

USTM



Unveiling Excellence

IQAC REPORT



UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

nirf India Ranking-2022 (151-200)

Accredited 'A' Grade by NAAC

IQAC REPORT

With the exposure of our University to the NAAC assessment process we have become aware of the various areas of improvement in the several academic as well as non-academic activities conducted by the University. We also identified better ways to streamline the activities done as per the guidelines and expectations of NAAC.

For academic year 21-22 we have laid down process for carrying out the activities and capturing the documentations in a manner that nothing gets left out while planning an activity. The documentation to be captured have been laid out as per the NAAC SOP and at the time of doing the activity, the documentation is to be submitted to the IQAC office for review and archiving. Our IQAC officers attached to each department monitor and guide the departmental activities for professional execution. IQAC conducts intermittent meetings with the departments to keep driving their focus on the width and depth of execution standards.

As a strategy, we have agreed to improve the accreditation grade every cycle and continually keep improving the academic and non-academic benchmarks we adopt.

Developing Graduate Attributes & implementation of Outcome-Based Education: The Graduate attributes emphasizing on holistic learning have been developed to transform the promising youngsters into leaders of tomorrow with globally relevant, future-ready and actionable intelligence. Every graduate of the University will be developed to possess the following attributes:

1. Intellectual Competency
 2. Self-Growth & Development
 3. Professional & Ethical Sensitivity
 4. Social Susceptibility
- Program Educational Objectives, Program Outcome, Course Educational Objective & Course Outcomes for all the programs have been clearly defined & displayed on the University website. Program Educational Objectives of each program are based on the four Graduate Attributes defined by the University for the Holistic Development of the students.

The objectives of the IQAC are to ensure continuous improvement in the entire operations of the Institution, to ensure stakeholders connected with Education, namely parents, teachers, staff, employers, funding agencies, and society in general, of its own quality and probity and to develop a quality system for conscious, consistent, and programmed action to improve the academic and administrative performance of the institution. It also promotes measures for driving institutional functioning towards quality enhancement and institutionalization of best practices.

During the assessment process for NAAC accreditation, the University felt a few areas wherein we need to work in a more synchronous manner and more organized manner. One was the departmental activity monitoring and the other was documentation and retrieval of proof of activity. The NAAC manual has been a guiding document in this matter. Deployment of IQAC Charters for every academic session:

We need to further regulate and monitor the activities of the departments for a holistic execution as per the NAAC manual. Realizing this we developed a charter of activities to be done by the faculties individually and by the department as a whole. On similar lines, we also carved out the charter of activities for the various centres and administrative functional heads. These charters are reviewed periodically.

IQAC Archive for activity documentation upload and retrieval:

We developed web software wherein the faculty members and departmental coordinators can create the documentation on the archive and upload the requisite documents for review and storage. IQAC reviewed the uploaded documents and approved for storage. Prior to the submission of AQAR, we can retrieve the documents from the archive and upload to the NAAC portal.

Faculty Development Programs were held under IQAC Initiatives. The objectives of the Faculty Development Program are to sensitize the faculty about the importance of IQAC & Enabling faculty to efficiently used Tech tools for innovation in education.

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. For this, during the post-accreditation period, it will channelize all efforts and measures of the institution towards promoting its holistic academic excellence.

The guidelines provided in the following pages will guide and facilitate the institution in the creation and operation of the Internal Quality Assurance Cell (IQAC). The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives. Its success depends upon the sense of belongingness and participation it can inculcate in all the constituents of the institution. It will not be yet another hierarchical structure or a record-keeping exercise in the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies to remove deficiencies and enhance quality like the “Quality Circles” in industries.

List of FDP Programs Conducted by IQAC

Sl No.	Activity	Date
1	FDP on E –Content Development	8 th June,2022 to 12 th June, 2022
2	Administrative Training Session on Managing Academic & Administrative Process	30 th June, 2022
3	Professional workshop Strategic Input Planning for NEP Implementation for NAAC AQAR	29 th June, 2022
4	FDP with TLC-Tezpur University	4 th April, 2022 to 8 th April, 2022

SAMPLE REPORT 1

FDP on E -Content Development

Date: 8th June ,2022 to 12th June,2022

NAME OF THE RESOURCE PERSON: Dr. Intikhab Ahmad
Dr. Ashmita Bakshi

NUMBER OF PARTICIPANTS: 55

ORGANISED BY: USTM under IQAC Initiative

BRIEF REPORT:

A Face-to-Face Faculty Development program for E-Content development has been organised with hands on practice and upload of proposal to SWAYAM platform for approval. The workshop shall be held at Conference Room in A block at 10:00 am and will last for the whole day.

The Resource persons explained the FDP through a Sample module Video with Course Syllabus/Module structure of the Course you intend to contribute to Swayam.

Main discussions were on the following topics:

1. Sample Video on module
2. Module-wise syllabus content
3. Syllabus of the course to be contributed

They discussed about the ‘Importance of Faculty Orientation Program for understanding E-Content’. This session was designed to improve the performance of faculty members in education, research and administration as well as augmenting organizational capacities and culture and made the faculty members understand how important it is for them to update themselves with time by attending various sessions.

Inauguration:

This faculty development program on ‘**E-Content development**’ was inaugurated by Director IQAC Dr.Ajmal Barbhuiya at the conference Hall, Administrative Block of USTM Campus. He explained about the importance of understanding ‘E- Content Development’ to achieve overall success of an organization.

About the various sessions of the Program:

This ten days Faculty Development Programme on “**E-Content development**” was successfully conducted at University of Science & Technology, Meghalaya (USTM) from 08/06/2022 to 12/06/2022. The FDP programme received an overwhelming response from the aspirants and finally the programme was attended by a total number of 34 faculty members from various departments of USTM. Various sessions started after the inaugural session.

Resource Person

Two experts related to the topics have been called as Resource Persons for the program. They are Dr. Intikhab Ahmad, Assistant Professor, Department of Geography Dyal Singh College, University of Delhi, New Delhi & Dr. Asmita Bakshi, Nodal Officer-SWAYAM MOOCs & Academic Co-ordinator -CEC, New Delhi.



Dr. Asmita Bakshi discussing the E-Content Development



Dr. Intikhab Ahmad during the Session

SAMPLE REPORT 2

DATE: 30th June,2022

Faculty Development Program on Managing Academic & Administrative Process

NO. OF RESOURCE PERSON: 1

NO. OF PARTICIPANTS: 62

Organized by: USTM under IQAC Initiative.

BRIEF PROGRAM REPORT:

Administrative Training Session on was successfully conducted for Faculty Members at University of Science & Technology Meghalaya on 30th June 2022. The session of the Program was taken by Resource Person Dr. Urmila Patil, HoD Electrical Engineering & Dean Academics - IQAC Coordinator. The scope of this session was The Faculties have to take due steps for the successful execution of the functions of the school from time to time. Planning means choosing the best out of various alternative objectives, processes, policies and programmes. The significance of planning lies in arranging specialist training programmes and different roles of different personnel as attached to the educational institution and also the functions that are undertaken in realizing such objectives and aims.

Administrative procedures are important because they provide an objective set of rules by which an organization is governed. They also help establish the legitimacy of management action by ensuring the application of management rules and decisions is done in an objective, fair, and consistent manner. Finally, they help ensure that managers are held accountable for decision that deviate from the procedures.



Ongoing the Training session



Discussing with All the HoDs & Deans



Resource person Dr.Urmila Patil

SAMPLE REPORT 3

Faculty Development Program on Strategic Input Planning for NEP Implementation for NAAC AQAR

NO. OF RESOURCE PERSON: 2

NO. OF PARTICIPANTS: 40

Organized by: USTM under IQAC Initiative.

BRIEF PROGRAM REPORT:

Professional Workshop on Strategic Input Planning for NEP Implementation for NAAC AQAR was conducted by Prof. D P Agarwal, Former Chairman, UPSC and Prof. Urmila Patil, HoD Electrical Engineering and Dean-Academics and IQAC Coordinator. The NEP 2020 considers the age of 3-8 years as the foundational period for overall development of children. The provisioning of institutionalized educational facilities for children before they embark on formal school education at the age of six has a two-fold role to play. On the one hand, pre-school education significantly aids in the overall development of a child, involving its physical, social, emotional and cognitive aspects. On the other hand, education prior to primary schooling, as research evidences show, tends to have a major impact on her/his future learning prospects. Thus, it is a widely known fact that, the pre-school education lays the foundation and creates readiness among children to pursue formal school education.

According to the Resource persons, The National Education Policy (NEP) 2020 envisions a complete overhaul and re-energising of the higher education to overcome the challenges in the current system and thereby deliver high-quality higher education, with equity and inclusion.

The fundamental principle of NEP: “Recognizing, identifying, and fostering the unique capabilities of each student, by sensitizing teachers as well as parents to promote each student’s holistic development in both academic and non-academic spheres “It is necessary to formally acknowledge these changes and redesign higher education programs accordingly.

Revamping curriculum, pedagogy, assessment, and student support for enhanced student experiences is required to accomplish the goals of NEP 2020.



Prof.D P Agarwal & Prof. Urmila Patil delivering on Strategic Input Planning on NEP Implementation for NAAC AQAR



Hon,ble VC ,USTM with all HoDs and Deans



Prof. D P Agarwal, Former Chairman, UPSC

Various Conferences, Seminar, Workshops on Quality conducted by IQAC

List of the Activities

Name of The Workshop Seminar	Date	In Association with
Two days Workshop on "Revised Accreditation Framework of NAAC"	06/05/2022	IQAC
Conservation of Biodiversity, Microbial Diversity with potential for application in Agriculture and Sericulture in North East India	21/05/2022	Department of Botany
One day Regional Level Workshop on Preservation and Conservation of Library Material	24/03/2022	Department of Library Science
One Day Workshop on 'Quality Paradigms-Theory & Praxis'	24/05/2022	Dept. of Business Administration
2 Days National Seminar on Contemporary issues of Politics & International Relations: Assessing the Qualitative Trends in the Emerging World Order	13/06/2022 to 14/06/2022	Department of Political Science
Utilization of Agricultural Technology for the production of quality herbal Medicinal plants	07/03/2022	Department of Pharmacy
Webinar on Organizational Behavior: Issues & Challenges	02/07/2021	Department of Business Administration
3 Days Workshop on "Research Methodology in Social Sciences with Special Reference to Qualitative and Quantitative Research	21/04/2022 to 23/04/2022	Department of Political science
National Seminar On Sustainable Agri Business Opportunities & Management Practices Towards Developing The Rural Economy	04/03/2022	Department of Business Administration
Two Days National Seminar on "National Education Policy 2020: Bridging the gap in Accessibility, Equity and Quality learning outcomes in School Education	13/05/2022	B.ED
National Seminar on "Mediating role of Quality Management in business sustainability"	20/05/2022	Department of Business Administration
Workshop on "Quality Paradigms-Theory & Praxis"	24/05/2022	Department of Business Administration
Nuclear radiation ' safety measures and Application	8/03/2022	Department of Physics
Role of WHO in Quality Practices in the field of Phamaceutical Sciences	27/05/2022	Department of Pharmacy
Workshop on Exploring Virtual Society through digital Ethnography A qualitative Approach	22/05/2022	Department of Sociology

59th all india political science coference and international seminar	26/3/2022 to 28/3/2022	Department of Political Science
Basic plasma and its application approach to Quality Enhancement in Research & Development	27/03/2022	Department of Physics
Workshop on Drafting Quality Projects	07/06/2022	Research Division
A Workshop on " Quality Learning in Compiler Design"	1/6/2022	Department of Computer Science
FDP on E-Content Development	08/06/2022 to 12/06/2022	IQAC
National Seminar On “Sustainable Agri Business Opportunities & Management Practices Towards Developing The Rural Economy”	(04/03/2022 to 05/03/2022)	Department of Business Administration
Nuclear radiation ' safety measures and Application	02/05/2022	Department of Physics
Webinar on ‘Organization Behavior: Issues & Challenges’ in collaboration with Mizoram Central University (02-07-21)	02/07/21	Department of Business Administration
One Day National Seminar on ‘Mediating Role of Quality Management in Business Sustainability	20/05/2022	Department of Business Administration
“ Utilization of Agricultural Technology for the Production of Quality Herbal Medicinal Plants"	7/6/2022	Department of Pharmacy
Training on Low cost Mushroom Cultivation with Punjab National Bank	19/01/2022 to 21/02/2022	Department of Rural development
Seed and sampling Distribution on the occasion of International Seed Day with Punjab National Bank	26/04/22	Department of Rural Development
One day Seminar on "Global Quality Certification Process on IT:Prospect & Opportunities	06/06/2022	Department of Computer Science
7 Days National Online Workshop on Yoga to overcome crisis in Personality development due to covid 19 Collaboration with Indira Gandhi National Tribal University	02/08/2022 to 08/08/2022	Department of Physiotherapy
Workshop on Preservation and Conservation of library materials	24/03/2022	Department of Library Science
National Conference on Managment Practice and sustainable Strategies .	18/01/2022	Department of Commerce
One Seminar on “Quality of Life Writings: Reading Written Lives”	20/03/2022	Department of English
Webinar on Quality product development from biological systems	05/10/2021	Department of Botany

Sample Report 1

Brief Report :

Topic : National Seminar on “Sustainable Agri-Business Opportunities & Management Practices Towards Developing the Rural Economy”

Two-Day National Seminar On "Sustainable Agri-Business Opportunities & Management Practices Towards Developing The Rural Economy is organized by the Department of Business Administration, supported by Meghalaya's National Bank for Agriculture and Rural Development (NABARD).

In the inauguration session Dr Amit Choudhury, Dean of the, school of business sciences discussed the technological involvement/intervention in agribusiness and emphasizes on the full utilization of local resources. All the sessions were conducted successfully. The seminar was over after the valedictory session.



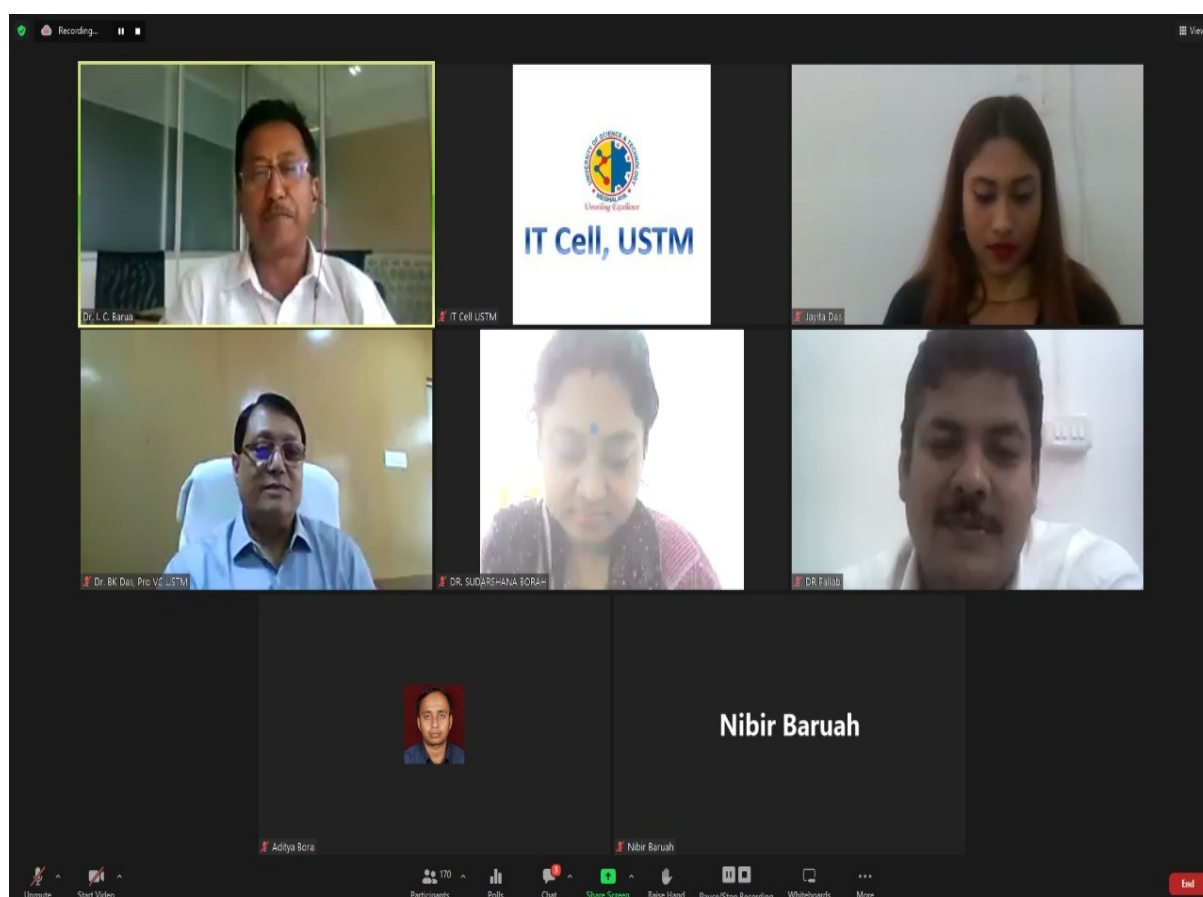
Lighting of the lamp by N Guite, GM of NABARD and other dignitaries

Sample Report 2

Brief Report :

Topic : Webinar on “Utilization of agricultural technology for the production of Quality Herbal medicinal Plants”

The School of Pharmaceutical Sciences (SOPS), USTM has organised a **Webinar on “Utilization of agricultural technology for the production of Quality Herbal medicinal Plants”** on 7th June, 2022, in collaboration with **North East Agricultural Technology Entrepreneurs Hub, Assam Agricultural University, Jorhat, Assam**. In this occasion, **Dr. Iswar Barua**, Principal Scientist , AICRP-Weed Management, Assam Agricultural University, Jorhat, Assam has delivered a talk on quality herbal medicines. He explained about important role of the herbal drugs in pharmaceutical field. At the end, there was an interactive session with the students followed by vote of thanks.



Sample Report 3

Brief Report :

Topic : Seminar on Global Quality Certification Process on IT:Prospect and Opportunities

The Department of Computer Science and Electronics in association with center for career guidance (CCG) USTM, has organized one day National Seminar on Global Quality Certification process on IT:Prospect and Opportunities on 6/6/2022. The keynote speaker of the seminar is Mr. Abu Zakaria, Founder and MD of Echotech Lab, USA. In presence of Honorable Vice Chancellor Prof.G.D. Sarma and Advisor USTM Prof R.K. Sharma ,the resource person deliver his lecture on how to select different certificate course on IT section, converts ideas into reality, solve problem, how to be freelancer and also provide knowledge of Artificial Intelligence and Machine Learning. During his presentation, he discussed the unemployment issues of graduate and he explored the various Ceo's history. Moreover 97% of unemployment out of 15 lakhs engineering graduate every year. This kind of certification program on cloud infrastructure AI/ML and data analytics will give more opportunities to get in to the dream jobs with not only technical knowledge and inclusive of communication skills.



Seminar on " Global Quality Certification process on IT: Prospect and Opportunities"

Various Collaborative Quality Initiatives with other Institutions

List of the Activities :

Name of The Workshop Seminar	Date	In Association with
Two days Workshop on "Revised Accreditation Framework of NAAC"	06/05/2022	IQAC with collaboration with Gone-Day an Collage
One Day Workshop on 'Quality Paradisms-Theory & Praxis'	24/05/2022	Business Administration with Mizoram University
One day workshop on "Quality learning in Compiler Design" was organised in association with Lalit Chandra Bharali College, Guwahati	01/05/2022	Computer Science in association with Lalit Chandra Bharali collage
Two Days National Seminar on "National Education Policy 2020: Bridging the gap in Accessibility, Equity and Quality learning outcomes in School Education	13/05/2022	PQSE in association with Indian council of social science and research
Nuclear radiation ' safety measures and Application with BBCI	8/03/2022	Physics with B Barooah Cancer Institute
59th all india political science coference and international seminar	26/3/2022 to 28/3/2022	Political Science with in collaboration with indian political science Association
National Seminar On "Sustainable Agri Business Opportunities & Management Practices Towards Developing The Rural Economy"	(04/03/2022 to 05/03/2022)	Business Administration In collaboration with NABARD
Webinar on 'Organization Behavior: Issues & Challenges'	02/07/21	Business Administration in collaboration with Mizoram Central University
Information Regarding Training programme organised for MLISc Students with Gauhati Commerce College and Hiteshwar sakia college	17/02/2022	Library and Information Science with Gauhati Commerce College and Hiteshwar saikia college

One Day National Seminar on ‘Mediating Role of Quality Management in Business Sustainability’	20/05/2022	Business Administration with collaboration with KK Hendique state open University and Aliah University
“Herbal Utilization of Agricultural Technology for the Production of Quality Herbal Medicinal Plants"	7/6/2022	Pharmacy with North East Agriculture Technology Entrepreneurs Hub, Assam Agricultural University, Jor Low-costam (07/06/2022)
Training on Low cost Mushroom Cultivation with Punjab National Bank	19/01/2022 to 21/02/2022	Rural development with Punjab National Bank
Seed and sampling Distribution on the occasion of International Seed Day	26/04/22	Rural Development with Punjab National Bank
7 Days National Online Workshop on Yoga to overcome crisis in Personality development due to covid 19 Collaboration	02/08/2022 to 08/08/2022	Physiotherapy with Indira Gandhi National Tribal University
Workshop on Cervical Cancer	24/03/2022	Physiotherapy Collaboration with B Barooah Cancer Institute, Guwahati
State level Seminar on Multiple Disabilities	25/04/2022 to 26/04/2022	Physiotherapy with Collboration with Holistic Physiotherapy Centre and NIEPMD,Chennai

Sample Report 1

Brief Report :

Topic : A One Day Workshop on “Quality Paradigm – Theory & Praxis”

The Department of Business Administration, USTM in Collaboration with Mizoram University, had conducted a Workshop on “Quality Paradigm- Theory & Praxis” on 24th May 2022, at the university campus. Prof. L. Shashikumar Sharma, Head Department of Management, Mizoram University and Mr. Hrishikesh Acharya, Managing Director (Operation), Sitajakhala Dugdha Utpadak Samabai Samiti Ltd were the resource person of the workshop. Both the resource person has shared their views on Quality Paradigm in both theoretical and practical approach. Prof. L. Shashikumar Sharma highlighted the history and evolution of Quality through a series of gradual refinement over the period of time. He also highlighted upon Industrial Revolution in early 19th century and explained how quality came into the industrial revolution. He even focused on Deming’s View/ Philosophy of Quality. Mr. Hrishikesh Acharya addressed many industrial challenges on basis of Quality and shared personal industrial exposure. He also highlighted upon the aspects of Quality Metrics like ISO, FSSA, BIS.



Session by: Prof. L. Shashikumar Sharma, Head Department of Mangement,
Mizoram University

Sample Report 2

Brief Report :

Topic : 59th All India Political Science Conference

The 59th All India Political Science Conference & International Seminar on Global Rise of Incredible India was held on 26th - 27th March 2022, at University of Science & Technology, Meghalaya (USTM) in collaboration with Indian Political Science Association (IPSA). This for the first time that the All India Political Science Conference is being held in Northeast India in 83 years old history of IPSA. The event was attended by more than one thousand delegates from across the country including 13 Vice Chancellors from different Universities of India. An extensive exercise was made by USTM fraternity to make this mega event hassle free with the help of 15 different committees including Accommodation, Transportation, Reception, Food, Stage Management, Hall Management, Session Management, etc. A unique initiative was taken on the advice of the Honble Chancellor, Janab Mahbubul Hoque Sb. that each Delegate was to be escorted by one student from USTM during the conference for smooth functioning of the program.

The inaugural address was followed by Award Ceremony, where Senior and Young Political Scientists were awarded for their academic brilliance in the field of Political Science.

The award Ceremony was followed by a couple of book releases and a short speech by the Chancellor of USTM. This was followed by felicitation ceremony of the panelist.

Up next was the Presidential Address by Prof. Santishree Padit. In her warm speech, she spoke about how it was time for India to make a leap for a civilizational State from a Nation State. She mentioned how China has been upholding their civilizational values. She referred to the iconic regime of Chola Dynasty, which is not much spoken about a mainstream history. She mentioned how we should differentiate between Dharma and Religion. She also drew interesting references how Indian Culture is all about assimilation. She spoke about the character of Ravana who has been an anti-hero character in the history, and not a villain. She mentioned the book, Dance of Shiva as an imagery to the creation of this cosmic universe. In her speech she also referred to the current crisis in Ukraine. She called for new narratives, especially from various regions of India for upholding Indias Civilisational values. She referred to not much spoken, those victory over the Mughals. She concluded by saying that India Civilizational values were all about Spiritualism, Individualism and Tolerance.



Pic 1: Inaugural Session of IPSA Conference



Pic2:Lighting the Lamp by Hon'ble Vice Chancellor, JNU and President, IPSA in IPSA Conference



Pic 3: Cultural Rally in IPSA Conference



Pic 4: Lecture delivered by Hon'ble Chancellor, USTM in IPSA Conference



Pic 5: Group Photo of the Participants in IPSA Conference

Various Orientation Programme on Quality Issues for Teachers & Students

List of the Programme

Name of The Workshop Seminar	Date	In association with
“Ecosystem Quality services—benefits, challenges and opportunities for ecological research”	(04/10/2022)	Department of Botany
Orientation programme on "Quality assurance for Computer Programming"	13/11/2021	Department of Computer Science
Orientation Program organised for the Newly enrolled students of MLISC programme	07/10/2021	Department of Library Science
Orientation Programme on Career Opportunities in Law	11 /12/2021	Department of LAW
Orientation programme on Assam State Rural livelihood Mission	04/02/2022	Department of Social Work
‘Organizational Culture Ensuring Quality	26-11-21	Department of Business Administration
Utilization of Agricultural Technology for the production of quality herbal Medicinal plants	07/03/2022	Department of Pharmacy
Webinar on Organizational Behavior: Issues & Challenges	02/07/2021	Department of Business Administration
Orientation Programme in Agri Export	5/10/2021	Department of Applied Biology
Orientation Program on Partition of integers : An overview " Important topic having innovative and recreational value both for teachers and students	16/11/2021	Department of Mathematics
Role of Teachers in quality enhancement in Higher education	16/02/2022	Department of Economics
Quality Teaching and Learning : Future Roadmap for theLearners	15/11/2021	Department of Commerce
Modernism and After: Quality of Literature Art and Beyond	10/04/2021	Department of English
“Integrated Approach of Rural Development: Role of Community in achieving quality SDGs”	20/11/2021	Department of Rural Development
Orientation Program on "Food quality & Safety for Students "	(07/06/2022)	Department of Applied Biology
Orientation Program on "Food quality & Safety for Teachers and Students	07/06/2022)	Department of Applied Biology
Professional Workshop on Compilation of AQAR & AAA Methodology for IQAC Faculty Coordinators	29/06/2022	IQAC
Administrative Training Session on Quality Approach in Teaching Learning Management for NAAC criteria Owners & IQAC Officials	30/06/2022	IQAC

Sample Report 1

Brief Report :

Topic : A talk on Organization Culture

The Department of Business Administration, School of Business Sciences, USTM has organized a talk on Organization Culture. The resource person was Dr. Amit Kumar Singh, Head & Associate Professor, Department of Management, Mizoram University, convener was Dr. Rashmi Baruah, Head & Associate Professor, Department of Business Administration, USTM & moderator was Ms. Priyanka Mahanta, Department of Business Administration, USTM.



Sample Report 2

Students Orientation Program on Ecosystem Quality services—benefits, challenges and opportunities for ecological research

Students Orientation program on Ecosystem Quality services—benefits, challenges and opportunities for ecological research was organized by Department of Botany, USTM for UG and PG Ist semester new batches. Prof. P.P Baruah , Gauhati University delivered a lecture on the topic and interacted with the students to give indebt knowledge of the subject. On the program, different other activities were planned which includes Familiarization with the Laboratory facilities , Couselling session on Quality approaches towards Plant Taxonomy and opportunities, Visit to the University CIF , Visit to the Herbal Garden, ITI Counselling, Hands on Training for Herbarium Technique, Library visit etc from 4th to 6th October, 2021.



Group Photographs of Students during the Orientation Programme



Unveiling Excellence

Academic Administrative Audit Initiated by IQAC

UNIVERSITY OF SCIENCE AND TECHNOLOGY MEGHALAYA



ACADEMIC & ADMINISTRATIVE AUDIT COMMITTEE REPORT

(21st June & 22nd June 2022)

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Recommendations

1. More flexibility and inter-departmental coordination for appropriate offering of CBCS courses need to be ensured.
2. The value added courses may have a focused approach with an objective of skill enhancement and exposure to the latest developments in the specialized areas of study and structured to earn at least one credit so that it helps the students to accumulate credits and earn dual degrees.
3. Institution may make a provision for recording the non-Audited Courses taken by the student in their marks sheet.
4. The institution may develop e –resource centre with appropriate facility for posting and retrieving e-contents for teaching learning.
5. In view of the institutional plans to implement NEP 2020 from 2023 session University may review the curricular framework to embed multidisciplinary and strengthen the OBE – in terms of identification and inclusion of appropriate Pos, SOs, Cos, PEOs etc.
6. More interdepartmental coordination for Research and course offerings.
7. Examination reforms for inclusion and reflecting of Curricular, co-curricular and extracurricular components in the assessment outcome.
8. Strengthen the Finish School of the University to offer skills development courses.
9. Strengthen Industry-Institute relationships and also may work towards technology transfer to the local societies – Lab to Land initiatives may be more systematically integrated into the outreach activities of the institute

The University has participated at NIRF for the first time and was able to secure ranking between 151-200.

[Gallery](#) | [Contact](#)



National Institutional Ranking Framework
Ministry of Education
Government of India



India Rankings 2022: University (Rank-band: 151-200)

Institution list in alphabetical order

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Name	City	State
Acharaya Nagarjuna University	Guntur	Andhra Pradesh
B. S. Abdur Rahman Crescent Institute of Science and Technology	Chennai	Tamil Nadu
Central University of Haryana	Mahendergarh	Haryana
Central University of Rajasthan	Kishanganh	Rajasthan
Centurion University of Technology and Management	Paralakhemundi	Odisha
Charotar University of Science & Technology	Changa	Gujarat
Dharmsinh Desai University	Nadiad	Gujarat
Dhirubhai Ambani Institute of Information and Communication Technology	Gandhinagar	Gujarat
Dr. Vishwanath Karad MIT World Peace University	Pune	Maharashtra
Fakir Mohan University	Balasore	Odisha
Galgotias University	Gautam Budh Nagar	Uttar Pradesh
Glocal University	Saharanpur	Uttar Pradesh
ICFAI Foundation for Higher Education, Hyderabad	Hyderabad	Telangana
Integral University	Lucknow	Uttar Pradesh
J. C. Bose University of Science and Technology, YMCA	Faridabad	Haryana
Jawaharlal Nehru Technological University	Anantapur	Andhra Pradesh
Jaypee University of Information Technology	Solan	Himachal Pradesh
JSS Science and Technology University	Mysuru	Karnataka
Kannur University	Kannur	Kerala
Karpagam Academy of Higher Education	Coimbatore	Tamil Nadu
KLE Technological University	Dharwad	Karnataka
Maharani Cluster University	Bengaluru	Karnataka
MGM Institute of Health Sciences, Navi Mumbai	Navi Mumbai	Maharashtra
Mohan Lal Sukhadia University	Udaipur	Rajasthan
Nagaland University	Zunheboto	Nagaland
North Bengal University, Darjeeling	Darjeeling	West Bengal
North Maharashtra University	Umavinagar	Maharashtra
PES University	Bengaluru	Karnataka
Pravara Institute of Medical Sciences, Ahmednagar	Ahmednagar	Maharashtra
Pt. Ravishankar Shukla University	Raipur	Chhattisgarh
Punjabi University, Patiala	Patiala	Punjab
Rabindranath Tagore University	Raisen	Madhya Pradesh
Rajiv Gandhi University	Itanagar	Arunachal Pradesh
RK University	Rajkot	Gujarat
Sambalpur University, Sambalpur	Sambalpur	Odisha
Sant Longowal Institute of Engineering & Technology	Longowal	Punjab
Sikkim University	Gangtok	Sikkim
Sri Chandrasekharendra Saraswathi Vishwa Mahavidyalaya	Kancheepuram	Tamil Nadu
Sri Devraj Urs Academy of Higher Education and Research	Kolar	Karnataka
Sri Krishnadevaraya University	Anantapur	Andhra Pradesh
Sri Padmavathi Mahila Visvavidyalayam	Tirupathi	Andhra Pradesh
Sri Siddhartha Academy of Higher Education	Tumkur	Karnataka
Suresh Gyan Vihar University	Jaipur	Rajasthan
The Gandhigram Rural Institute	Gandhigram	Tamil Nadu
The Northcap University	Gurugram	Haryana
The Rashtrasant Tukadoji Maharaj Nagpur University	Nagpur	Maharashtra
University of Lucknow	Lucknow	Uttar Pradesh
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The Assam Rising

Projecting the best of Northeast India everyday

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Two-day National Seminar on Rural Economy held

Assam Rising, Guwahati, March 4: A two-day national seminar on "Sustainable Agri-Business Opportunities & Management Practices towards Developing the Rural Economy" was held from today at the NCC Auditorium of the University of Science and Technology Meghalaya (USTM). The seminar was organized by the Department of Business Administration, USTM in collaboration with NABARD. The inauguration session of the seminar was addressed by Prof. Y. M. Patil, Vice-Chancellor, Assam University in presence of other key-note speakers, Prof. G. D. Sharma, Vice-Chancellor, USTM, Prof. Kamaljit Paul, Head of the Department of Business Administration, Gauhati University, Prof. Amit Kumar Singh, Department of Business Administration, Babar Shah Bhawan, Assam University, Lakhnow and N. Gupte, General Manager, NABARD, Shillong. The inauguration session ended with the view of a banner delivered by Dr. Rashmi Baruah, Head, Department of Business Administration, USTM. Addressing the inaugural session, Prof. RM Patil said, "Almost 65 per cent of the population of India are living in villages. But sustaining the development of the rural sector has been a big challenge. Farmers have been marginalized. However, development of rural India is a priority of the government of India." N. Gupte, General Manager, NABARD, Shillong expressed that NABARD is privileged to be a part of the seminar. "We have organic products in the North East, but not have the value and market links. There are lots of missing links. Research should be on a strong extension mechanism from land to a hand holding approach," she added. Prof. Kamaljit Paul said that in the agriculture sector, the major thrust should be on the food processing industry and the emphasis should be on value addition. She said that it is important to integrate rural management programs.



More than 200 participants have registered for the seminar. The sub-themes of the seminar are: Agri-business and food processing, Innovation, Marketing, Finance, Human Resource Management, Supply Chain Management, Science and Technology in Agriculture, Micro Enterprise, Sustainable Agri-Business Practices, etc. Selected papers will be considered for publication.

Eastern Chronicle

WINDOW TO THE EAST

SATURDAY, GUWAHATI 3

National seminar on rural economy gets underway at USTM

A two-day national seminar on "Sustainable Agri-Business Opportunities & Management Practices towards Developing the Rural Economy" was held from today at the NCC Auditorium of the University of Science and Technology Meghalaya (USTM). The seminar was organized by the Department of Business Administration, USTM in collaboration with NABARD. The inauguration session of the seminar was addressed by Prof. Y. M. Patil, Vice-Chancellor, Assam University in presence of other key-note speakers, Prof. G. D. Sharma, Vice-Chancellor, USTM, Prof. Kamaljit Paul, Head of the Department of Business Administration, Gauhati University, Prof. Amit Kumar Singh, Department of Business Administration, Babar Shah Bhawan, Assam University, Lakhnow and N. Gupte, General Manager, NABARD, Shillong. The inauguration session ended with the view of a banner delivered by Dr. Rashmi Baruah, Head, Department of Business Administration, USTM. Addressing the inaugural session, Prof. RM Patil said, "Almost 65 per cent of the population of India are living in villages. But sustaining the development of the rural sector has been a big challenge. Farmers have been marginalized. However, development of rural India is a priority of the government of India." N. Gupte, General Manager, NABARD, Shillong expressed that NABARD is privileged to be a part of the seminar. "We have organic products in the North East, but not have the value and market links. There are lots of missing links. Research should be on a strong extension mechanism from land to a hand holding approach," she added. Prof. Kamaljit Paul said that in the agriculture sector, the major thrust should be on the food processing industry and the emphasis should be on value addition. She said that it is important to integrate rural management programs.

The Assam Rising

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Plasma Popularization workshop held

Assam Rising, Guwahati, Jan 11: A workshop on Popularization of Plasma Physics was organized by the Department of Physics, University of Science and Technology Meghalaya in collaboration with Center of Plasma Physics - Institute for Plasma Research (CPP-IPR) on January 11. The workshop was organized to celebrate the "Azadi Ka Amrit Mahotsav" in blended mode and was participated by students and teachers alike. Speaking at the workshop, senior scientist from CPP-IPR, Dr. T.K. Borthakur gave a brief overview of different research conducted in plasma physics. He also highlighted the contribution of the founder director Prof. S. Bujarbaruah popularised plasma research in the North East region. The resource person was Dr. Rakesh Moulick, Scientific Officer D, CPP-IPR, under DAE, Govt. India presented his talk on the topic "Fundamentals of Plasma Physics". He initiated his talk by explaining the basics of plasma physics and said that, "Debye shielding is a phenomenon to protect the plasma family just the same way as our society is protected by some security sources." Dr. Moulick has explained how plasma research can be used in different theoretical aspects. Dr. Ngangom Aomoa, Scientific officer D, CPP-IPR gave a talk on "Experimental Plasma Physics" where he focused on different experimental applications of plasma and said that Plasma are like superheroes in material science. In his talk he also highlighted the possibilities of getting a government job funded project to enhance research in plasma physics. Earlier, Dr. Sanchit Roy, HoD of the Department of Physics has briefly introduced the department of physics, USTM as well as the importance of such a kind of workshop to develop the keen interest in the area of plasma physics among students and faculty members. The program ended with a demonstration on the production of laboratory plasma.



Man-elephant

Assam Rising, Tamulpur, Jan 11: One person was killed and two others were critically injured in a Jumbo attack in

Media Coverage

THE NORTH EAST TIMES

34014/90

GUWAHATI ■ SATURDAY ■ MARCH 5, 2022

Postal Regn NO.

Two-day National Seminar on Rural Economy by USTM & NABARD

9TH MILE, KHANAPARA, RI BHOI, MAR 4: A two-day national seminar on "Sustainable Agri-Business Opportunities & Management Practices towards Developing the Rural Economy" has begun from today at the NKC Auditorium of the University of Science and Technology Meghalaya (USTM). The seminar has been organized by the Department of Business Administration, USTM in collaboration with NABARD.

The inaugural session of the seminar was addressed by Prof. R. M. Pant, Vice Chancellor, Assam University as guest of honor and key-note speaker, Prof. G. D. Sharma, Vice Chancellor, USTM, Prof. Rinalini Pathak Kakoty, Head of the Department of Business Administration, Gauhati University, Prof. Amit Kumar Singh, Department of Rural Management, Babasaheb Bhimrao Ambedkar University, Lucknow and Ms N Guite, General Manager, NABARD, Shillong. The inaugural session ended with vote of thanks delivered by Dr Rashmi Baruah, Head, Department of Business Administration, USTM.

Addressing the inaugural session, Prof RM Pant said, "Almost 65.07 per cent people of India are living in villages. But sustaining the development of the rural sector has been a big challenge. Farmers have been marginalized. However development of rural India is a priority of the government of India."

N Guite, General Manager, NABARD, Shillong

seminar. "We have organic produces in the North East, but not have the volume and market links. There are lots of missing links. Research should be on a strong extension mechanism from land to lab, a hand holding approach", she added.

Prof Rinalini Pathak said that in the agriculture sector now the main thrust should be on the food processing industry and the emphasis should be on value addition. She said that it is important to integrate rural management programs with corporate management.

There are five sessions in the seminar which will be chaired by Prof. Amit Kumar Singh from Babasaheb Bhimrao Ambedkar University, Dr. Tridib R. Sarma from Tezpur University, Prof. Phanindra Goyari, School of Economics, University of Hyderabad, Subhas Bhattacharjee, Head-NE Region, Oil Palm and Prof. P. Paramashiviah, Dept. of Studies & Research in Commerce, Tumkur University.

The participants in the seminar include Academics, Research Scholar, Industry Practitioners and students. More than 200 participants have registered for the seminar. The sub-themes of the seminar are: Agri-business and food processing innovative, Marketing, Finance, Human Resource Management, Supply Chain Management, Science and Technology in Business and Agriculture, Micro Enterprise, Sustainable Agro Business Practices, etc. Selected papers will be considered for publication in reputed International and National Journals.



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Webinar held on awareness for implementation of NEP-2020

KHANAPARA, Ri Bhoi, Feb 22: The National Education Policy (NEP)-2020 is focusing on an inclusive and comprehensive framework that will bring sweeping changes to the Indian education system. To implement this particular vision of NEP-2020, the University of Science & Technology Meghalaya (USTM) conducted a webinar on the topic "Awareness and Implementation of

Auditorium of the university and was addressed by Prof. KRS Sambasiva Rao, the Lead Coordinator of Eastern Zone NEP Committee and Vice Chancellor, Mizoram University as the chief guest, along with other dignitaries.

Addressing the participants, Prof. KRS Sambasiva Rao, the Lead Coordinator of Eastern Zone NEP Committee stated that the

levels. "Students are to be motivated for skill development courses along with regular curriculum. We are going to conduct state wide meetings in the East Zone and provide practical oriented guidance on how to implement, how to deal with or modify the syllabus and help institutions in whatever possible way," he said. Two experts on NEP-2020 implementation, Prof. Di-

being implemented in the Mizoram University.

Prof. G. D. Sharma, VC, USTM, said that the UGC has divided the country into five zones for implementation purposes of the NEP-2020. "In our eastern zone, our first objective is to sensitize our faculty members. NEP is a total transformative policy which emphasizes upon multi-disciplinary ap-

proach. The policy focuses on Digitalization, Skill Based and Entrepreneurial Ventures, flexible program structures, reaffirms the bridging social gaps in access, participation, and learning outcomes through this new education system," he added. Prof. Nirjan Roy from Assam University made a presentation on "Roadmap for Implementation Framework" and emphasized that

Media Coverage

Eastern Chronicle

WINDOW TO THE EAST

WPT QUARUPHAT KOCKATA PAGES 12 Paper at: www.easternchronicle.net PRICE ₹8 FRIDAY, APRIL 22, 2022

Workshop on prevention of wildlife crime at USTM

CHRONICLE NEWS SERVICE

BUNAWATI: Students too are expected to play a pivotal role in checking wildlife crimes by disseminating information among peer groups and issues as a whole about the importance of every species on the earth.

This was the message driven home by Aaranyak during a sensitisation workshop on wildlife crimes held among the students of the zoology department in the University of Science and Technology Meghalaya (USTM) on Thursday.

Attending the workshop as the chief guest, Meghalaya Divisional Forest Officer (DFO), Gavade Sachin

society including students to remain alert.

Internationally acclaimed rhino conservation expert and a noted wildlife biologist Dr. Bibhah Kumar Talukdar who is also the CEO and secretary general of Aaranyak, called upon the students and researchers to educate themselves on the law in vogue to prevent wildlife crimes which has assumed an alarming proportion all over the globe.

Talukdar said the northeast is a biodiversity hotspot because of its unique altitudinal gradient that comprises of different topographic zones containing different types of wildlife habitats which have led to the prevalence of diverse wildlife fauna and flora in the



The police personnel were sensitised on how dealing with wildlife crimes and violations of environment protection laws are an important

task of India for being one of the 16 biodiversity hotspots in the world. "Northeast has different altitudinal gradients from

special attention in terms of resources documentation and conservation," he said adding it is a social responsibility for all enlightened and empowered ones to protect the biodiversity.

He explained various reasons behind high incidence of rhino hunting in the region and mentioned that the routes of smuggling are identified and a report of the same is submitted to CITES to put pressure on those countries where trading in wildlife is still legal. Dr. Jimmy Borkh, senior manager of the legal and advocacy division of Aaranyak, in his deliberation on the illegal wildlife trade raised the alarm over the international dimension of it.

made a detailed presentation as a resource person in the workshop on various types of wildlife crimes prevalent in the North East region, explained various modes operated adopted by elements and rackets involved in killing precious wildlife. She also enlightened the student audience about various penal provisions under the existing Wildlife Protection Law against each type of such crime based on the species targeted.

The students were engaged in an elaborate interactive session by the resource persons at the end of the workshop and answered all questions raised by the participants in the workshop.

THE MEGHALAYA GUARDIAN

SHILLONG • THURSDAY • MARCH 31, 2022 Online edition: <http://mg.guardianonline.in>

Four-day-long residential training prog under JJM conducted by USTM

SHILLONG, Khasi, Nongpoh, 30 MAR 2022: The Key Resource Centre (KRC) at the University of Science and Technology Meghalaya for the implementation of Government of India's Jal Jeevan Mission organized a residential training programme for the members of Village Water and Sanitation Committees of South programme along with other PHEO officials. Mr. Nongpoh, Executive Engineer, of tanks in the watershed was offered by Omeshwari Shenghriar, Assistant Professor, department of Social Work, USTM.

The training was imparted by Dr. Nabendra Paul, Project Director, KRC; Shri Rajasimha Barhaski, M.S. Expert; Shri Partha Pratim Barua, Technical Expert and Omeshwari Shenghriar, Training Co-ordinator; 60 personnel from



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