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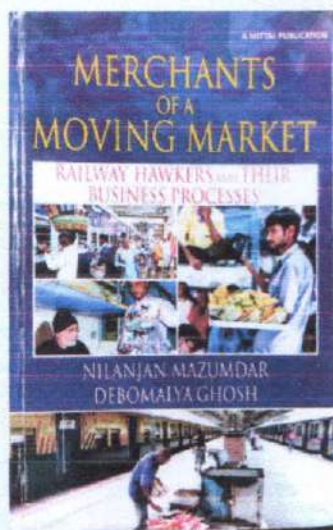
UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

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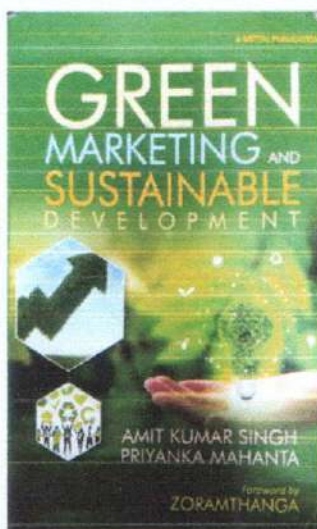


Faculty Achievement

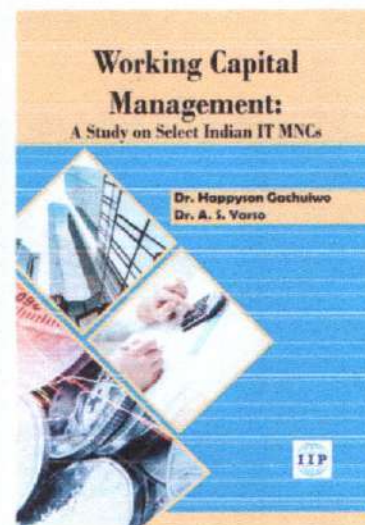
Book Publication by Faculty Members



Dr. Nilanjan Mazumdar
Assistant Professor,
Dept. of Business Administration



Priyanka Mahanta
Assistant Professor,
Dept. of Business Administration



Dr. Happysyn Gachuiwo
Assistant Professor,
Dept. of Business Administration

Some of the Research Publications

- **Dr. Atowar Ul Islam**, Construction of 3 - Colorable graph and its Application, Design Engineering (Toronto), 2021, IF: 1.41
- **Dr. Lalit Saikia**, A mass balance approach in sediment budgeting of large alluvial rivers with special emphasis on the Brahmaputra in Assam, The Journal of the Indian Association of Sedimentologists (UGC Care Listed), Dec 31st 2021, IF: 3.6
- **Dr. Anindita Bhattacharya**, Assessing pollution removal efficiencies of some selected parameters by applying different remediation techniques for petroleum oily sludge, Environmental Challenges, Dec 2021, IF: 2.88(Scopus Indexed)
- **Dr. Rashmi Baruah and Sukriti Das**, A Study on Emerging Towards Green HRM and Organizational Sustainability: Evidence from manufacturing companies in Assam, The Journal of Oriental Research Madras, Dec 2021, IF: 7.21
- **Dr. Yugal Kishore Mohanta**, Space Breeding: The Next-Generation Crops, Frontiers in Plant Science October 2021, IF: 4.407
- **Dr. Yugal Kishore Mohanta**, Wet chemical development of CuO/GO nanocomposites: its augmented antimicrobial, antioxidant, and anticancerous activity, Journals of Material Science: Materials in Medicine, December 2021, IF: 3.896
- **Dr. Prabal Sarkar**, Assessing pollution removal efficiencies of some selected parameters by applying different remediation techniques for petroleum oily sludge, Environmental Challenges, September 2021, IF: 2.88
- **Dr. Baharul Islam**, A Critical Analysis on Religious Conversion and Personal Laws-Women's Rights Perspective, Social Spectrum (BOOK), October 2021
- **Dr. Jonali Chetia**, A Study on Co-Curricular Activities at Secondary School, Journal of Education: Rabindra Bharati University, November 2021-2022 (IF 5.8)

Dr. Sarifuddin Gazi Achieves Nobel Citation



Prof. David W. C. MacMillan, Nobel Prize Winner in Chemistry, 2021 for Asymmetric Organocatalysis has cited the research article by **S. Gazi et al.** in *Applied Catalysis B: Environmental* 2011, 105, 317-325, Impact Factor: 19.5 on metal free organic photoredox catalysis in his research article published in *Chemical Reviews* 2013, 113, 5322-5363 with the citation number 51.

USTM Newsletter

UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

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Unveiling Excellence

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January, 2022

Highlights of the issue

- Villagers visited and blessed USTM on the 1st Day of New Year
- Girl talents from USTM awarded Young Female Achiever by NIPER
- 20 Faculty Members of USTM Felicitated for their Research Publications in UGC Care Listed Journals
- USTM VC chaired Eastern Zone VC's Meeting at Tezpur University
- National Conference on "Management Strategies and Sustainable Strategies"
- Training Programme on Low Cost Mushroom Cultivation
- Initiative for rural school talents to crack Civil Service
- USTM Celebrates 73rd Republic Day
- Poetry Consortium
- Socio-economic survey
- Launching of Value Added Courses
- PNB Collaborates with USTM to provide Free Education to girl child
- Debate on Brain Drain
- Two scholars awarded Ph.D. Degree



2000 Villagers visited and blessed USTM on the 1st Day of New Year



More than 2000 people, including kids, youngsters, women and elderly ones from all the neighbouring villages visited USTM campus on 1st January 2022 to bless the university on the occasion of the beginning of the New Year-2022. They mingled with the students and other members of the university family along with the Chancellor Mahbubul Hoque and Vice-Chancellor Prof.G.D. Sharma to celebrate the day with traditional music and dance in a procession around the campus that finally gathered at the Central Auditorium of USTM where all the people prayed for more success and advancement of the university.

The USTM Chancellor openly invited them to avail educational and economic benefits from the university. He expressed his commitment towards an overall educational development and promised that USTM will provide free education to all the kids and youth of the area. On this very day itself, a BBA passed girl student from the neighbouring village was even offered to pursue MBA at USTM free of cost. He also committed to give entrepreneurial support to the families of the neighbouring villages.

20 Faculty Members of USTM Felicitated for their Research Publications in UGC Care Listed Journals

In a gesture to encourage research and innovation, the Hon'ble Chancellor of USTM Mahbubul Hoque, on 3rd January, felicitated 20 faculty members from different departments of USTM whose research papers have been published in various UGC Care listed journals during the months of November and December 2021. The Chancellor also announced that from now onwards, on the first Saturday of every month, the university will carry on this initiative for overall development of Research and Innovation in the university. Apart from the USTM VC, Pro VC, Director Administration and Advisor, Mr Shio Shankar Singh, General Manager cum Zonal Manager of Punjab National Bank, Guwahati was also present in the felicitation program.



Faculty Achievement

Some of the Research Papers Published during January

1. **Dr Rrashmi Baruah**, 'Anvesak', UGC Care Group-1, Peer Reviewed , ISSN:0378-4568, Team Effectiveness Model in Telecom Sector, January'22
2. **Dr. Nicholus Bhattacharjee**, The Journal of Physical Chemistry B, Probing Liquid-Ordered and Disordered Phases in Lipid Model Membranes: A Combined Theoretical and Spectroscopic Study of a Fluorescent Molecular Rotor, 10th January, 2022, IF: 2.991
3. **Dr. Golam Mohiuddin**, Chemical Science, Observation of "de Vries-like" properties in bent-core molecules, 18th January, 2022, IF: 9.825
4. **Dr. Baharul Islam**, NIU International Journal of Human Rights, A Socio-Legal Study on Changing Dimensions of Environment Pollution Control in India, January 2022, IF:4.7
5. **Dr. Pallab Kalita**, Pharma Times, Text Book of Pharmaceutical Calculation and Extemporaneous Preparations, January 2022
6. **Dr.Thagi Ram Gogoi**, Perspective on Global development and technology, Insurgency and counterinsurgency Operation in Assam: A historical- sociological perspective, Jan-22
7. **Dr.Jonali Chetia**, Journal of Education: Rabindra Bharati University, A Study on Co-Curricular Activities at Secondary School, January 2022, IF: 5.8
8. **Dr. Sanjib Dutta**, International Journal of Creative Research Thoughts, An Analysis on the Plight of Domestic Workers During Covid-19 Pandemic, 2020- A Case Study in Guwahati City, January 2022, IF: 7.99
9. **Prof. Karobi Saikia**, International Journal of Entomology Research, Aquatic insect (Coleoptera and Hemiptera) diversity in relation to physic-chemical parameters in Dura Beel, Assam, India, 12th January, 2022 (RJIF)
10. **Dr. Mautushi Das**, Sustainable water resources management (Springer), Seasonal monitoring of algal diversity and spatiotemporal variation in water properties of Simsang river at South Garo hills, Meghalaya, India, 4th January 2022, IF: 1.64
11. **Dr. Carefulness M. Dirborne**, International Journal of Biology, pharmacy and allied sciences, Effect of pH specific conditions on the growth of Chlorococumhemicola (Negeli) Rabenhorst: A growth standardization study on an emerging alga in bio production and bioremediation, 1st January 2022, IF: 1.71
12. **Prof. Aranya B Bhattacharjee**, Physica Scripta, Nonlinear optical response in coupled quantum wells optomechanical microcavity, 12th January, 2022, IF: 1.985
13. **Dr. Yugal Kishore Mohanta**, International Journal of Molecular Sciences, Exploring the Bioactive Potentials of C60-AgNPs Nano-Composites against Malignancies and Microbial Infections, 10th January 2022, IF: 5.924
14. **Pinky Deka**, Polymers, Applications of inorganic nanoparticles in food packaging: a comprehensive review, 27th January 2022, IF: 4.329



From the Desk of the Vice Chancellor



The University of Science and Technology Meghalaya is a research and innovation driven university which is relentlessly working for quality higher education to foster economic and social development of the region in an inclusive manner. University is a platform for enrichment of the students in academic, social and spiritual values. USTM is consistently pursuing this goal.

The University has been engaged in organizing workshops, faculty development programmes, talks by eminent personalities for catering the needs of faculty and students of various disciplines. In order to boost research culture and promote quality research and innovation, the university has felicitated and rewarded cash awards to faculty members from different departments of USTM whose research papers have been published in various International Journals and UGC Care listed Journals. I congratulate the editorial team of the newsletter for coming up with this issue.

Prof. G. D. Sharma
Vice Chancellor

All India Political Science Conference

The 59th All India Political Science Conference & International Seminar on "Global Rise of Incredible India" began on 26th March at the University of Science & Technology Meghalaya (USTM) with participation of more than 1000 distinguished guests from across the country including 13 acting and former Vice Chancellors of different universities, Professors and scholars of Political Science. Held in the North East India for the first time, this two-day-long mega academic event is jointly organized by the Indian Political Science Association (IPSA) and USTM on 26th and 27th of March.

The inaugural session of the Conference began with welcome address by Prof. Gauri Dutta Sharma, VC, USTM. Then Prof. Sanjeev Kumar Sharma, VC, Mahatma Gandhi Central University and General



Secretary and Treasurer IPSA expressed his gratitude towards USTM family and Chancellor Mahbubul Hoque for hosting the conference and presented the IPSA report. Prof. Jayant K. Mohapatra, Former VC, Berhampur University and Prof. Nani Gopal Mahanata, Academic Advisor, Government of Assam delivered their speeches as Guest of Honour.

Addressing the scholarly gathering, Prof. Santishree Pandit, President of IPSA and VC, JNU, New Delhi said that educational institutions require private participation like that of USTM. "In India the concept of unity is the concept of diversity, the celebration of diversity is our cultural strength not our weakness. The rise of incredible India lies in ideas, in narratives of civilizations, the uniqueness of India as a civilization is assimilation", she added. The inaugural function of this prestigious conference was also addressed by Mahbubul Hoque, Chancellor of USTM; Prof. R. Thandavan, former President IPSA and former VC, University of Madras. After the announcement of various IPSA National Awards, Dr. M. Nazeer Hussain, the Local Organizing Secretary and HOD of Political Science, USTM delivered the vote of thanks. The Conclave also comprises a Book Exhibition, Prof. M S Chaturvedi Memorial Lecture, Plenary on Ek Bharat Shreshtha Bharat, Symposium on Amrit Mahotsava of Indian Independence as well as a Cultural Programme by USTM students showcasing the ethnic diversity of the north-eastern region.

International Women's Day celebrated by various Departments

The International Women's Day-2022 has been celebrated on 8th March by different departments of USTM at Jorbil village, USTM campus as well as at the Sijubari area of Guwahati city.

The Social Work Department of USTM celebrated International Women's Day by organizing awareness talk on women empowerment, wage discrimination at work place and other legal systems at Sijubari LP School in Guwahati. The Chief Guest on the occasion was Ms Joyshree Khersa, SP, F & E Guwahati city. This year's theme is "Gender Equality Today for a Sustainable Tomorrow". The event took place in a slum area amongst the women of minority community to sensitize them on legal rights with special reference to domestic violence. In order to conduct the programme smoothly, the department distributed leaflets 2 weeks before the program amongst the community people. The student social workers mobilized the community people a week before the program. In her speech, the chief guest said that women can receive assistance and support from police department whenever required with proper proceedings.



A Women Entrepreneurship Awareness Camp was arranged for the people of upper Jorbil Village, Meghalaya, by the Department of Applied Biology, USTM. The women were made aware regarding entrepreneurship along with demonstration of different techniques which would help them to process their raw materials into final products and also made them aware of the benefits they will be getting from that. Their names and contact numbers were collected to contact them and train them in a way in order to make them economically strong and independent.

In another programme, USTM's Sociology Department celebrated International Women's Day by felicitating female working staff of the university. Prof. G. D. Sharma, Hon'ble VC, USTM along with Dr R K Sharma, Prof B. I. Laskar, Dr Thagi Ram Gogoi and faculty members of the department were present on the occasion.

The Department of Botany celebrated the day by organizing Yoga and women health awareness program at Umduba in collaboration with yoga centre USTM. They have discussed about how to improve lifestyle through yoga, especially women's health. Instructions on some basic yoga stretching which are common and anybody can do along with deep breathing for controlling anger, emotions and anxiety were demonstrated.

Bibliometrics Reward & Recognition Programme



17 faculty members of USTM were felicitated in the felicitation ceremony for researchers of the month at NKC Auditorium. The faculty members belonging to various departments published research papers in UGC care listed journals and chapters in books. They were honoured with certificates and cash awards. The ceremony took place in the presence of Hon'ble Chancellor M Hoque.

Researchers of the Month felicitated



On 9th March, felicitation ceremony for Researchers of the month was held at NKC Auditorium where faculty members from various departments who published research papers in UGC care listed journals and those who published chapters in books were honoured with certificates and cash awards. The ceremony took place in the presence of Hon'ble Chancellor M Hoque and Hon'ble VC Prof G D Sharma apart from others.

World Poetry Day



On 21st March, World Poetry Day was celebrated at NKC Auditorium of USTM. The programme was organized by the Department of English and Poetry Consortium and sponsored by IQAC USTM. Renowned poet and writer Anupama Basumatary was the Chief Guest on the occasion.

MoU with Cyberlaw University



On 17th March, USTM signed a Memorandum of Understanding with Cyberlaw University New Delhi. Signed on virtual mode, the MoU signing on the part of USTM was done by Prof GD Sharma, VC, USTM and other officials at the Conference Hall of Block A. On behalf of Cyberlaw University, Dr Pavan Duggal Founder and Chancellor and Ms Kusum Duggal Vice Chancellor signed. Cyberlaw University is an online University that is specifically dedicated to the study of Cyberlaw and related legal issues.