

Convocation Programme

EIGHTH CONVOCATION

17 August 2021

Start	11:00 hrs
Invocation	11:02 hrs
The Chairperson, BoG declares the Convocation open	11:05 hrs
Director's Report	11:06 hrs
The Chairperson, BoG will deliver his speech.	11:21 hrs
Convocation Address by the Chief Guest	11:35 hrs
Presentation of the Special awards by the Chief Guest	11:55 hrs
Award of degrees by the Chairman, Senate	11:57 hrs
Exhortation by the Chairman, Senate	13:12 hrs
The Chairperson, BoG declares the Convocation closed	13:15 hrs
National Anthem	13:16 hrs

BOARD OF GOVERNORS

1.	Prof. Arvind A. Natu	: Chairperson
2.	Secretary, MoE, Govt. of India	: Member (ex officio)
3.	Prof. Sourav Pal, Director, IISER Kolkata	: Member (ex officio)
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10.	Prof. Bipul Pal, Department of Physical Sciences, IISER Kolkata	: Member
11.	Council Nominees – (under section 11 A (i) – Vacant)	: Member
12.	Council Nominees (under section 11 A (i) – Vacant)	: Member
13.	Financial Advisor, MoE, Govt. of India	: Member (ex officio)
14.	Shri. Joydeep Sil, Registrar, IISER Kolkata	: Secretary

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Chairman

1. Prof. Sourav Pal
Director and Dean of International Relations and Outreach
IISER Kolkata
Email: director@iiserkol.ac.in, doiro@iiserkol.ac.in

External Members

2. Prof. Maitree Bhattacharyya
Director,
Jagadis Bose National Science Talent Search
1300, Rajdanga Main Road, Kolkata - 700 107, West Bengal
Email: director@jbnsts.org, bmaitree@gmail.com
3. Prof. Asok Kumar Mallik
Former Faculty, IIT Kanpur
P-31, CIT Road, Scheme VIM (S), Kolkata 700 054, West Bengal
Email: asokiitk@gmail.com

4.	Prof. Sugata Marjit Distinguished Professor Indian Institute of Foreign Trade Ministry of Commerce and Industries, Government of India, 1583 Madurdaha, Chowbagha Road, Ward No 108, Borough XII, Kolkata 700107, West Bengal Email: marjit@gmail.com
Deans	
5.	Prof. Asok Kumar Nanda Dean of Academic Affairs IISER Kolkata Email: doaa@iiserkol.ac.in, asok@iiserkol.ac.in
6.	Prof. Balaram Mukhopadhyay Dean of Students' Affairs IISER Kolkata Email: dosa@iiserkol.ac.in, mbalaram@iiserkol.ac.in
7.	Prof. Biswarup Mukhopadhyaya Dean of Faculty Affairs IISER Kolkata Email: dofa@iiserkol.ac.in, biswarup@iiserkol.ac.in
8.	Prof. Amitava Das Dean of Research and Development IISER Kolkata Email: dord@iiserkol.ac.in, amitava@iiserkol.ac.in
Associate Deans	
9.	Prof. Subhajit Bandyopadhyay Associate Dean of Academic Affairs IISER Kolkata Email: adoaa@iiserkol.ac.in, sb1@iiserkol.ac.in
10.	Dr. Malancha Ta Associate Dean of Students' Affairs IISER Kolkata Email: adosa@iiserkol.ac.in
11.	Dr. Anindita Bhadra Associate Dean of International Relations and Outreach IISER Kolkata Email: adoiro@iiserkol.ac.in
Heads of Departments and Centres	
12.	Dr. Rupak Datta Head, Department of Biological Sciences IISER Kolkata Email: dbs.chair@iiserkol.ac.in

13.	Prof. Chilla Malla Reddy Head, Department of Chemical Sciences IISER Kolkata Email: dcs.chair@iiserkol.ac.in, cmreddy@iiserkol.ac.in
14.	Dr. Sukanta Dey Head, Department of Earth Sciences IISER Kolkata Email: des.chair@iiserkol.ac.in
15.	Dr. Somnath Basu Head, Department of Mathematics & Statistics IISER Kolkata Email: dms.chair@iiserkol.ac.in
16.	Dr. Ananda Dasgupta Head, Department of Physical Sciences IISER Kolkata Email: dps.chair@iiserkol.ac.in, adg@iiserkol.ac.in
17.	Prof. Rajesh Kumble Nayak Head, Center of Excellence in Space Sciences, India IISER Kolkata Email: cessi.chair@iiserkol.ac.in, rajesh@iiserkol.ac.in
18.	Dr. Rahul Banerjee Head, Centre for Advanced Functional Materials IISER Kolkata Email: cafm.chair@iiserkol.ac.in
19.	Prof. Goutam Dev Mukherjee Head, National Centre for High Pressure Studies IISER Kolkata Email: nchps.chair@iiserkol.ac.in, goutamdev@iiserkol.ac.in
20.	Prof. Punyasloke Bhadury Head, Centre for Climate and Environmental Studies IISER Kolkata Email: cces.chair@iiserkol.ac.in, pbhadury@iiserkol.ac.in
Professors	
21.	Prof. Alakesh Bisai Department of Chemical Sciences IISER Kolkata Email: alakesh@iiserkol.ac.in
22.	Prof. Amit Ghosal Department of Physical Sciences IISER Kolkata Email: ghosal@iiserkol.ac.in
23.	Prof. Annagiri Sumana Department of Biological Sciences IISER Kolkata Email: sumana@iiserkol.ac.in

24.	Prof. Arindam Mukherjee Department of Chemical Sciences IISER Kolkata Email: a.mukherjee@iiserkol.ac.in
25.	Prof. Ashwani Kumar Tiwari Department of Chemical Sciences IISER Kolkata Email: ashwani@iiserkol.ac.in
26.	Prof. Ayan Banerjee Department of Physical Sciences IISER Kolkata Email: ayan@iiserkol.ac.in
27.	Prof. Bipul Pal Department of Physical Sciences IISER Kolkata Email: bipul@iiserkol.ac.in
28.	Prof. Chiranjib Mitra Department of Physical Sciences IISER Kolkata Email: chiranjib@iiserkol.ac.in
29.	Prof. Debasis Koley Department of Chemical Sciences IISER Kolkata Email: koley@iiserkol.ac.in
30.	Prof. Debasish Halder Department of Chemical Sciences, IISER Kolkata Email: deba_h76@iiserkol.ac.in
31.	Prof. Dhananjay Nandi Department of Physical Sciences IISER Kolkata Email: dhananjay@iiserkol.ac.in
32.	Prof. Dibyendu Nandi Department of Physical Sciences IISER Kolkata Email: dnandi@iiserkol.ac.in
33.	Prof. Jayasri Das Sarma Department of Biological Sciences IISER Kolkata Email: dassarmaj@iiserkol.ac.in
34.	Prof. Narayan Banerjee Department of Physical Sciences IISER Kolkata Email: narayan@iiserkol.ac.in

35.	Prof. Nirmalya Ghosh Department of Physical Sciences IISER Kolkata Email: nghosh@iiserkol.ac.in
36.	Prof. Pradeep K. Mohanty Department of Physical Sciences IISER Kolkata Email: pkmohanty@iiserkol.ac.in
37.	Prof. Pradip Kumar Ghorai Department of Chemical Sciences IISER Kolkata Email: pradip@iiserkol.ac.in
38.	Prof. Pradipta Purkayastha Department of Chemical Sciences IISER Kolkata Email: ppurkayastha@iiserkol.ac.in
39.	Prof. Prasanta K. Panigrahi Department of Physical Sciences IISER Kolkata Email: pprasanta@iiserkol.ac.in
40.	Prof. Prasanta Sanyal Department of Earth Sciences IISER Kolkata Email: psanyal@iiserkol.ac.in
41.	Prof. Prasun Kumar Mandal Department of Chemical Sciences IISER Kolkata Email: prasunchem@iiserkol.ac.in
42.	Prof. Priyadarsi De Department of Chemical Sciences IISER Kolkata Email: p_de@iiserkol.ac.in
43.	Prof. Raja Shunmugam Department of Chemical Sciences IISER Kolkata Email: sraja@iiserkol.ac.in
44.	Prof. Sanjio S. Zade Department of Chemical Sciences IISER Kolkata Email: sanjiozade@iiserkol.ac.in
45.	Prof. Satyabrata Raj Department of Physical Sciences IISER Kolkata Email: raj@iiserkol.ac.in

46.	Prof. Sayan Bhattacharyya Department of Chemical Sciences IISER Kolkata Email: sayanb@iiserkol.ac.in
47.	Prof. Soumitro Banerjee Department of Physical Sciences IISER Kolkata Email: soumitro@iiserkol.ac.in
48.	Prof. Soumyajit Roy Department of Chemical Sciences IISER Kolkata Email: s.roy@iiserkol.ac.in
49.	Prof. Supratim Sengupta Department of Physical Sciences IISER Kolkata Email: supratim.sen@iiserkol.ac.in
50.	Prof. Supriyo Mitra Department of Earth Sciences IISER Kolkata Email: supriyomitra@iiserkol.ac.in
51.	Prof. Swadhin Kumar Mandal Department of Chemical Sciences IISER Kolkata Email: swadhin.mandal@iiserkol.ac.in
52.	Prof. Tapas K. Sengupta Department of Biological Sciences IISER Kolkata Email: senguptk@iiserkol.ac.in
53.	Prof. Venkataramanan Mahalingam Department of Chemical Sciences IISER Kolkata Email: mvenkat@iiserkol.ac.in
Chief Warden	
54.	Dr. Sanjay Kumar Mandal Chief Warden IISER Kolkata Email: chiefwarden@iiserkol.ac.in
Other faculty members	
55.	Dr. Bidisha Sinha Convener, Under Graduate Academic Committee IISER Kolkata Email: bidisha.sinha@iiserkol.ac.in

56. Dr. Golam Mortuza Hossain
Convener, Post Graduate Academic Committee
IISER Kolkata
Email: ghossain@iiserkol.ac.in

Librarian

57. Dr. Vijay Raghav Tiwari
Librarian
IISER Kolkata
Email: librarian@iiserkol.ac.in

Student representatives

58. Mr. Mahapatra Anshuman Jaysingh (17MS054)
SAC GS Academics (BS-MS)
IISER Kolkata
Email: maj17ms054@iiserkol.ac.in

59. Mr. Narayan Kundu (18RS002)
SAC GS Academics (PhD)
IISER Kolkata
Email: nk18rs002@iiserkol.ac.in

Secretary

60. Mr. Joydeep Sil
Registrar
IISER Kolkata
Email: registrar@iiserkol.ac.in

Permanent Invitee

61. Deputy Registrar (Finance and Accounts)
IISER Kolkata
Email: dr_fna@iiserkol.ac.in

Administration

Prof. Sourav Pal

Director

Shri Joydeep Sil

Registrar

Prof. Asok K Nanda

Dean of Academic Affairs

Prof. Subhajit Bandyopadhyay

Associate Dean of Academic Affairs

Prof. Sourav Pal

Dean of International Relations and Outreach (i/c)

Dr. Anindita Bhadra

Associate Dean of International Relations and Outreach

Prof. Amitava Das

Dean of Research and Development

Prof. Biswarup Mukhopadhyaya

Dean of Faculty Affairs

Prof. Balaram Mukhopadhyay

Dean of Students' Affairs

Dr. Malancha Ta

Associate Dean of Students' Affairs

Prof. Venkataramanan Mahalingam

Chief Vigilance Officer

Dr. Vijay Raghav Tiwari

Librarian

Dr. Rupak Datta

Head, Department of Biological Sciences

Prof. Chilla Malla Reddy

Head, Department of Chemical Sciences

Dr. Sukanta Dey

Head, Department of Earth Sciences

Dr. Somnath Basu

Head, Department of Mathematics and Statistics

Dr. Ananda Dasgupta

Head, Department of Physical Sciences

Dr. Rahul Banerjee

Head, Centre for Advanced Functional Materials (CAFM)

Prof. Punyasloke Bhadury

Head, Centre for Climate and Environmental Studies (CCES)

Prof. Rajesh Kumble Nayak

Head, Center of Excellence in Space Sciences, India (CESSI)

Prof. Goutam Dev Mukherjee

Head, National Centre for High Pressure Studies (NCHPS)

Dr. Sanjay Kumar Mandal

Chief Warden

Chief Guest



Prof. Goverdhan Mehta

Prof. Goverdhan Mehta, FRS, National Research Professor and currently the University Distinguished Professor & Dr. Kallam Anji Reddy Chair of School of Chemistry at the University of Hyderabad, India, is a leading chemist of our times. Prof. Mehta's design of complex molecules blends art and architecture and has culminated in more than 450 original research papers in international journals of high repute. Today "Chemistry can re-imagine itself as a champion and driver of sustainable development, transforming its image from often being seen as the source of environmental pollution and degradation to being recognized as the core sustainability science," Prof. Mehta is one of those few to whom we owe this change of public perception of chemistry as a central and sustainable science.

Prof. Goverdhan Mehta received his MSc Chemistry degree from BITS Pilani, in 1963. A PhD from Poona University working at National Chemical Laboratory with legendary Dr. Sukh Dev, he has been conferred over a dozen Honorary Doctorate (D. Sc. h. c) degrees by universities in India and abroad, he started his academic career at IIT Kanpur before moving to University of Hyderabad, where he went on to become the Vice-Chancellor and later he became the Director of IISc Bangalore. Apart from these responsibilities Prof. Mehta has furthered the cause of Indian Academia by serving as Chairman, National Accreditation and Assessment Council (NAAC), Chancellor, Indian Institute of Information Technology, Allahabad, Chancellor, University of Allahabad, Chairman, BoG, Indian Institute of Technology, Jodhpur, Chairman, Indian Statistical Institute Council, Board of Directors, Institute of Life Sciences and several other key positions of trust and critical importance. As an organic chemist Prof. Mehta has created NCE's for drug discovery, origin and control of stereogenesis, engineered conformationally locked polyols and photodynamic therapy of cancer, and has moved to major policy making where he has profiled and promoted chemical sciences as 'sustainability science'.

Prof. Mehta's contribution to science has been honored with numerous national and international civilian accolades of highest orders ranging from "Padma Shri" (India), "Légion d'honneur" (France), to "Bundesverdienstkreuz" (Germany). He is also the recipient of the Centenary Prize (2005), the first Indian scientist to receive the Alexander von Humboldt Research Award (1995), G.D. Birla Award for Scientific Research, and Shanti Swaroop Bhatnagar Award in Chemical Sciences to name a select few. Apart from being a Fellow of the Royal Society (FRS) and the National Academics of Sciences in India, Prof. Mehta is the past president of IUPAC, INSA, and a foreign member of the Russian Academy of Sciences.

Prof. Mehta's keen enthusiasm for chemistry has inspired many to take up this profession. In spite of being cradled with creativity and success, his laughter and humor is contagious, crystallized with a clarity of mind and modesty. Prof. Mehta makes us remember to have the wisdom to walk with crowds and yet not lose touch of the kings of knowledge. He, like the Zeus, has been morphing Chemical Sciences in his sleeves and crucibles, just with a toss of his hand and touch of his creative discipline. His name is synonymous to an institution in synthetic chemistry of our times and beyond.

Chairperson, Board of Governors



Prof. Arvind A. Natu

Prof. Arvind Anant Natu is a nationally and internationally acclaimed academician, currently a visiting faculty at the Indian Institute of Science Education and Research (Pune). He was actively involved in the conceptualizing and planning of the IISERs, an Institute of national importance of the Ministry of Human Resource Development (MHRD), Govt. of India.

In the past, for forty years, Prof. Natu was associated with the National Chemical Laboratory (NCL), Pune as a Senior Scientist in the Organic and Bio-organic Chemistry Group.

Prof. Natu has a teaching experience of more than 25 years mostly at the post-graduate and PhD levels in Organic and Bio-organic Chemistry, Biology of DNA & RNA. He is an expert in IPR & Patents and has

participated in the deliberations in the Court of Law. He has also served at various top-level capacities as Director and Consultant in Discovery Process Development and Management in the Pharmaceutical Industries in India and Abroad.

Prof. Natu was the recipient of the “Cross Order of Merit Award” which is the highest civilian award for foreigners bestowed by the President of Germany. He was also the Hon’ble Advisor and the German Research Ambassador (2007). He was engaged in Indo-German collaborations in the area of Science, Education and Research.

Prof. Natu was awarded the Lifetime Achievement Award from the Labdhi Research Development and Education (RDE) by Labdhi Foundation Gujarat (India). He was recipient of the Lifetime achievement award bestowed by a consortium of North Maharashtra University titled Golden Opportunities for latest developments in Chemistry and Technology. He was a Fellow of the Maharashtra Academy of Science and Member of the Board of Directors of Pharma companies and PCMC Science Center. He was also the Scientific Advisor in the area of education and health of female in rural areas and scientific research, Member of Academic Council of Pune University, Founder member of Indian Peptide Society and Indian Society of Bio-organic chemists, Member National Steering Committee for Olympiads in Homi Bhabha center for Science Education and a Visiting Scientist at the Bielefeld University.

Prof. Natu has a keen interest in the upliftment of underprivileged students especially from the North-East.

Director's Report

Honorable Chief Guest – Prof. Goverdhan Mehta, Chairperson of the Board of Governors of IISER Kolkata - Professor Arvind A. Natu, Board of Governors, members of the Finance Committee, Building & Works Committee and Senate, my faculty colleagues, staff members, guests, parents and dear students:

In an academic institution such as the Indian Institute of Science Education and Research (IISER) Kolkata, the Convocation is no doubt the most awaited event in the Academic Calendar, since it marks the successful culmination of the journey in learning and practicing science that students undertake during their stay at IISER Kolkata. However, since last year, the whole world has been in the grip of a strange and vicious pandemic, which has devastated our daily lives and necessitated the definition of new normal in almost all the spheres of our existence. Indeed, the suddenness of the pandemic and the stringent restrictions it had imposed, prevented us from hosting the convocation last year. However, with 'virtual' being a ubiquitous keyword now, and most of our waking hours being spent 'online', we have decided to host the 8th Convocation of IISER Kolkata on an entirely virtual platform. Thus, I welcome you all to the auspicious 8th Convocation of IISER Kolkata, which is special not just because it is online, but because the students graduating last year (2020) as well as this year (2021), across all disciplines of every academic program of the Institute, will receive their degrees. I extend my heartiest congratulations to all of you!

Before we start giving out the degrees, I have the pleasure and privilege of presenting before you an account of various activities and accomplishments of IISER Kolkata in the two previous years 2019-20, and 2020-21. I must put on record that in the duration I have been Director, I have received the continued and unstinted support of the Board of Governors, the Ministry of Education, faculty and staff members and students enabling us to identify the correct path that would foster the growth and development of the Institute. I extend my heartfelt gratitude and thanks to all.

In the fifteen years since its inception in 2006, IISER Kolkata has grown by leaps and bounds, and is presently identified as one of the premier institutions of research and teaching in the country. I am happy to share with you some facts that bear testament to our rapid and remarkable progress: the IISER Kolkata family has now grown to 126 faculty members, distributed in seven academic departments, being supported by a dedicated team of 92 administrative staff members. I would also like to comment in this context that IISER Kolkata promotes equal opportunities in its recruitment policy and new faculty members have been inducted under the Special Recruitment Drive. Other than the permanent faculty members, we have a few visiting, adjunct and honorary faculty of great distinction, who help maintain and also add to the vibrant teaching and research atmosphere at IISER Kolkata. Our combined student strength increases every year, and presently we can boast of a total student strength of 1539. These are distributed between 953 BS-MS, 137 Integrated-PhD (IPhD), 3 MS by Research in Space Physics, and 446 doctoral students. For the first time, this number also includes 5 International students from SAARC and African countries. I am also happy to report that we have opened two new departments, namely, the Department of Humanities and Social Sciences and the Department of Computational and Data Sciences. We strongly feel that these departments would provide a holistic education to our undergraduate students and provide them with a complete view to the different methods of knowledge production.

Our significant and continuous progress as an institute of higher education is borne out by our position in the Times Higher Education World University Rankings in 2020 and '21. In 2020, we were in the 801-1000 rank category, while in 2021 - we moved to the 601-800 category - which marked us as one of the most significant

movers up the ranking framework in Asia. Incidentally, our Asia University ranking in 2021 was 142, which was more than a100 places higher over the position in 2020, when it was in the 251-300 bracket. Our ranking among the universities in Emerging Economies in the world stood at 155 in 2021.

In the pan-Indian context, the National Institute Ranking Framework (NIRF) is now acknowledged as one of the strongest indicators of performance among institutions of higher education. I am happy to report that our NIRF ranking in 2020 was 29 in the overall category,

IISER Kolkata has always been uncompromising with its high academic standards. During the pandemic, although it has been a challenge, the institute has developed facilities for complete online teaching. Several classrooms were transformed at the early stage of the pandemic, by the Office of the Academic Affairs and the CCC, for high quality recording of the lectures. Students who needed additional help with resources were taken care of by the Institute. The Academic Office of IISER Kolkata has envisioned to develop its own online thesis-submission platform which has drastically reduced the thesis-reviewing time for our students despite all the odds of the pandemic. I am proud that in this academic year (2020-21) the number of students graduating with a doctoral degree is the highest since the inception of the institute.

In keeping with its mandate of giving equal importance to research and teaching, IISER Kolkata takes pride in its teaching standards and achievements. We had as many as 236 students including BS-MS, PhD, and IPhD graduating in 2020, and have 220 (including 1 BS) students this year. The success and efficacy of our teaching programme is validated from the fact that our BS-MS students continue to be offered PhD programs in the top graduate schools across the globe. This year is no exception and includes MIT, UC Berkeley, Cambridge, Cornell, Georgia Tech, Johns Hopkins Universities for doctoral research. Prestigious fellowships include Marie Curie Fellowship, Gates-Cambridge Scholarship, Clarendon Scholarship at Oxford and IMPRS scholarship among many others.

One of the most important mandates of the faculty and students of IISER Kolkata is to produce high quality research which is internationally competitive and acknowledged by our peers in the scientific community. The Nature Index ranking is now an important metric of evaluating research progress across institutions - both nationally and internationally. I am proud to report that IISER Kolkata is now placed 4th among all academic institutions in India in the Nature Index Rankings of 2021. It has also been rated as the best among all the IISERs, not only in overall performance, but also in the subject-wise rankings. This obviously means that our faculty members and students have produced extremely high quality research over the last year, addressing research problems of high scientific relevance and importance. Their sustained research efforts have led to 491 papers in 2019-2020, with 65 papers in Nature indexed journals, and 500 papers in 2020-2021, with 63 papers in Nature indexed journals. A large number of papers have resulted due to extremely fruitful collaborations between different departments, very much in keeping with the spirit of barrier-free and interdisciplinary research that was identified as an essential idea during the very conception of the IISERs. Much of this is because of the tireless efforts of our graduate students, who are one of the strongest pillars in our research infrastructure, and often publish their own independent research in peer-reviewed journals.

Indeed, the excellent performance of our students and faculty members is being acknowledged and recognized in the form of various important national and international research awards. In 2019 and 2020, several of our faculty members won a host of such awards such as the Swarnajayanti Award, fellowship of the Indian Academy of Sciences Bangalore, the prestigious Friedrich Wilhelm Bessel Research Award by the Alexander von Humboldt Foundation - Germany, Membership of the Executive Board of the newly-constituted Federation of Commonwealth Chemical Sciences, Young Career Award in the Asia Pacific Solar Physics Meeting, the George Gabriel Stokes award given by the International Society for Optics and Photonics, the Janki Ammal National Woman Bio-scientist Award given by the Dept. of Biotechnology, and the POWER fellowship, among many others. These awards and fellowships bear the testament to the fact that we are indeed well on the way

to fulfill our entitlement of emerging as a go-to place among Indian research institutions, and of being a key enabler of high quality independent research, both locally and globally. As a result, our faculty members are attracting substantial research support from national and international funding agencies. During the financial years 2019-20 and 2020-21, our faculty members obtained funding amounting to around Rs 41 crores in 90 new research projects, which takes the total funding we have received from 2006 to more than 188 crores, with a total of 397 research projects handled. Of these, there were 24 Consultancy Projects worth around Rs 7 crores, 44 Fellowship Projects of close to Rs 45 crores, with the rest being extramural grants worth around Rs 137 crores. Our faculty members have attracted funding from almost all prominent national funding agencies including SERB, DST, DBT, CSIR, MOE-STARS, SPARC, and have also obtained support from international sources including IAEA, Indo-German, etc. In terms of funding from the industry, we have been granted 9 new projects in the last two years, worth about Rs 2.4 crores. A few notable projects address the problems having social relevance in the areas of medicine and healthcare, renewable and sustainable energy and storage, water resources and atmosphere, among others obtained by IISER Kolkata.

With the pandemic severely curtailing travel and physical meetings and conferences, the IISER-K faculty members have entirely relied on online lectures and conferences to disseminate their research work and engage in science outreach activities. During the pandemic, the faculty as well as the students have regularly participated in international and national conferences online, and the institute has also hosted several conferences - both national and international - during the last two years. After successfully hosting a national leadership development program designed to create and nurture top level leaders of Indian higher education organizations (LEAP) in 2019, IISER Kolkata was again chosen by the MOE to organize the second edition of LEAP in 2020. The Indian component of the training imparted to LEAP participants happened in IISER Kolkata, with the foreign training scheduled at NTU Singapore.

Coming to the pandemic, I would like to point out that IISER Kolkata has contributed to the nation's fight against COVID19 to the best of its ability. Two of our RTPCR instruments have been loaned to the Jawaharlal Nehru Medical College to facilitate diagnosis of COVID 19. The IISER Kolkata faculty and students have been deeply involved in public outreach activities, including in-depth scientific modeling and data analysis to understand and predict the nature and future course of the pandemic, collaboration with consortia of Indian scientists to spread popular awareness about facts related to COVID 19 and dispel myths and hoaxes, and several community service programmes led by our student's group Ek Pehal in collaboration with faculty members to distribute masks, sanitizers, as well as food rations to local people. It is worth mentioning here that sanitizers were actually prepared in house in the Dept. of Chemical Sciences for distribution to the local community. Also, very importantly, IISER Kolkata has organized three vaccination camps during the last two months, and vaccinated about a thousand members of the institute - including faculty, staff and students. It is thus reassuring to note that, presently, everyone living on campus has received at least the first dose of vaccination.

An important and essential component of scientific knowledge generation is to identify possible avenues of translating the knowledge into the development of products and technologies that would be beneficial to society. Continuing our initiative to create a common platform for our researchers to interact and share their expertise

with prominent industrial R&D units, we have signed agreements/MOUs with industrial organizations like Gas Authority of India Limited, Tata Steel Limited, Cipla Limited, Tata Medical Center to name a few. Also, our own efforts to nurture science and technology-based start-ups have been facilitated through our incubation center - a Section-8 company named Research, Innovation and Scientific Entrepreneurship (RISE) Foundation IISER that was registered in 2018. RISE Foundation is now hosting start-ups like - Chem Activa - which is developing a pioneering biodegradable plastic product from renewable resources that could be the next-generation packaging material substituting common plastics such as PE, PP, and PET.

The IISER Kolkata campus, normally in a constant state of activity thanks to the vibrant enthusiasm of its students in organizing various cultural and sports events, festivals, and social awareness programmes - was deeply affected by the pandemic - which forced most of the BS-MS students to leave campus for a significant portion of last and this year. However, I would like to stress on the fact that IISER Kolkata tried its best to continue research, with its PhD, IPhD and the final year BS-MS students who stayed back in the hostels. Even with the severely curtailed scope of activity, the students redeemed themselves by initiating and successfully running Science Communication magazines - the most prominent one being Cogito 137. IISER Kolkata Campus Radio is also publishing its own magazine, besides also hosting a number of interesting programs throughout the year. I would like to highlight that on Women's Day 2020, Cogito 137 launched the Women of IISER (#WIISER) initiative to highlight the research careers and achievements of the women faculty members of IISER Kolkata. This has now evolved into a pan-IISER initiative. In terms of technical achievements, our Research Scholars have received several awards including the DUO-India fellowship for academic research in Germany, and the Augmenting Writing Skills for Articulating Research (DST-AWSAR) award.

The world has evolved suddenly and rapidly in the last two years with the entirely unexpected invasion of COVID 19. As a race, our best chance to successfully overcome this unprecedented crisis is by cooperating whole-heartedly with each other and extending the frontiers of our knowledge to devise new and effective ways to defeat the virus. The importance of science was perhaps never greater in our world than it is now. We at IISER Kolkata are fully cognizant of this, and are attempting our very best to utilize all our resources - both human and infrastructural, and our abilities, to extend the boundaries of knowledge creation with passion and with a spirit true to the scientific endeavour, method, and ethics.

I take this opportunity to thank Prof. Goverdhan Mehta for agreeing to be the Chief Guest despite his very busy schedule. I also thank the Chairperson Board of Governors, Prof Arvind A. Natu, all the members of our statutory bodies, Board of Governors, Finance Committee, Building & Works Committee and Senate for their continuous support and invaluable suggestions towards various academic and administrative decisions. My sincere thanks are also due to all students, faculty and staff members for their tireless efforts and significant contributions towards the growth and development of IISER Kolkata.

Jai Hind!

List of Degree Recipients -BS-MS, IP-MS, PhD & IPhD (2020)

BS-MS Programme: **186** Students

Department of Biological Sciences

Sl. No.	Roll No	Name	Minor degree
1	15MS129	Rajlaxmi Saha	Chemical Sciences
2	15MS092	Naman Agrawal	
3	15MS034	Animish Nilesh Vaze	Chemical Sciences
4	15MS098	Oak Meghana Sandeep	
5	15MS196	Vijayaditya Ray	
6	15MS182	Purbayan Ghosh	
7	15MS011	Soumyendu Saha	
8	15MS100	Sigma Pradhan	
9	15MS038	Athira C C	
10	15MS061	Om Mattagajasingh	
11	15MS007	Sayanur Rahaman	Chemical Sciences
12	15MS099	Shivani	Chemical Sciences
13	15MS153	Iqra Shahzad	
14	15MS162	Sourjya Baibhabee Nath	
15	15MS183	Pomi Mandal	Chemical Sciences
16	15MS135	Andhari Madhavi Dipak	
17	15MS147	Vigneshbabu T	
18	15MS039	Jyotirmayee Padhan	
19	15MS169	Debjyoti Ghosh	
20	15MS013	Jeebak Deoghuria	
21	15MS184	Maithili Datta	
22	15MS089	Pallab Dutta	
23	15MS107	Anjira Sengupta	
24	15MS109	Prodyuti Sarkar	
25	15MS133	Biswajit Moharana	
26	15MS180	Ashwin S	
27	15MS016	Daisy Babu	

Sl. No.	Roll No	Name	Minor degree
28	15MS025	Athil Althaf A Z	
29	15MS073	Pragya Kaul	
30	15MS001	Abhishek Ranjan Singh	
31	15MS121	Rituparna Sonowal	
32	15MS127	Preetu Parimal	
33	15MS140	Nikita Pegu	Geological Sciences
34	14MS133	Sasi Bhooshan .S. L	
35	15MS018	Abhra Biswas	Geological Sciences
36	13MS029	Ribankhiahbha M War	

Department of Chemical Sciences

Sl. No.	Roll No	Name	Minor degree choice
1	15MS143	Partha Sarathi Karmakar	
2	15MS054	Deepta Chattapadhyay	
3	15MS043	Nabojit Kar	
4	15MS151	Rachana Bhattacharyya	
5	15MS194	Nikalabh Dihingia	Biological Sciences
6	15MS146	Prateek Vaish	
7	15MS125	Asish Ninan Chacko	Biological Sciences
8	15MS026	Nayanthara K J	
9	15MS128	Yenugu Nikhil	Physical Sciences
10	15MS010	Sourav Pal	
11	15MS148	Anubhab Roy	
12	15MS190	Soumya Paul	
13	15MS175	Amol Kumar	
14	15MS161	Rajat Kumar	
15	15MS160	Parag Das	
16	15MS115	Aswathy S	
17	15MS077	Aditya Choudhury	
18	15MS178	Ghude Arijeet K	
19	15MS152	Kshitish Chandra Hati	
20	15MS110	Surasree Rakshit	
21	15MS102	Sangram Prusty	Biological Sciences

Sl. No.	Roll No	Name	Minor degree
22	15MS101	Dibyaranjan Sahoo	
23	15MS079	Srishti Gautam	
24	15MS114	Rishav Chatterjee	
25	15MS154	Rishabh Sharma	
26	15MS195	Swagata Pan	
27	15MS163	Bedangshu Mishra	
28	15MS170	B Sharmistha	
29	15MS030	Swaraj Biswas	
30	15MS078	Ritabrata Mondal	
31	15MS094	Athul Suresh	
32	15MS093	Surajit Bera	
33	15MS053	Ila Shyantani Das	
34	15MS124	Sayani Barman	
35	15MS065	Dibya Jyoti Barman	
36	15MS173	Dipannita Ghosh	
37	15MS117	Tarun Gupta	Physical Sciences
38	15MS185	Subhajit Dey	
39	15MS017	Dipannita Saha	
40	15MS063	Sannay Biswas	Geological Sciences
41	15MS040	Mahima Prasad Behera	
42	14MS020	Niladri Shekhar Mandal	
43	14MS032	Mukti Biswas	

Department of Earth Sciences

Sl. No.	Roll No	Name	Minor degree choice
1	15MS142	Mukesh Kumar Dash	
2	15MS027	Asiya B S	
3	15MS087	Himanshu Agrawal	
4	15MS004	Nairit Sarkar	
5	15MS119	Akanksha Rai	
6	15MS167	Anupama C	
7	15MS059	Sourav Karmakar	
8	15MS108	Bikash Ranjan Sahu	

Sl. No.	Roll No	Name	Minor degree
9	15MS012	Sidha Sankalpa Moharana	
10	15MS191	Subhasmita Swain	
11	15MS008	Nazia Hassan	
12	15MS086	Shivam Chandra	
13	15MS145	Debajit Sarkar	
14	15MS021	Sabyasachi Sahu	
15	15MS031	Sudeep Das	
16	15MS176	Ashim Anshuman Nayak	
17	15MS111	Amit Bera	
18	15MS081	Avilash Barua	
19	15MS052	Vishal Kumar	
20	15MS062	Jai Kishan Rajak	
21	15MS076	Madhu Kumari	
22	15MS014	Anandu P	
23	15MS118	Sourav Mandal	Physical Sciences
24	15MS003	Madhurima Marik	
25	15MS066	Subham Mandal	
26	15MS131	Komal Dhruw	
27	15MS005	Kajal Kumari	
28	15MS047	Arijit Mondal	
29	15MS048	Dhiraj Kumar	
30	15MS171	Chhableswhar Mourya	
31	15MS023	Meghrai Soren	
32	13MS119	Nawang Changchuk	
33	14MS124	Nagaraju Tadingi	
34	14MS132	Rupam Sarania	
35	15MS029	Sovan Biswas	
36	14MS138	Guddepogu Sumanth Kumar	
37	14MS011	Gugulothu Ramesh	
38	14MS050	Losna Hansda	
39	15MS165	Sandipan Mandal	
40	14MS116	Sunil Panwar	

Sl. No.	Roll No	Name	Minor degree choice
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Department of Mathematics and Statistics

1	15MS149	Debmalya Basak	Physical Sciences
2	15MS137	Shouvik Majumder	Biological Sciences
3	15MS037	Ritu Raj	Physical Sciences
4	15MS032	Sayan Saha	Chemical Sciences
5	15MS070	Suraj Kumar Sahoo	Biological Sciences
6	15MS036	Sweta Mahajan	
7	15MS189	Saptarshi Saha	
8	15MS009	Judhajit Barma	
9	14MS031	Arghya Mukherjee	

Department of Physical Sciences

Sl. No.	Roll No	Name	Minor degree choice
1	15MS083	Adipta Pal	Mathematics and Statistics
2	15MS139	Sounak Mukherjee	
3	15MS074	Ujan Chakraborty	Mathematics and Statistics
4	15MS082	Raunak Dey	
5	15MS164	Epari Shalini	
6	15MS071	Shesha Gopal M S	
7	15MS136	Sagnik Mukherjee	
8	15MS155	Pavan V	
9	15MS046	Dipayan Biswas	
10	15MS158	Ravisankar R	
11	15MS132	Ranadeep Ghosh Dastidar	
12	15MS172	Swayamsiddha Maharana	
13	15MS112	Gourab Das	
14	15MS156	Sayan Mitra	
15	15MS084	Sajal Gupta	
16	14MS041	Samyajit Gayen	
17	15MS159	Subhadip Pal	

Sl. No.	Roll No	Name	Minor degree choice
18	15MS174	Soubhik Pal	
19	15MS015	Simli Mishra	
20	15MS104	Maria Jose	
21	15MS144	Kasturi Barkataki	Mathematics and Statistics
22	15MS141	Sagnik Dutta	
23	15MS097	Navneet Kumar Karn	
24	15MS069	Rahul Sharan	Mathematics and Statistics
25	15MS157	Abhishek Nath	
26	15MS150	Prajwal Padmanabha	
27	15MS095	Soumya Dansana	
28	15MS188	Sasanka Dowarah	
29	15MS181	Nishkarsh Kumar	
30	15MS022	Pratyush Kumar Sahoo	
31	15MS006	Deepankar Sarmah	
32	15MS033	Amrutkar Ankit Rajendra	Biological Sciences
33	15MS123	Sukanya Baruah	
34	15MS056	Magare Sourabh Suryakant	
35	15MS045	Shreya Basak	Biological Sciences
36	15MS068	Tania Ghosh	
37	15MS106	Srikrishnaa J	
38	15MS096	Antareep Gogoi	
39	15MS122	Yogishree Arabinda Panda	
40	15MS116	Suvadeep Roy	
41	15MS186	Smruti Ranjan Pradhan	
42	15MS120	Aditi Bhatnagar	
43	15MS130	Akash Tiwari	
44	15MS091	Lakshmi. K	Biological Sciences
45	15MS002	Arkalekha Neogi	
46	15MS049	Yatish	
47	15MS057	Kokate Prajakta Makarand	
48	15MS050	Abhishek Muhuri	

Sl. No.	Roll No	Name	Minor degree choice
49	15MS058	Ayanabha Das	
50	15MS134	Ravi Vishwakarma	
51	15MS168	Monalisa Yadav	
52	15MS103	Abhinaba Ghosh	
53	15MS024	Soumadeep Saha	
54	15MS051	Meghraj M S	
55	15MS113	Rittik Patra	
56	15MS088	Partha Pratim De	
57	15MS179	Srishti Gajanan Dongare	
58	14MS068	Saikat Das	

IPhD Programme (Students Graduating with MS): 5

Department of Biological Sciences

SI No	Roll No	Name	Completion Date (DD-MM-YYYY)
1	17IP028	K Prakash Reddy	30.06.2020

Department of Chemical Sciences

1	16IP012	Ratnadip De	29.05.2019
2	17IP008	Sowvik Biswas	30.06.2020

Department of Earth Sciences

1	17IP018	Chintaparthi Venkateswar Reddy	27.05.2020
2	17IP017	Nandana Goswami	30.06.2020

IPhD Programme : 12

Department of Biological Sciences

1	11IP05	Bishwarup Paul	15.10.2019
2	11IP04	Abhishek Guha	17.01.2020
3	11IP09	Arikta Biswas	12-06-2020

Department of Chemical Sciences

1	12IP003	Supriya Sasmal	27-06-2019
2	11IP14	Pradip Kumar Hota	12-09-2019
3	12IP010	Debasish Podder	19.12.2019

SI No	Roll No	Name	Completion Date (DD-MM-YYYY)
4	12IP001	Sagar Ganguli	20.12.2019
5	12IP019	Chayan Kumar De	02-07-2020

Department of Physical Sciences

1	12IP006	Shuvojit Paul	23-07-2019
2	12IP020	Sudipta Saha	22-08-2019
3	13IP029	Sajal Mukherjee	30-09-2019
4	12IP007	Subhajit Barman	07.05.2020

PhD Programme : 33

Department of Biological Sciences

SI No.	Roll No.	Student Name	Completion Date (DD-MM-YYYY)
1	13RS008	Banhisikha Saha	23-08-2019
2	13RS039	Manmeet Singh	02-09-2019
3	13RS043	Avinash Sethi	06-09-2019
4	14RS065	Pritha Kundu	23-09-2019
5	12RS038	Mazharul Abbasi	16-10-2019
6	13RS019	Areen Sen	23.10.2019
7	13RS001	Subhani Rath	27.02.2020
8	14RS053	Debottam Bhattacharjee	05.05.2020

Department of Chemical Sciences

1	12RS031	Tanmoy Biswas	08-08-2019
2	12RS035	Ranita Samanta	20-09-2019
3	11RS028	Vardhanapu Pavan Kumar	27-09-2019
4	14RS026	SK. Atiur Rahaman	30.12.2019
5	12RS027	Snehasish Ghosh	07.01.2020
6	13RS046	Sukanya Konar	20.02.2020
7	14RS005	Biswajit Saha	12.03.2020
8	12RS034	Soumitra Barman	17-06-2020

Department of Earth Sciences

1	12RS019	Debarchan Powali	27.12.2019
2	14RS033	Debarati Chattopadhyay	20.01.2020

SI No.	Roll No.	Student Name	Completion Date (DD-MM-YYYY)
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Department of Mathematics and Statistics

1	13RS044	Mrinmay Biswas	16.01.2020
2	14RS009	Prahllad Deb	10.02.2020

Department of Physical Sciences

1	14RS018	Prateek Verma	22-08-2019
2	14RS010	Dipayan chakraborty	23-09-2019
3	12RS059	Mandira Pal	11-10-2019
4	14RS013	Shubham Chandel	14-10-2019
5	13RS010	Santanu Pal	15-10-2019
6	15RS047	Sumit Mukherjee	22-10-2019
7	13RS007	Subir Kumar Ray	25.10.2019
8	14RS047	Irina Jana	10.01.2020
9	12RS066	Jit Sarkar	06.03.2020
10	13RS016	Pinku Saha	16.03.2020
11	13RS033	Rafiqul Rahaman	03-07-2020
12	12RS068	Soumen Kumar Patra	25-06-2020

CESSI

1	13RS027	Rakesh Mazumder	05.05.2020
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List of Medal recipients in the year 2020

1. Category: **Director's Gold Medal** to students securing highest CGPA in respective departments.

Roll No	Name	CGPA	Department
15MS129	Rajlaxmi Saha	9.22	Biological Sciences
15MS143	Partha Sarathi Karmakar	9.59	Chemical Sciences
15MS142	Mukesh Kumar Dash	9.02	Earth Sciences
15MS149	Debmalya Basak	9.16	Mathematics and Statistics
15MS083	Adipta Pal	9.6	Physical Sciences
15MS139	Sounak Mukherjee	9.6	Physical Sciences

2. Category: **Chairman's Gold Medal** for best academic performance to a student securing overall highest CGPA across all departments.

Roll No	Name	CGPA	Department
15MS083	Adipta Pal	9.6	Physical Sciences
15MS139	Sounak Mukherjee	9.6	Physical Sciences

3. Category: **Chairman's Medal of Excellence** for best performing student for all-round performance chosen on the basis of academic performance, extra-curricular activities, involvement in students' bodies, and helping the society.

15MS045	Shreya Basak	8.26	Physical Sciences
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4. Category: **Chairman's Medal of Commendation** to PhD student(s) for excellence in extra-curricular activities.

Roll No.	Name	Department
14RS013	Shubham Chandel	Physical Sciences

List of Degree Recipients -BS-MS, IP-MS, PhD & IPhD (2021)

BS-MS Programme: 144 Students

Department of Biological Sciences

Sl. No.	Roll No	Name in English	Minor earned in
1	15MS020	Samarpita Sen	Chemical Sciences
2	16MS004	Vadlamannati Vijaya Arunima	Chemical Sciences
3	16MS006	Subhasis Dehury	
4	16MS008	Antonio Medhi	
5	16MS017	Sanskruiti Biswal	
6	16MS033	S N Samikshya	
7	16MS041	Ghanshyam Pandey	
8	16MS043	Biswanath Saha	
9	16MS051	Sachin Eldho	
10	16MS055	Paresh Priyadarshan Rana	
11	16MS071	Sankeert Satheesan	Physical Sciences
12	16MS075	Taniya Mandal	Chemical Sciences
13	16MS081	Amrutamaya Behera	Physical Sciences
14	16MS089	Ipshita Gayen	

Sl. No.	Roll No	Name in English	Minor earned in
15	16MS096	Soumyendu Narayan Saren	
16	16MS100	Arya Sachan	
17	16MS103	Arkaprabha China	Chemical Sciences
18	16MS116	Gunjan Misri	Chemical Sciences
19	16MS135	Ankita Nayak	Chemical Sciences
20	16MS139	Aniruddha Mukherjee	
21	16MS144	Diptomit Biswas	
22	16MS158	Susnato Das	
23	16MS168	Putchala Ravi Kiran	
24	16MS173	Kamlesh Kumar	
25	16MS178	Rakesh Padhan	
26	16MS182	Soham Bandyopadhyay	
27	16MS189	Subham Chakraborty	
28	16MS190	Nilanjana Nandi	Chemical Sciences
29	16MS192	Swastik Kar	
30	16MS193	Vishal Nandha K	
31	16MS196	Pragyan Dash	
32	16MS199	Pinaki Chanda	Chemical Sciences Physical Sciences
33	16MS200	Vineeth. G	Chemical Sciences

Department of Chemical Sciences

Sl. No.	Roll No	Name in English	Minor earned in
1	15MS028	Rituparno Chowdhury	
2	16MS001	Swapnil Mukherjee	Biological Sciences
3	16MS011	Trishalina Das	
4	16MS021	Sanapala Avinash	
5	16MS024	Sidharth Panda	
6	16MS029	Soham Chakraborty	Physical Sciences
7	16MS037	Shekhar Kumar	
8	16MS038	Abhishek Dubey	
9	16MS050	Souvik Ghosh	
10	16MS056	Ankit Basak	Biological Sciences
11	16MS057	Pragya Kumari	
12	16MS060	Utkarsh Mall	
13	16MS073	Ankurjyoti Koch	
14	16MS086	Nidhi Kumari	

Sl. No.	Roll No	Name in English	Minor earned in
15	16MS094	Vivek Das	
16	16MS095	Sudeep. K	
17	16MS106	Purnima A Murmu	Geological Sciences
18	16MS130	Anjali Verma	
19	16MS136	Mrinal Naskar	
20	16MS138	Sampanna Panigrahi	
21	16MS150	Ajay Kumar Soren	
22	16MS157	Satyam	
23	16MS185	Geeta Goyal	Biological Sciences
24	16MS191	Arijit Kundu	
25	16MS194	Suptish Ghosh	
26	16MS201	Vysakh. R	

Department of Earth Sciences

Sl. No.	Roll No	Name in English	Minor earned in
1	14MS107	Prince Roy	
2	15MS072	Abhinav Thakur	
3	16MS013	Aasadeep Singh	Physical Sciences
4	16MS016	Anmol Raj Mandal	
5	16MS026	Indrajit Behera	
6	16MS028	Mukesh Kumar	
7	16MS032	Dipjyoti Basumatary	
8	16MS044	Mukesh Prasad	
9	16MS049	Bibhutibhusan Naik	
10	16MS066	Twismary Kharphuli	Biological Sciences
11	16MS067	Deblina Ray	
12	16MS091	Sourav Mandal	
13	16MS097	Tarun Marothiya	Chemical Sciences
14	16MS098	Samik Mandal	
15	16MS104	Dhrubadyuti Dutta	
16	16MS124	Hitesh Majhi	
17	16MS162	Siddharth Khan	Chemical Sciences
18	16MS169	Kaushik Kumar Pradhan	
19	16MS170	Niharika Garg	Chemical Sciences
20	16MS186	Atul Bhau Kubare	Physical Sciences
21	16MS187	Bhanu Priya Boipai	Biological Sciences
22	16MS188	Joydipa Biswas	
23	16MS195	Sukanya Kumar	

Department of Mathematics and Statistics

Sl. No.	Roll No	Name in English	Minor earned in
1	16MS012	Pallab Kumar Hembram	
2	16MS023	Aditya Kumar Singh	
3	16MS027	Ramyak Bilas	
4	16MS054	Siddhi Kanta Mishra	
5	16MS065	Rahul Mandal	
6	16MS132	Arantha Ranu	
7	16MS151	Anirban Dey	
8	16MS147	Akash Kumar Nigam	
9	16MS153	Narayan Seshadri S	
10	16MS160	Ashish Kumar	Physical Sciences
11	16MS161	Arani Paul	
12	16MS166	Abhigyan Saha	Physical Sciences

Department of Physical Sciences

Sl. No.	Roll No	Name in English	Minor earned in
1	15MS064	Syed Afrid Jahan	Mathematical Sciences
2	15MS090	Jeware Pratik Ganesh	
3	16MS002	Harley Suchiang	
4	16MS003	Tejas S	Mathematical Sciences
5	16MS007	Vishal Singh	
6	16MS009	Sayak Biswas	Mathematical Sciences
7	16MS015	Abhisha T	
8	16MS035	Soham Ghosh	
9	16MS039	Yalavarthi Eeswar Kumar	
10	16MS040	Aman Anil Punse	
11	16MS045	Swapnil Dutta	Mathematical Sciences
12	16MS046	Subhadeep Biswas	Mathematical Sciences
13	16MS047	Avhad Siddharth Sanjaykumar	Biological Sciences
14	16MS048	Pronoy Das	
15	16MS052	Akhil Kumar	
16	16MS058	Arkaprava Mukherjee	
17	16MS061	Sayantana Maity	
18	16MS063	Rithwik Pandey	
19	16MS064	Rahul Pratap Singh	
20	16MS068	Estuti Shukla	
21	16MS076	Agnibha Banerjee	
22	16MS077	Niku Nitin	

Sl. No.	Roll No	Name in English	Minor earned in
23	16MS078	Mukil M	Biological Sciences
24	16MS079	Saptarshi Biswas	Mathematical Sciences
25	16MS083	Anuraj Laha	
26	16MS085	Prajwal Panda	
27	16MS087	Aditya Shukla	Chemical Sciences
28	16MS088	Arnab Sarkar	
29	16MS102	Om Gupta	
30	16MS108	Debasish Parida	
31	16MS109	Varun Srivastava	
32	16MS114	Ashwini Kumar	
33	16MS115	Fazlul Yasin	
34	16MS122	Nitish Kumar Chandra	
35	16MS123	Yeshma Ibrahim	
36	16MS125	Dishari Malakar	
37	16MS128	Sayantana Das	
38	16MS134	Mahankali Mounica	Mathematical Sciences
39	16MS137	Abhinash Kumar Roy	
40	16MS145	Shivansh Joshi	
41	16MS152	Anuran Pal	Mathematical Sciences
42	16MS156	Amlan Datta	
43	16MS159	Gulshan Kumar	Geological Sciences
44	16MS164	Anubhab Sur	Mathematical Sciences
45	16MS175	Abhinav Patra	Mathematical Sciences
46	16MS179	Soumik Mahanti	
47	16MS180	Sankha Subhra Mahanti	
48	16MS183	Tushar Gupta	
49	16MS198	Balu Shahaarica	Mathematical Sciences
50	16MS205	Manas Vishal	

Student passing with BS Degree: 1

Department of Physical Sciences

Sl. No.	Roll No	Name	Year of completion
1	13MS084	Bandhan Panda	2021

I PhD Programme (Students Graduating with MS): 5**Department of Biological Sciences**

Sl. No.	Roll No.	Name	Year of Completion
1	17IP030	Amit Kumar	2020
2	18IP020	Debanjana Das	2021

Department of Chemical Sciences

Sl. No.	Roll No.	Name	Year of Completion
1	17IP007	Subhendu Mandal	2020
2	17IP022	Aniruddha Ghosh	2020
3	17IP024	Aranya Sarkar	2020

MS By Research Programme in Space Physics: 3**Center of Excellence in Space Sciences India (CESSI)**

Sl. No.	Roll No.	Name	Year of Completion
1	19MR001	Gopi Kamlesh Patel	2021
2	19MR002	Shreyan Sadh	2021
3	19MR003	Arpita Roddanavar	2021

I PhD Programme (Students Graduating with PhD): 16**Department of Biological Sciences**

Sl. No.	Roll No.	Name	Date of Completion
1	13IP005	Aritraa Lahiri	20-04-2021
2	13IP041	Abhishek Bose	15-12-2020

Department of Chemical Sciences

Sl. No.	Roll No.	Name	Date of Completion
1	12IP002	Sayantani Bhattacharya	23-12-2020
2	13IP002	Jasimuddin Ahmed	09-11-2020
3	13IP007	Debashrita Sarkar	15-04-2021
4	13IP030	Sujay Kumar Nandi	12-10-2020

Department of Earth Sciences

Sl. No.	Roll No.	Name	Date of Completion
1	13IP028	Deepak Kumar Jha	23-04-2021
2	13IP038	Biswajit Roy	11-01-2021

Department of Mathematics and Statistics

Sl. No.	Roll No.	Name	Date of Completion
1	13IP034	Gargi Ghosh	23-09-2020

Department of Physical Sciences

Sl. No.	Roll No.	Name	Date of Completion
1	12IP009	Subhrokoli Ghosh	21-08-2020
2	12IP026	Chiranjeeb Singha	15-09-2020
3	13IP001	Avijit Chowdhury	21-05-2021
4	13IP009	Anurag Banerjee	28-07-2020
5	13IP016	Sachin Pandey	30-12-2020
6	13IP027	Ankit Kumar Singh	20-08-2020
7	14IP016	Shreya Banerjee	10-03-2021

PhD Programme: 51

Department of Biological Sciences

Sl. No.	Roll No.	Name	Date of Completion
1	12RS030	Rinku Kumar	28-01-2021
2	13RS002	Aditya Ghoshal	04-01-2021
3	13RS003	Rubina Mondal	09-04-2021
4	13RS012	Reshma Kumari Sharma	09-07-2021
5	14RS030	Dipon Kumar Mondal	23-12-2020
6	14RS041	Shritama Aich	27-11-2020
7	14RS063	Ankita Singh	03-11-2020
8	14RS070	Kasturee Chakraborty	09-07-2021
9	14RS081	Soumya Kundu	29-12-2020
10	15RS025	Kannan Asha	13-10-2020
11	16RS001	Shubhasish Goswami	12-07-2021
12	17RS039	Martina Felix	18-06-2021

Sl. No.	Roll No.	Name	Date of Completion
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Department of Chemical Sciences

1	12RS021	Sourav Kanti Seth	29-07-2020
2	13RS032	Abhijit Biswas	13-01-2021
3	13RS035	Kousik Das	12-04-2021
4	14RS004	Samaresh Samanta	17-05-2021
5	14RS015	Abhijeet Ramanand Agrawal	26-03-2021
6	14RS020	Neha Rani Kumar	19-02-2021
7	14RS021	Rajashree Banerjee	16-07-2020
8	14RS027	Rahul Majee	28-12-2020
9	14RS060	Sumit Naskar	11-08-2020
10	14RS066	Bhagat Singh	13-05-2021
11	14RS068	Abhisek Ghosal	23-04-2021
12	14RS072	Tapendu Samanta	07-04-2021
13	14RS077	Smita Ghosh	27-08-2020
14	15RS018	Moumita Maji	22-01-2021
15	15RS030	Sourav Acharya	29-01-2021
16	15RS031	Rajan Kumar	08-01-2021
17	15RS033	Sourav Mete	22-07-2020
18	15RS044	Monochura Saha	18-12-2020
19	15RS052	Krishna Gopal Goswami	26-11-2020
20	15RS054	Sangita Majumdar	04-02-2021
21	15RS056	Neha Choudhury	24-11-2020
22	15RS057	Pawan Kumar	02-06-2021
23	15RS065	Ashutosh Ghosh	04-12-2020
24	16RS009	Anirban Adak	10-02-2021
25	16RS056	Mrittika Mohar	18-09-2020
26	17RS051	Bittu Chandra	24-12-2020
27	17RS056	Kaushik Dey	31-03-2021
28	17RS057	Himadri Sekhar Sasmal	25-06-2021

Department of Earth Sciences

1	13RS018	Saurav Dutta	22-07-2020
2	13RS028	Atul Kumar Singh	17-07-2020
3	14RS031	Anurag Kumar	12-02-2021
4	14RS043	Kartika Goswami	24-02-2021
5	14RS052	Mahadev	10-03-2021

Department of Mathematics and Statistics

1	14RS073	Tiasha Saha Roy	21-04-2021
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Sl. No.	Roll No.	Name	Date of Completion
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Department of Physical Sciences

1	14RS016	Anirban Mukherjee	05-02-2021
2	14RS024	Anushree Datta	08-07-2021
3	14RS057	Soumyajit Seth	23-12-2020

Center of Excellence in Space Sciences India (CESSI)

1	15RS016	Lekshmi B	25-03-2021
2	15RS036	Sanchita Pal	22-12-2020

List of Medal recipients in the year 2021

1. Category: **Director's Gold Medal** to students securing highest CGPA in respective departments

Roll No	Name	CGPA	Department
15MS020	Samarpita Sen	9.46	Biological Sciences
16MS024	Sidharth Panda	9.42	Chemical Sciences
16MS067	Deblina Ray	9.23	Earth Sciences
16MS027	Ramyak Bilas	9.39	Mathematics & Statistics
16MS009	Sayak Biswas	9.88	Physical Sciences

2. Category: **Chairman's Gold Medal** for best academic performance to a student securing overall highest CGPA across all departments

16MS009	Sayak Biswas	9.88	Physical Sciences
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3. Category: **Chairman's Medal of Excellence** for best performing student for all-round performance chosen on the basis of academic performance, extra-curricular activities, involvement in students' bodies, and helping the society.

Roll No.	Name	CGPA	Department
16MS137	Abhinash Kumar Roy	8.56	Physical Sciences

4. Category: **Chairman's Medal of Commendation** to PhD student(s) for excellence in extra-curricular activities.

Roll No.	Name	Department
13IP016	Sachin Pandey	Physical Sciences

Exhortation

By virtue of the authority vested in me as the Chairman of the Senate of Indian Institute of Science Education and Research Kolkata, I now admit you to the degrees of Bachelor of Science, Master of Science, and Doctor of Philosophy and do grant and confer upon all the rights, privileges, honours, and dignities pertaining to the Degrees.

Remember that your knowledge and intellectual attainment is the most sacred wealth of the nation. You shall, therefore, use it in a manner befitting the honour and dignity of your country and of your alma mater. You shall make every effort in all circumstances to uphold scientific temper, dignity of your profession and integrity of your character. You shall endeavour, in every way, through thought, word and action to bring about the well-being of the people.

The recipients (Disciples): "Yes, I shall act accordingly."