



Indian Institute of Technology Guwahati
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The Monthly Newsletter of IIT Guwahati
Volume I, Issue I, July 2019



PROF. DR. T. G. SITHARAM TAKES OVER AS THE DIRECTOR, IIT GUWAHATI

Prof. Dr. T. G. Sitharam took over as the Director, Indian Institute of Technology Guwahati on 1 July 2019. He was a Senior Professor, Department of Civil Engineering, Indian Institute of Science (IISc), Bangalore, India. He was formerly a Chair Professor in the area of Energy and Mechanical Sciences at IISc. He was former founder Chairman of Centre for Infrastructure, Sustainable Transport and Urban Planning (CiSTUP) at IISc, Bengaluru. Presently, he is the Honorary Professorial Fellow at University of Wollongong, Wollongong, Australia from 2019-2022 and Distinguished Professor at Hankou University International Innovation Centre, China. Presently, he is the Chairman, Research Council, CSIR-Central Building Research Institute (CBRI), Roorkee. He is the Chairman, Executive council of Visvesvaraya Industrial & Technological Museum, Bangalore. He is a governing council member of National council for Science Museums (NCSM), Govt. of India and EC member of AICTE, Govt. of India, New Delhi. He is the founder President of International Association for Coastal Reservoir Research (IACRR), registered in NSW, Australia. He is the President, Indian Society for Earthquake Technology (ISET), Roorkee. He is presently the Chairman, AICTE South western zonal committee, Regional office at Bengaluru. Formerly, he was a Visiting Professor at Dalhousie University, Canada; Yamaguchi University, Japan; Indian School of Mines (IIT-ISM), Dhanbad; and William Mong fellow at University of Hongkong, Hongkong. He was the vice president of Indian Society for Earthquake Technology (ISET) and Vice President of Indian Society of Earthquake Science (ISES).

He obtained his bachelor's in civil engineering from Mysore University, India, Master's in Civil engineering from IISc, India (1986) and Ph.D. in Civil Engineering from University of Waterloo, Waterloo, Ontario, Canada (1991). Further, he served as a Research Scientist (for his

post-doctoral work) at centre for earth sciences and engineering in the Department of Petroleum Engineering, University of Texas at Austin, Texas, USA until 1994. During this time, he has done lead research on sand production, wellbore stability and hydraulic fracturing in petroleum wells supported by many oil companies. Earlier, he served as a lecturer for six months in 1991 at University of Waterloo, Ontario, Canada and taught Geotechnical engineering. Over the last 35 years, he has carried out research and development extensively in the area of geotechnical and infrastructure engineering, and has developed innovative technologies in the area of fracturing and geotechnical applications, leading to about 500 technical papers, 12 books with an H-index of 39 and I-10 index 103 with > 4500 citations. He has 5 patents, more than 120 consulting projects and 2 start-up companies to his credit. He is responsible for designing, restoration and expansion of several earth dams for raw water ponds, tailing ponds, ash ponds and red mud ponds across India. He has guided 30 Ph.D. students at IISc and 30 Masters Students and trained several postdoctoral and several thousand industry professionals and teachers through continuing education workshops. Presently he has another 9 PhD students at IISc, Bangalore. He is the Chief editor of International Journal of Geotechnical Earthquake Engineering, (IJGEE), PA, USA. He is the Editor-in-Chief, Springer Transactions in Civil and Environmental Engg. series, Book Series, Singapore. He is also fellow of many societies and actively engaged in socially relevant projects.

He has received many awards to his credits. In 2015, he received IGS Kuckleman Award for his life time contributions in Geotechnical Engineering, Prof. Gopal Ranjan research award (2014) from IIT Roorkee for his pioneering contributions to Geotechnical Engineering



in the country. He was conferred with Amulya and Vimala Reddy Lecture Award at IISc, Bangalore in the field of Sustainable Development (2014). He is also the recipient of Sir C. V. Raman State Award for Young Scientists, Government of Karnataka, (2002) in recognition and appreciation of exceptional contributions to Engineering Sciences, S.P. Research award (SAARC) from SP research foundation (1998), USA for his contributions to geotechnical Engineering in SAARC countries. He has also received many best paper awards for his papers published in conferences and journals.



Prof. T. G. Sitharam addressing employees of IIT Guwahati



Prof. Gautam Biswas handing over charge of the Director of IIT Guwahati to Prof. T. G. Sitharam

VISIT OF HON'BLE MINISTER OF HRD TO IIT GUWAHATI



Dr. Ramesh Pokhriyal 'Nishank', the Hon'ble Union Minister of Human Resource Development visited Indian Institute of Technology Guwahati on 6 July 2019 and interacted with the Director, Deputy Director, Deans, Associate Deans and other Officers of the Institute. Dr. Pokhriyal 'Nishank' expressed his satisfaction over the rapid growth IIT Guwahati has achieved during the twenty-five years of its existence. He congratulated the Director, faculty members and students for the academics and research work being carried out in the Institute and for developing world class infrastructure including state-of-the-art equipment and machineries for carrying out research in advanced frontiers of science and technology.

Speaking about IIT Guwahati being ranked seventh in Engineering and ninth in Overall category in National Institute Ranking Framework (2019), Dr. Pokhriyal 'Nishank' said that the ranking proves that the young Institute is moving in the right direction towards achieving excellence. He said that the efforts of the Institute have also ensured International rankings where IIT Guwahati is placed at 491 (QS World Rankings 2019) in overall and 79 among the Young Universities (under 50 years of age) categories respectively in the world. He assured the Institute of all possible support in terms of further strengthening of infrastructure and providing other necessary resources.

Dr. Pokhriyal 'Nishank' urged the faculty members to work on the areas of strength of the Institute and be the best in those areas. He assured that funds will never be a constraint for those Institutes who carry out research works in solving problems of the citizens of the country and ensure technology reaching the households of the common man. He emphasised on joint work with other top notch academic institutes of the country for solving the myriad problems of basic amenities that the citizens of the country face. He also asked IIT Guwahati to work closely with other institutions of the North eastern region, which is a priority for the Government, to guide the region in to a new era of progress and development.



Prof. T. G. Sitharam, Director, IIT Guwahati also presented his detailed vision plan to the Hon'ble Union Minister. During the visit, the Hon'ble Minister planted a sapling in the campus.





The Hon'ble Chief Minister of Assam, Shri Sarbananda Sonowal welcomed by Prof. T. G. Sitharam, Director, IIT Guwahati

VISIT OF HON'BLE CHIEF MINISTER OF ASSAM TO IIT GUWAHATI

The Hon'ble Chief Minister of Assam, Shri Sarbananda Sonowal visited IIT Guwahati on 7 July 2019 and had a meeting with Prof. T. G. Sitharam Director, IIT Guwahati. On the sidelines of Self-Management of Excessive Tension (SMET) program, organised by the Institute for the first time for Administrative Officers and the Deans, the Chief Minister gave a patient hearing to the submission made by Prof. Sitharam, on the ongoing socio-economic and technology transfer activities undertaken by IIT Guwahati for the upliftment of livelihood of rural populace BPL.

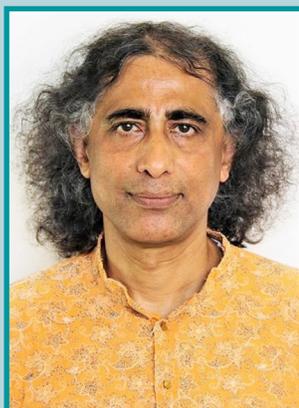
Prof. Sitharam also conveyed to the Hon'ble Chief Minister, about his plans for bringing in young scientists in large numbers through an engineering/scientific talent hunt among Class 10-12 students, from Govt. Schools of Assam and North-East States and provide them with real experience of the scientific and technological environment at IIT Guwahati and imparting them 15 days in-house discourse for shaping as well as motivating these young talents. During the discussions, the Director placed a proposal seeking all-round cooperation of the State Government for different activities under the UBA Schemes as State Government's support for such activity is sine qua non.

The Director also placed a request for allotment of an additional 100 acres land to meet the growing needs for additional campus, due to

increased student strength and R&D etc. activities. It is pertinent to mention here that Dr. Hongasandra Ramarao Nagendra, Guruji, Chancellor of Vivekananda Yoga Anusandhana Samsthana (VYASA) Bangalore, who was in the Institute to give a lecture on this SMET Program, was also present during the meeting of the Director with the Hon'ble Chief Minister. The Hon'ble Chief Minister gave assurance to extend all possible assistance and support to the requests by IIT Guwahati.



Prof. T. G. Sitharam, Dr. H. R. Nagendra, Prof. A. D. Sahasrabudhe along with the participants of the SMET programme



Prof. Arun Chattopadhyay has been elected as an Fellow by the Indian National Science Academy for his fundamental contributions to nanoscale material science and technology by way of devising new methods of synthesis as well as applications in submicron scale color lithography and tunable luminescence of quantum dot complexes.



Dr. Uttam Manna has received the INSA Young Scientist Medal 2019 in Chemical Sciences



NEW COURSES INTRODUCED

International Joint Degree Programs with Gifu University, Japan

The Indian Institute of Technology Guwahati has begun its first International degree from this academic year 2019 with formal registration of students from Gifu University, Japan at IIT Guwahati, India. Following agreements signed with Gifu University Japan, bilateral movement of at least 14 undergraduate/postgraduate students has started for following three international programs:

International Joint Master's Degree Program in Food Science and Technology

International Joint PhD Program in Food Science and Technology

International Joint PhD Program in Integrated Mechanical Engineering

As part of the joint International agreement between the two Institutes, four Japanese students (04), including three girls and one boy, from Gifu University, Japan, have enrolled for the program in April 2019 and visiting IIT Guwahati, India for six months this year. Similarly, four Indian students, including three boys and one girl, from IIT Guwahati have enrolled for this program in July 2019 and would be visiting Gifu University, Japan in the year 2020 for six months. The courses, laboratory work, projects for the program will be jointly taught and supervised by faculty members of both the institutions.

In addition, four students from India have also been registered for the International Joint PhD program in Food Science and Technology, and for the International Joint Degree program in Integrated Mechanical Engineering.

It is also pertinent to mention that to encourage bilateral mobility of students between IIT Guwahati, India and Gifu University, Japan, Gifu University hosts the 'Winter School Program' for IIT Guwahati students every December at Gifu University, Japan while IIT Guwahati hosts the Spring School Program for Gifu University students at IIT Guwahati in the month of March. These two short term academic programs, each of three weeks duration, further facilitate mobility of at least 12 students between the two countries to promote education and research programs.

M. Tech in Data Science

Automation is taking the front seat in technology, percolating in every aspect of business, engineering and science. Today automation is bringing a new information revolution. Its roots stems from the inter-disciplinary domain which includes artificial intelligence, data mining, machine learning and data analytics. At IIT Guwahati, independent efforts to offer related courses across departments, conduct and carryout research & development studies and train resources adding momentum to the field. Existing M. Tech programme in Department of Computer Science and Engineering (CSE) and Department of Electronics and Electrical Engineering (EEE) demand specific background whereas the fields like artificial intelligence / machine learning / data mining being interdisciplinary needs flexible background requirements and specialized / focused training.

Given the interdisciplinary nature of the M. Tech in Data Science programme with diverse student background and the fact that three departments are coming forward to offer this programme the committee came up with the proposal of having 5 core course comprising of 10 modules, 7 lab courses, 4 electives and 2 projects. Every core course is proposed to be comprising of two half courses. This is designed in order to have a cap on the expected load from this programme to faculty of participating department to be ½ core course and one lab course per year.

WORKSHOP ON 'SEEKING SUSTAINABLE SOLUTION TO WATER & STATE SPECIFIC ACTION PLAN (SSAP)

In the backdrop of the Assam deluge that has been taking a toll on human life and animal life besides severe damage to property, and as most of the country is facing a severe water crisis, Indian Institute of Technology Guwahati conducted a mission-critical workshop on 'Seeking Sustainable Solution to Water & State Specific Action Plan (SSAP) for Water Sector of Assam' on 25 July.

Supported by the Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation, the discussions in the workshop revolved around the themes of – current water requirement, provision, utilization and their future projections; challenges of water availability for current and future scenarios in

respective water sectors; strategies for meeting current and future water demand in the country; call for a state-specific action plan for meeting current & future demand of water.

With the water resources of the country under severe stress with continuous decline in per capita water availability, the workshop discusses the significance of the State Specific Action Plan to achieve the objectives of the National Water Mission. The SSAP for water sector needs to be formulated based on scientific assessment of the supply and demand side of water resources and vulnerability to climate change.



The workshop covers the following critical analysis and solutions:

- Existing water scenario based on current and past data on supply and demand side;
- Critical review of existing water policies; identifying current and future development needs and challenges, vulnerable areas and communities;
- Evolve and formulate performance indicators for water cycle;
- Formulate annual State Water Budgets;
- Document assessment / impact of Climate Change on the State – resources, and livelihoods;
- Formulate a strategic action plan including location and context specific contingency plan to manage the impact of climate change;
- Formulate a comprehensive and integrated water plan for water security, safety and sustainability till 2050 through convergence and accountability from Government and non-Government organizations

Several leading experts are presenting their views at this workshop at IIT Guwahati. The speakers include:

- Dr. Arup Kumar Misra, Director Assam Science Technology & Environment Council
- Prof. Shu-Qing Yang, Associate Professor and Dr. M. Sivakumar, Associate Professor, School of Civil Mining and Environmental Engineering, University of Wollongong, Australia
- Dr. Sreevalsa Kolathayar, Associate Professor, School of Civil Engineering, VIT, Vellore
- Prof. T.G. Sitharam, Director, IIT Guwahati
- Prof. Chandan Mahanta, Head, Dept of Civil Engineering, IIT Guwahati

Welcoming the delegates to the workshop at IIT Guwahati, its Director Prof. TG Sitharam said, “There is no shortage of water in the world, particularly in India; there is a shortage of storage of water close to where water is required. This workshop is being held at our campus at IIT Guwahati at a critical time when the country is going through a severe water crisis at one end, and a deluge in Assam. Strategies to address water conservation and preservation need to be adopted

from our traditional water harvesting systems and structures such as Tankas, Dongs, Bavadi, Khadin / Dhora, check-dams, bandharas and cheruvus and explore possible solutions such as sub-surface dykes, sub-surface dams or underground dams or sand dams and coastal reservoirs”.

Prof. Chandan Mahanta, Head, Department of Civil Engineering, IIT Guwahati, opened the workshop with a welcome address to the

audience followed by a presentation on ‘Geotechnological solutions for sustainable strategies in water resource development’ by Dr. T.G. Sitharam, Director. Prof. Mahanta presented on ‘Transforming hydro disaster to hydro prosperity in the most complex hydroscapes of the world’.

Speaking about his views on the water situation in Assam and the current deluge, Dr. Arup Kumar Misra, Director Assam Science Technology & Environment Council and Assam Energy Development Agency, said, “Assam’s State Water Policy was drafted about 12 years back by a committee of experts who have given several sustainable solutions for water preservation, conservation, rain water harvesting and a water budget, including reviving traditional methods. This policy needs to be urgently revived and implemented by the State.”

The workshop also discussed critical action items for conservation of water such as:

- Less dependency on groundwater;
- Assured supply of drinking water;
- Mandatory sewage treatment for recycling and reuse of water;
- Periodical scientific assessment of water inventories both groundwater and surface water;
- ‘Conservation consciousness’ should be promoted;
- Fisheries should be made a part of integrated water resources management system.

The SSAP workshop aims at achieving outcomes that included:

Annual State/UT Water Budgeting (to be undertaken annually)

One State Government Department to be designated as responsible for coordinating and monitoring water resources in the State comprehensively

Institutional Mechanism to monitor the development and use of water resources comprehensively at State level including measurement at Supply and Demand side and strict monitoring of Quality and fixation of accountability

Contingency Plan to address climate change impact on water

SSAP on water security, safety and sustainability till 2050.

CAPACITY BUILDING PROGRAMME ON 'BECOMING A PLANT DOCTOR'



The Centre for Rural Technology (CRT) of Indian Institute of Technology, Guwahati (IITG) in collaboration with MS Swaminathan Research Foundation (MSSRF) and Centre for Agriculture and Bioscience International (CABI) New Delhi organized a week-long capacity building programme on 'Becoming a Plant Doctor' from July 15 to July 19, 2019. The workshop was attended by subject-matter specialists from various Krishi Vigyan Kendras (KVKs) of Assam and Odisha, researchers from MSSRF, Assam Agricultural University (AAU), National Rice Research Institute (NRRI) and IIT Guwahati.

The core themes of the workshop included Knowledge Management and Capacity Building which would augment the capacity building of the small farmers and associated stakeholders in addressing the issues in enhancing the resilience capacity in the context of climate change. Management of plant health assumes greater importance to reduce the risk in crop cultivation. The current advisory systems available to meet the challenge is inadequate and require a paradigm shift in the approach.

'Becoming Plant doctor' under CABI Plantwise programme aims to build the capacities of participants about field diagnosis and operations of clinics. Participants were exposed to a variety of crop pests (fungi, bacteria, virus, insect, mites etc.) through presentations, classroom exercises, group exercises and practical sessions.

Field samplings were also carried out for a live demonstration of various modules. Plant wise is a global programme led by CABI, which works to help farmers lose less of what they grow to plant health problems.

The inaugural address was delivered by TG Sitharam, Director, IIT Guwahati, where he talked about the need for such farmer-friendly, science and technology-based advisory systems in building the resilience among small and marginal farmers. He also advised the team to develop a potential programme in similar lines on 'Becoming a Water Doctor'.

The programme began with the welcome address by Sudip Mitra, Associate Professor, CRT, IIT Guwahati. The goal and objectives of the RESILIENCE Project were explained by Dr Sanjay Kumar Chetia, Principal Scientist, Assam Agricultural University, Jorhat. R Rajkumar, Senior Scientist, MSSRF spoke on the purpose of the training programme. Prof SK Kakoty, Head, CRT, IITG delivered the Special address.

MS Swaminathan Research Foundation (MSSRF), Odisha University of Agriculture and Technology (OUAT), Assam Agricultural University (AAU), National Rice Research Institute (NRRI) and International Water Management Institute (IWMI) are implementing a four year project on Climate Resilience with the financial support of Norwegian Institute of Bio-economy Research, Norway since Oct 2018.

The project is being implemented in the two states of Odisha and Assam. The overall goal of RESILIENCE project is to improve agricultural productivity, adaptive capacity and livelihoods of smallholders to climate and economic changes by building resilience and strengthening the agri-product market value chains.

The trained participants will take this learning forward by conducting the plant clinics in their respective locations on regular intervals. CABI and MSSRF will extend the necessary supports in implementing this process at the field level.



Conference / Seminar Abroad

Dr. Rupam Barman, Associate Professor, Mathematics presented a paper at “31st Journee’s Arithmetiques 2019”, held at Faculty of Science, Istanbul University, Istanbul, Turkey from 01.07.19 to 05.07.19.

Dr. Pranab Kr. Mondal, Assistant Professor, Mechanical Engineering attended the “Collaborative Research Work on Magneto-Microfluidics” to be held at King Mongkut’s University of Technology Thonburi, Bangkok, Thailand held from 02.07.19 to 14.07.19.

Dr. Sachin Singh Gautam, Assistant Professor, Mechanical Engineering presented a paper at the “6th International Conference on Computational Contact Mechanics (ICCCM2019)” held at Leibnizhaus Hannover, Holzmarkt 4-6, 30159 Hannover, Germany from 03.07.19 to 05.07.19.

Dr. Konjengbam D Singh, Professor, Civil Engineering attended the “Ninth International Conference on Steel & Aluminium Structures (ICSAS 2019)” held at Hollins Hall Hotel & Country Club, Bradford, West Yorkshire, UK from 03.07.19 to 05.07.19.

Dr. Ajaikumar B Kunnumakkara, Associate Professor, Bioscience & Bioengineering participated in the “The International Conference on Pharmacology Advances in Translational Sciences & Drug Discovery 2019” held at Department of Pharmacology, Singapore University, Singapore from 04.07.19 to 05.07.19.

Dr. Ramesh Kr. Sonkar, Assistant Professor, Electronics & Electrical Engineering presented a poster at the “24th OptoElectronics & Communications Conference/International Conference on Photonics in Switching & Computing 2019 (OECC/PSC 2019)” held at Fukuoka, Japan from 07.07.19 to 11.07.19.

Dr. Swaroop N Bora, Professor, Mathematics presented a paper & poster at “Equadiff”, held at Leiden University, The Netherlands from 08.07.19 to 12.07.19.

Dr. Sachin Singh Gautam, Assistant Professor, Mechanical Engineering presented a paper at the “10th International Conference on Computational Methods (ICCM2019)” held at Marina Bay Sands Expo & Convention Centre, 10 Bayfront Avenue, Singapore 018971, Singapore from 09.07.19 to 13.07.19.

Dr. Vasundhara Jairath, Assistant Professor, Humanities & Social Science presented a paper at “The Decolonial Turn & the Humanities Curriculum: Prospects, Practice & Interventions” held at Future Africa Campus, University of Pretoria, Pretoria, South Africa from 10.07.19 to 12.07.19.

Dr. Sayan Kr. Chakrabarti, Assistant Professor, Physics visited Italy to carry out research work & attend an international instructional school, held at The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy from 10.07.19 to 23.07.19.

Dr. Dobbidi Pamu, Associate Professor, Physics attended the “f2c 2-

2019 Joint ISAF-ICE-EMF-IWPM-PFM Conference”, held at Swiss Tech Convention Center, EPFL, Lausanne, Switzerland from 14.07.19 to 19.07.19.

Dr. Samit Bhattacharya, Associate Professor, Computer Science & Engineering presented a paper at the “19th IEEE International Conference on Advanced Learning Technologies-(ICALT 2019)” held at Maceio, Alagoas, Brazil from 15.07.19 to 18.07.19.

Dr. Shreemayee Bora, Professor, Mathematics delivered a talk at the “International Congress on Industrial & Applied Mathematics (ICIAM 2019)” held at University of Valencia, Valencia, Spain from 15.07.19 to 19.07.19.

Dr. Sudarshan Kr. K, Assistant Professor, Mathematics delivered a talk at the “International Congress on Industrial & Applied Mathematics (ICIAM 2019)” held at University of Valencia, Valencia, Spain from 15.07.19 to 19.07.19.

Dr. Rafikul Alam, Professor, Mathematics delivered a talk at the “International Congress on Industrial & Applied Mathematics (ICIAM 2019)” held at University of Valencia, Valencia, Spain from 15.07.19 to 19.07.19.

Dr. Ranu Roychoudhuri, Assistant Professor, Humanities & Social Sciences presented a paper at “Eleventh International Convention of Asia Scholars (ICAS 11)”, held at Leiden University, Leiden, The Netherlands from 15.07.19 to 19.07.19.

Dr. Dilwar Hussain, Associate Professor, Humanities & Social Sciences presented a paper at the “6th World Congress on Positive Psychology” held at Melbourne Convention & Exhibition Centre, Melbourne, Australia from 18.07.19 to 21.07.19.

Dr. Bhaba Kr. Sarma, Professor, Mathematics presented a paper at “8th International Conference on Pure & Applied Mathematics (ICPAM 2019)”, held at Science & Engineering Institute, ICPAM, Brussels, Belgium from 22.07.19 to 25.07.19.

Dr. Amarendra Kr. Sarma, Professor, Physics attended the International Conference on Quantum & Nonlinear Optics (QNO2019) held at University of Malay, Kuala Lumpur, Malaysia from 22.07.19 to 26.07.19.

Dr. Deepanjan Kesh, Assistant Professor, Computer Science & Engineering presented a paper at “30th International Workshop on Combinatorial Algorithms (IWOCAL 2019)” held at University of Pisa, Italy from 23.07.19 to 25.07.19.

Dr. Sushanta Karmakar, Assistant Professor, Computer Science & Engineering presented a paper at the “30th International Workshop on Combinatorial Algorithms (IWOCAL 2019)” held at University of Pisa, Italy from 23.07.19 to 25.07.19.

Dr. Prabhu Venkataraman, Associate Professor, Humanities &

Social Sciences presented a paper at “Social Solidarity & Social Development”, held at Vietnamese Academy of Social Sciences, Hanoi, Vietnam from 24.07.19 to 25.07.19.

Dr. Sambit Mallick, Associate Professor, Humanities & Social Sciences presented paper at “Global Science, Technology & Society 2.0”, held at Rotterdam Fort, Makassar, Indonesia from 24.07.19 to 27.07.19.

Dr. Manoj Majhi, Associate Professor, Design participated in the “10th International Conference on Applied Human Factors & Ergonomics (AHFE 2019)”, held at Washington Hilton, Washington D.C., USA from 24.07.19 to 28.07.19.

Dr. Subashisa Dutta, Professor, Civil Engineering attended the “Asia Oceania Geosciences Society Conference” held at Singapore from 28.07.19 to 02.08.19.

Chandan Mahanta, Professor, Civil Engineering presented a paper at the “International Geoscience & Remote Sensing Symposium (IGARSS-2019)” held at Pacific Convention Plaza Yokohama (PACIFICO Yokohama), 1-1-1, Minato, Mrai, Nishi-ku, Yokohama 220-0012, Japan from 28.07.19 to 02.08.19.

NEW JOININGS



Dr. Palash Ghosh
Assistant Professor
Mathematics



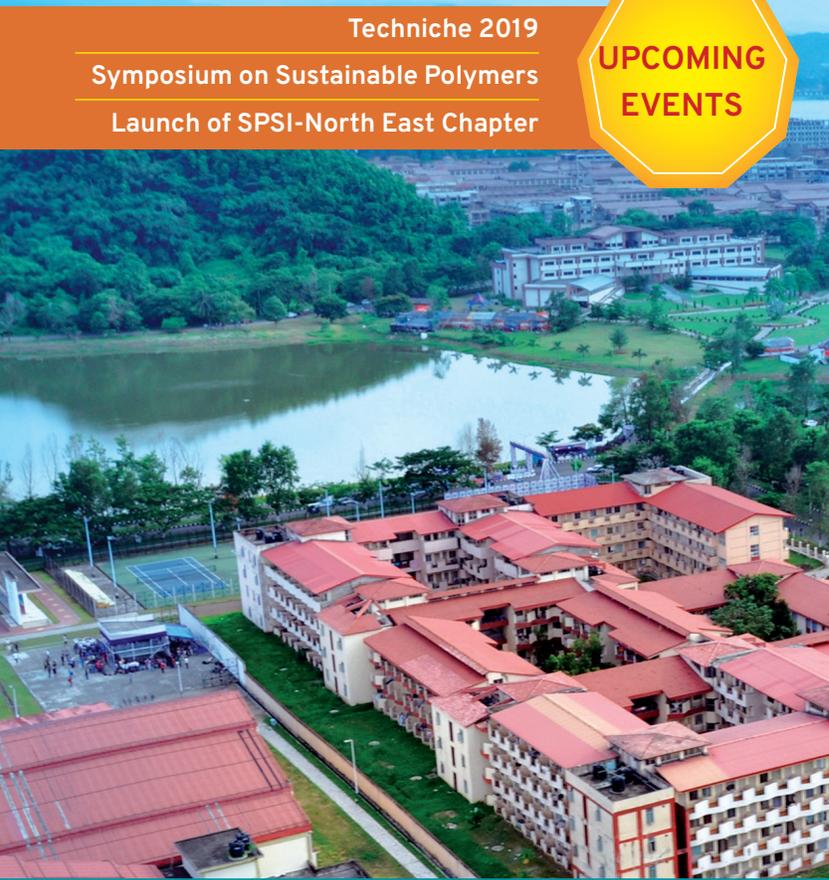
Prof. Anup Kumar Gogoi
Visiting Professor
Electronics & Electrical Engineering

IIT GUWAHATI SURPASSED THE TARGET FEMALE ENROLLMENT RATIO FOR 2019-20

IIT Guwahati has also surpassed the target for female enrollment by admitting 18.46% female students to B. Tech programme against projected target of 17% set for 2019-20 by JEE Apex Board Committee.

The admission for the academic session 2019 held in July saw a overwhelming response from the student community, especially the Bachelor of Design and Master of Design course saw a hundred percent admission rate. It may be noted that the Department of Design, IIT Guwahati was one of the first department to offer the four year B.Des degree in India. At present, the selection of students happens through Undergraduate Common Entrance Examination for Design (UCEED) conducted by IITs. The candidate should have passed the qualifying examination (Class XII or equivalent) with physics, chemistry and mathematics as subjects.

| Programmes | Seats Offered | Students joined | Percentage |
|------------|---------------|-----------------|------------|
| BTech | 796 | 772 | 97 |
| BDes | 56 | 56 | 100 |
| MTech | 573 | 552 | 96.34 |
| MDes | 34 | 34 | 100 |
| MSc | 153 | 146 | 95.42 |
| MSR | 18 | 13 | 72.22 |
| PhD | 294 | 236 | 80.27 |



Techniche 2019
Symposium on Sustainable Polymers
Launch of SPSI-North East Chapter



Indian Institute of Technology Guwahati
Guwahati – 781039, India

VIJNAPTI, the monthly Newsletter of Indian Institute of Technology Guwahati is published by the Peer Review and Institute Appraisal office, IIT Guwahati, Guwahati 781039. Materials for Publication in the Newsletter may be sent to the Peer Review and Institute Appraisal office by 3rd of every month (Email: newsletter@iitg.ac.in, Phone +91-361-2584000).