



Indian Institute of Technology Guwahati
 भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
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ज्ञानद्विप

The Monthly Newsletter of IIT Guwahati
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71st Republic Day Celebrations at IIT Guwahati

IIT Guwahati Ranks 20th in ‘Top 50 Young Universities in Chemistry’ in 2019 by Nature Index

Indian Institute of Technology Guwahati has featured in the ‘Top 50 young universities in Chemistry’ in 2019, according to Nature Index. IIT Guwahati has been ranked in the 20th position with 17.30 as the Fractional Count 2018 and 19 Article Count 2018 in the subject.

Speaking about the achievement of the Institute, Prof. T. G. Sitharam, Director, IIT Guwahati, said, "I am very pleased by this recognition bestowed upon IIT Guwahati by the prestigious Nature publication group. Research and Development are an integral part of the activities of the Institute and IIT Guwahati conducts world class research along with its regular academic programmes under all the Departments and the academic Centres. I would like to congratulate everyone at IIT Guwahati for the high ranking in the Nature Index and being among the best in the world as it has highlighted the research activities of the institute globally. This has also helped bring academia closer to the industry and understanding each other’s requirements has become easier. The position of IIT Guwahati in this ranking resonates with our vision of taking the Institute from being a ‘Tower of Excellence’ to a ‘Network of Excellence.’ The Institute is committed to work in this direction so that we can

extend our contribution towards the development of our nation."

SUBJECT	COUNT	SHARE
Physical Sciences	36	8.62
Chemistry	27	22.08
Life Sciences	2	0.39

The above table includes counts of research outputs for IIT Guwahati published between 1 October 2018 and 30 September 2019 that have been considered. These were independently tracked by the Nature Index and summarized. The output share from Chemistry was the highest with 22.08 followed by Physical Sciences at 8.62 and Life Sciences at 0.39. It must be noted that Indian Institute of Technology Guwahati is the only IIT to be featured in this list which also includes a total of 08 Institutes from India, 13 from China, 06 from Australia, 05 from South Korea, 03 from Germany, 02 each from France, Spain and United states, 01 each from Iran, Ireland, Israel, Italy, Japan, Singapore, Saudi Arabia, Sweden and Switzerland.

The complete ranking can be found at:
<https://www.natureindex.com/supplements/nature-index-2019-young-universities/tables/chemistry>

Hon'ble Minister of State for Human Resource Development, Communications, Electronics & Information Technology, Shri Sanjay Dhotre, Visits IIT Guwahati



Hon'ble Minister of State for Human Resource Development & Director IITG Inaugurate Centre of Excellence for Sustainable Polymers (CoE-SusPol)



Hon'ble Minister of State for Human Resource Development visits Technology Incubation Centre, IIT Guwahati

The Hon'ble Minister of State for Human Resource Development, Communications, Electronics & Information Technology, Shri Sanjay Dhotre, visited IIT Guwahati on 13 January 2020. The Hon'ble Minister of State was welcomed to IIT Guwahati campus by Prof. T. G. Sitharam, Director, IIT Guwahati, with a traditional phoolam gamocha.

The Hon'ble minister visited Kendriya Vidyalaya, IIT Guwahati, followed by various Departments and Centres across the Institute. Hon'ble Minister was welcomed and felicitated by Shri Varun Mitra, Deputy Commissioner KVS RO Guwahati and Assistant Commissioner Shri Venkatesh Prasad.

In his welcome speech, Shri Varun Mitra, Deputy Commissioner KVS RO Guwahati highlighted the achievements of KVIIT Guwahati in particular and the KVS in general. This was followed by welcome song and other cultural programmes by the students of KVIIT Guwahati.

Prof. T. G. Sitaram, Director, IIT Guwahati, delivered his keynote address to the gathering. After that the Hon'ble Minister Shri Sanjay Dhotre delivered his address at length to all the students, teachers and other dignitaries. In his address, he talked about the character building of the students, interactive way of learning between teachers and students and social engineering. He also appreciated the achievements of teachers of KVIIT Guwahati. The programme ended with the vote of thanks by Shri Haripada Das Principal KVIIT Guwahati and Tree Plantation by the Hon'ble Minister, the Director IIT Guwahati, the Deputy Commissioner, KVS RO Guwahati and the Nominee Chairman, KVIIT Guwahati.

Further, the Hon'ble Shri Sanjay Dhotre, visited and interacted with the Students, Staff, Faculty members of Centre for Nanotechnology, IIT Guwahati. He visited the state-of-art micro/nano fabrication, nanomaterials characterization, and testing labs as well as the Clean Room Facility while interacting one to one with about 40 Research Scholars. The students showed him the latest cutting-edge R&Ds on the developments of Superhydrophobic Surfaces, 3D printed Artificial Organs, Sensors, LEDs, Energy Harvesters, fingerprint technology and Point-of-Care testing Devices using the principles of Nanoscience and Nanotechnology. He also met students who have done a start-up in the name of M/S Primary HealthTech Private Limited to develop Health Care technologies for the economically weaker section of the country through frugal innovation.

Thereafter, hon'ble Shri Sanjay Shamrao Dhotre visited the Electronics and Electrical Engineering Department of the Institute. The Head, Department of EEE felicitated the visiting dignitary and presented a brief profile of the department. In his address to the assembled faculty/staff members, Shri Dhotre expressed satisfaction with the progress made by the department and enquired about the future goals.

This was followed by a visit to the Centre of Excellence for Sustainable Polymers (CoE-SusPol) where the co-ordinator of the centre, Professor Vimal Katiyar briefed him about the various activities of the Centre concerning synthesis and manufacture of various types of Biodegradable Plastics (Polylactic acid, Polycaprolactone, Polyhydroxyalkanoate, Starch, etc.) and its processing, characterization and bio-composting of various real-time applicable plastic products. The hon'ble minister also inaugurated the Green House Facility of the Centre, where work related to the study of the biodegradation potential of the manufactured products after its service life will be carried out at different stages using multiple varieties of seasonal crops. The green house facility will also cater to the testing of slow release behaviour of fertilizers from the polymer coated urea beads.

The hon'ble minister was further presented with India's first ever biodegradable plastic-coated bag developed at CoE-SusPol from bio-based resources. The bag can be further made into large sacks for carrying agricultural products and other commodities. This bag can also serve the day-to day needs of the common people and will help in replacing non-degradable plastic products from the market. After its use, the bag can be degraded in the natural environment within a specific time, without leaving any toxic residues. This leads to sustainable development of the environment, thereby, reducing the menace of plastic pollution.

The hon'ble minister further visited the Center for Rural Technology (CRT) where various research activities being pursued in the Center were demonstrated by the Head, CRT Prof. S. K. Kakoty, other faculty members as well as students of the Center. The minister also visited the Technology Incubation Center (TIC) of IIT Guwahati where activities related to the TIC was presented by the Head, Prof. Darun Singh. The hon'ble minister also interacted with the Electronics and ICT academy and the SAMEER facility and appreciated the commendable work being done.

Apart from the above Shri Sanjay Dhotre accompanied by the Director, Prof. T. G. Sitharam also took out time to visit the supercomputing facility (PARAM) of the institute.

The visit of Hon'ble MoS ended with an address to the Director, Deans & Associate Deans, Registrar, Heads of various Departments and Centers and Officers of the institute.



Hon'ble Minister of State for Human Resource Development visits Centre for Rural Technology, IIT Guwahati



Hon'ble Minister of State for Human Resource Development visits Nanotechnology, IIT Guwahati

Theme of the Colloquium: Truth and Non-Violence: Gandhi in the Post-Truth Era

Mahatma Gandhi led the movement for swarajya in the early decades of the twentieth century. He spoke for and represented the voices of hundreds of millions of people long suppressed by the oppressive regime of the British and beset within by exploitative social and religious structures. India's struggle for independence was also an experiment – widely acknowledged and revered – an assertion of what Gandhi called 'soul force' over 'brute force' or 'truth' over 'untruth'. This experiment was the fountainhead of inspiration, as has been well documented, for the movements led by Martin Luther King in the USA and Nelson Mandela in South Africa. Gandhi's moral philosophy and the forms of protest which he generated continue to guide a wide range of social, political and ecological movements in India and abroad.

As the late capitalist world order gathers its politico-technological might through mass media and social media with their various capacities to alter the real, influence minds and direct trends, how may the small still voice of truth prevail? How may truth be lived and practiced in a world spectacularly marked by its absence? Are we really living in this era of 'Post truth'? Or is it merely a byproduct of populist regimes across the world and their seeming disregard for facts and reasoned debate? How do the wise strategies of Gandhi, hammered on the anvil of truth and non-violence, still offer creative challenges to this new 'Post-Truth' society, where every sphere of our collective lives: social, religious and political, is marred by insecurity, polarization and violence? How indeed do some people and organizations carry forward their work inspired by the ideals of truth and the collective good?

These were some of the questions that the topic of the colloquium set into motion. Held from 8-9 January 2020, It was inaugurated by Prof. T. G. Sitharam, the Director of the institute. Prof. J.S. Patil, the Vice-chancellor of NLUJA, Assam was invited as the Guest of Honour during this ceremony.

Many distinguished speakers were invited to the colloquium and bring their knowledge and expertise to imagining Gandhi in our times. The renowned historian Prof. Sugata Bose, Gardiner Professor of History, Harvard University delivered the keynote address

on "Gandhian Truth against Colonial and Post-Colonial State Power". Prof. Manindranath Thakur attempted to locate Gandhi within the Indian intellectual tradition. Prof. Samantak Das who has been associated with an NGO offering vocational training to impoverished young people spoke on Gandhian Basic Education as conceptualized in theory and practice. Vijay Deewan, carrying forward the legacy of the Mahatma and Vinoba Bhave has taken on the work considered polluting by our entrenched caste system. He skins dead cattle and prepares the hide for leather. His talk focused on Gandhiji's vows and their significance for the present.

Prof. Faizan Mustafa, Vice-Chancellor of NALSAR University of Law, Hyderabad, who is working hard to promote legal awareness in the country spoke on Gandhi and public interest litigations. Nikhil Dey, founder member of the Mazdoor Kisan Shakti Sangathan presented the historic struggle of his organization in the promulgation of the RTI. Prof. Apoorvanand presented his reflections on imagining Gandhi today. The final session of the colloquium was devoted to a screening of the film Rubaru Roshni produced and narrated by Aamir Khan and a discussion with its director Svati Bhatkal.

The two day deliberations of the colloquium which also included a panel discussion on "Gandhi as a Communicator and the Media in Our Times" were very stimulating.



Valedictory Session for Faculty Trainees from Sherubtse College, Royal University of Bhutan

A team of faculty members from Sherubtse College, Royal University of Bhutan had undergone a Training Programme on 'Role of ICT in Teaching' at IIT Guwahati during 20-23 January 2020. The Training Programme was organised by the Alumni & External Relations office in collaboration with the Centre for Educational Technology, IIT Guwahati. The Training Programme for the 20 faculty members included 10 lectures by faculty of IIT Guwahati and visits to various labs and other facilities of IIT Guwahati. The participants from Sherubtse College, Royal University of Bhutan included the Dean of Academic Affairs, Dean of Research & Industrial Linkages, Dean of Students' Affairs, Head of the Departments of Mathematics and Computer Science, Physical Sciences and Environmental and Life Sciences and other faculty members.

In light of the above, a Valedictory Session was organized on January 23, 2020 in the presence of Hon'ble Director Prof. T. G. Sitharam, Prof. Chitralekh Mahanta, Dean of Academic Affairs; Prof. V. V. Dasu, Dean Students' Affairs; Prof. Rakhi Chaturvedi, Dean of Alumni and External Relations; Prof. Gopal Das, Dean of Research and Development; Prof. Vimal Katiyar, Associate Dean of Academic Affairs; Prof. Aditya Narayan Panda, Associate Dean of Alumni & External Relations, Prof. Samit Bhattacharya, Department of CSE; Prof. T. Venkatesh, Department of CSE and Dr. Pahi Saikia, Department of HSS.



The session started with a welcome address by Prof. Rakhi Chaturvedi, Dean of Alumni and External Relations followed by an address by the Hon'ble Director Prof. T. G. Sitharam. Prof. Chaturvedi welcomed everyone to the valedictory session and gave an

overview of the whole programme. Prof. T. G. Sitharam, hon'ble Director IIT Guwahati expressed his satisfaction at the successful completion of the Training Programme and assured the continuous support of IIT Guwahati to institutions from Bhutan.

Thereafter the Dean of Academic Affairs, Sherubtse College; Dean of Research & Industrial Linkages, Sherubtse College; Dean of Students' Affairs, Sherubtse College; and Head of the Department of Environment and Life Sciences, Sherubtse College shared their feedback about the training and were thankful to IIT Guwahati for the mentoring and help extended by the institute.

All the participants were also awarded Certificates of Participation by the Hon'ble Director IIT Guwahati and felicitated by the Dean of Student Affairs, Dean of Academic Affairs, Dean of Research and Development, Dean of Alumni & External Relations and Associate Dean of Alumni & External Relations.

2nd Rural Dialogue on Rural Development

Innovior and AILSG in association with the Centre for Rural Technology (CRT) at IIT Guwahati organized the Second Edition of the Rural Dialogue on 20 - 21 January 2020. This was a unique platform to bring together various stakeholders viz., leading policy makers, think-tanks, technocrats, village level entrepreneurs, financial institutions, village panchayats and Start-ups to discuss how innovation can help rural areas and identify the best possible models for the rural communities. This dialogue also focussed how entrepreneurship can be promoted in rural areas and issues pertaining to Entrepreneurship Development Ecosystem of the North East region.

Chief Guest of the inaugural session of the event Prof. T. G. Sitharam, Director, Indian Institute of Technology Guwahati and other Guest of Honours Former DGP, Assam & President Elect Assom Sahitya Sabha Dr. Kuladhar Saikia, Smt. Manjula Saikia Bhuyan, Secretary, Industries & Commerce Department, Govt. of Assam, Dr. H. Purushottam, MD & Chairman NRDC, Mr. Ashok Wankhade, Chief Editor Urban Update, Prof. S. K. Kakoty, Dean Finance & Resource Generation, IITG inaugurated the event. There were six sessions covering all major aspects of entrepreneurship including a dedicated Q&A session for start-ups, exhibitions and brainstorming sessions. Key officials from World Bank, MHRD, NEC, Invest India, GITA, AIM-Nity Ayog, CEEW, Assam Government, UNDP, Indian Institute of Entrepreneurship,

SIDBI, Tata Trust etc. deliberated on customization and delivery models of knowledge, various technologies, finance and specific skills for resource crunched areas of NER. The event also showcased latest technologies in two technical sessions spanning sectors like Farm and forestry produce, food processing, biotechnology, Energy, Handloom & Handicraft, Waste Management, and Service Sector. The 2nd rural dialogue brought out following findings; integration of all the stakeholders in technology development & dissemination as well as Entrepreneurship Development is essential, Centres like CRT needs to play a role of catalyst for Entrepreneurship Development, academic curricula at various level should make room for Innovative & Entrepreneurial thinking, specially designed platforms with deep support system are required for marginal entrepreneurs, the rural development activities need to be follow in mission mode etc.



Welcome address by Prof. S. K. Kakoty, Dean Finance & Resource generation and Head, CRT at the inaugural session of the event.



Lamp lighting by Prof. T. G. Sitharam, Director IIT Guwahati and other dignitaries at the inaugural session of the event.

UDGAM

E-Cell, IIT Guwahati recently successfully hosted UDGAM, the largest Entrepreneurship Summit of North East India in the campus. This year UDGAM witnessed various corporate professionals such as Mr. Vivek Prakash (Cofounder HackerEarth), Mr. Bruce Schwack (CCO NetMeds), Mr. Sharad Sagar (Founder, Dexterity Global), Mr Vaibhav Sisinty (Marketing Head, Klook India), Mrs. Meera Shenoy (Founder, Youth4Jobs) mark their presence to guide the participants and the attendees of the event through their entrepreneurship journey.

Disrupt saw a stark increase in the number of startups participating with approximately 100 applications for the event. Top 15 finalists were invited to IIT Guwahati to pitch their ideas in front of two coveted industry investors Mr. Vinay Bansal from IPV ventures and Mr. Ankur Goyal from Skwerup.com. The top 4 Startups have been promised funding worth 2 crores from the judges.

Simultaneously the InternFair, this year witnessed a major bump in the number of companies and students registering. With over 32 startups and 600+ CV registrations and 200+ successful interviews, UDGAM 2020 hosted the biggest InternFair of its history.

Strategy Storm, The Social Case Study Competition of UDGAM received participation from over 350 teams and 1200 participants from 6 countries and after 3 days of gruesome case solving each of the participating team took away a lot of learnings from this Case Study competition organised by E-Cell in association with the Consulting & Analytics club of IIT Guwahati. This year, a new event named PMx was introduced and it gives immense pride to announce that PMx in its first edition has become one of the largest product management competitions in the country with 1000+ registrations from around the country. Playment (a start up by an alumnus of IIT Guwahati) sponsored event and helped immensely in the conduction of the 3 rounds (2 online & 1 offline). 20 teams from various IITs, NITs, IIMs and other B-schools were invited to campus for the final offline round.

Finally this year, UDGAM also added to its portfolio various live events and competitions such as virtual Auction and Virtual Stock Market. All in all, UDGAM 2020 has raised the bar yet again this year and it will be very exiting to witness what the E-Cell brings to the table with UDGAM'21 next year.



Montage, the photography club of IIT Guwahati organized its annual photography exhibition - Tasveer on 25 and 26 January, in the New SAC Foyer of IITG. The exhibition showcases the works of club members, alumni and the campus residents. This year, on the occasion of the Silver Jubilee of IIT Guwahati, a dedicated section for '25 Years of IIT Guwahati' was also displayed.

On the occasion, Shatabdi Chakrabarti, an esteemed wildlife photographer delivered a talk and inaugural of third edition of 'Frames' - the annual photography magazine of Montage.



Faculty achievement



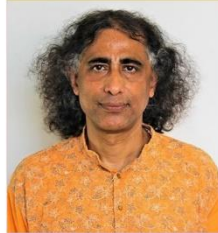
Prof Biman Mandal of the Dept. of BSBE has been selected for Prestigious BM BIRLA SCIENCE PRIZE 2018 in BIOLOGY. The award comes with a citation and 1 lakh cash prize. For Institute and in particular for Dept. of BSBE this is a

great news starting of New Year 2020 as this is second time that a faculty member of Dept. of BSBE has bagged this very prestigious award where in faculty are selected every alternate year through an extensive peer review process.



Dr. Dipankar Narayan Basu of Dept. of Mechanical Engineering has received an international fellowship from Chinese Academy of Sciences under CAS President's International Fellowship Initiative (PIFI) 2020, which will enable Dr. Basu to work

as a Visiting Scientist at Institute of Engineering Thermophysics, Beijing, for 6 months.



Prof. Arun Chattopadhyay, Professor Department of Chemistry, IIT Guwahati has been recommended for the Award of J. C. Bose Fellowship.

Student achievement

Ms. Prerona Baruah, Research Scholar in the Dept. of Humanities and Social Sciences (Economics) has received a grant of 500 pound to attend the Annual Conference of Agricultural Economics Society, 2020 to be held at KU Leuven, Belgium during April 15-17, 2020. The support is for presenting her work titled "Seasonality in commodity prices across India: Extent and implications". She is one among only three travel support provided by the society this year.

Obituary



IIT Guwahati is deeply saddened by the news of the demise of Dr. Maharaj Krishan Bhan, Former Chairman, Board of Governors, IIT Guwahati (2006 to 2010) and expresses its sincere condolences to his family and beloved ones. His enormous contribution to IIT

Guwahati has made tremendous impact on the academic as well as research and development culture of the institute. IIT Guwahati pays tribute to his immense contribution and will always acknowledge his efforts towards the development of the institute. May his soul rest in peace.



It is with heavy heart IIT Guwahati shares the news of demise of Mr. Ajoy Kr. Doley, B. Tech. 3rd year Chemical Engineering student and expresses its heartfelt condolences to his family and beloved ones. The loss at such a young age is unexpected for all and immensely painful. When the whole Institute

was praying for his speedy recovery, his life just ended abruptly leaving the entire IIT Guwahati fraternity in a state of shock. May God grant eternal bliss to his departed soul.

National Conference on Issues and Challenges in Water Treat- ment and Allied Research for Sustain- able Environment

On the occasion of Silver Jubilee Year of IIT Guwahati, Centre for the Environment, IIT Guwahati organized a National Conference on “Issues and challenges in water treatment and allied research for sustainable environment” (WATER 2020) during 23-25 January, 2020 at IIT Guwahati. This Conference has been organized with a view to address some of the key issues, their inherent challenges and possible opportunities in the water sector in general and with specific reference to water treatment, water quality and allied areas. Environmental issues in recent times such as water and waste water treatment; environmental pollution, solid waste management; environmental impact on society, green chemistry, environmental health and toxicology, microbial biochemistry are discussed. Thematic experts from different parts of the country, along with young researchers, students participated to present their work in the conference.

At the very onset, convener of the conference Dr. Deepmoni Deka welcomed all the delegates and briefed about the objective of the conference and overview of the technical sessions. Hon’ble Director, Prof. Dr. T. G. Sitharam inaugurated the workshop and released the abstract book. In his welcome address he spoke on different approaches to address water conservation and preservation and explore possible solutions for water security, safety and sustainability. Chief guest, Prof. Arup K. Sengupta, from Lehigh University, USA gave the plenary lecture on “Development of global application of hybrid ion exchange nanotechnology (HIX-Nano): From decontamination to desalination”.

Guest of Honour Prof. Sirsendu De, IIT Kharagpur highlighted the importance for water conservation and treatment. Head in-charge of Centre for the Environment and Chairman of the conference, Prof. Mihir Kumar Purkait highlighted the current research activities of the Centre and addressed the gathering on recent technologies for the treatment of contaminated drinking water. The second day began with a keynote address by Dr. S. Sridhar from IICT Hyderabad. He spoke on the “Innovative Membrane Technology for the Development of Indian Industry and Society”.

Six parallel technical sessions on different themes were held followed by two poster sessions. Around 120 participants have registered for the conference among which 50 papers were selected for oral and 51 were selected for poster presentation. among which 50 papers were selected for oral and 51 were selected for poster presentation.

Two prizes were awarded for each of the sessions. A conference proceeding consisting of 100 abstracts was also published and circulated among all the participants. Eminent scientist from all over India- Dr. Nivedita Sahu, Principal scientist, IICT, Hyderabad; Dr. Surya Singh, Scientist, ICMR-National Institute for Research in Environmental Health, Bhopal, Dr. Manjusha Chakraborty, Jadavpur University, Dr. Deepesh Singh, Assistant Professor, Hartcourt Butler Technical University were some of the notable speakers in the workshop.

The conference was funded by North Eastern Council, Shillong and Department of Science and technology (SERB). Prof. Gopal Das, Dean R&D, IIT Guwahati` was guest of honor in the valedictory function and gave away the award of certificate and prize to best poster and oral presentations. The organizing secretary of the conference Mr. Partha Protim Bakal summarized the meeting with the formal “vote of thanks” to all the dignitaries, participants and the people associated (Mr. Kaustubh Rakshit, Mr. Rajiv Gogoi, Mr. Mridul Das and all the centre’s research scholars) in the success of the event. In a nutshell, this three days conference was a grand success providing a platform for interaction with fellow researchers on water sector and environment based research.



About the Registrar, IIT Guwahati



Dr. Suresh S. M. who recently took over the charge as the Registrar of this institute on 20 January 2019, was serving as Professor of Mechanical Engineering in BMS College of Engineering, Bangalore, before joining this Institute. He was formerly the Director in the All India Council for Technical Education under the Ministry of HRD. He was also associated with Karnataka State Financial Corporation, Bangalore.

Dr. Suresh is a native of Mangalore of Karnataka State. Having obtained his Bachelor's in Mechanical Engineering from BMS College of Engineering Bangalore, he completed his Master's in Mechanical Engineering from Karnataka Regional Engineering College (NITK), Karnataka, thereafter he was awarded Ph.D. in Mechanical engineering from Sambalpur University, Orissa.

Dr. Suresh has an array of experience working in both Central as well as State Govt. organizations since the last twenty eight years, twelve years of which he was associated with the Karnataka State Financial Corporation, a State Government Undertaking, working in the areas of project financing of small scale industries and other projects, in the capacity of its Manager; more than eleven years of academic experience as Professor in BMS College of Engineering Bangalore, a State Government Aided Institute, and five years of administrative experience as the Director in All India Council for Technical Education. In all the years of service in various organization he was acquainted to various work environments having worked in the areas of Project Finance, Industrial, Teaching, Research, Technical Education Regulatory Body, Accreditation Body, Research Grant, Budget allocation, Distance Education, Academic matters, National Skill Qualification Framework, Finance etc.

Dr. Suresh was in the forefront of implementation of the much acclaimed Direct Beneficiary Transfer (DBT) Scheme to the entire Post graduate students pan India in the year 2013 which was very much appreciated by MHRD and DBT of Planning Commission, which served beneficial for more than twenty-five thousand GATE/GPAT Post graduate students.

As a member of the National Board of Accreditation core team in the year 2010, he was instrumental in policy making of NBA during transition period 2010. Dr. Suresh also served as the Member Secretary for first ever Graduate Pharmacy Aptitude Test (G-PAT-2010) which was conducted by AICTE, and was also financial adviser to Common Management Aptitude Test (CMAT). Among other notable assignments, he was involved in preparation of AICTE- Approval Processing Handbook for the years 2010 to 2015. He is also expert member of various committees of AICTE, NAAC, etc. He was in the core team of AICTE E-Governance, which was implemented in 2010, convener of AICTE 6th pay regulations 2010.



IIT Guwahati students have developed a multiutility autonomous agricultural drone that has the ability to spray fertilizers, insecticide, etc. even at remote locations.







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