

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH  
THIRUVANANTHAPURAM

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान  
तिरुवनंतपुरम



# 8<sup>TH</sup> & 9<sup>TH</sup> JOINT CONVOCAATION

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Online Graduation Ceremony	28 July 2021 10:30 AM
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Youtube streaming link: [www.youtube.com/iisertvm](http://www.youtube.com/iisertvm)

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# ABOUT

## IISER THIRUVANANTHAPURAM

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Indian Institute of Science Education and Research Thiruvananthapuram (IISER TVM), is dedicated to scientific research and science education of international standards. Traditionally, teaching has been segregated from research in undergraduate science curricula in our country. IISERs were established by the Ministry of Human Resource Development, Government of India, to bridge this dichotomy.

IISER TVM started functioning in August 2008. The Institute aims to provide high-quality education in modern science, integrate it with outstanding research at the undergraduate level, and develop a spirit of research cutting across disciplines. The faculty are engaged in research in the frontier areas of basic sciences, with a high degree of autonomy and creativity.



## VISION AND MISSION

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The inauguration of the permanent campus buildings of IISER Thiruvananthapuram and the setting up of teaching and research facilities on campus is a significant step towards fulfilling the Institute's vision of creating new knowledge in basic sciences while opening the minds of young students to that knowledge in a manner that best serves the country and the world in the twenty-first century and beyond.

To fulfil this vision, IISER Thiruvananthapuram is continually pursuing and taking systematic steps for fulfilling its key missions:

- To facilitate scientific research of the highest calibre, contributing to the intellectual capital and economic progress of the nation and its people.
- To develop a teaching program immersed in a vibrant research environment that can train the scientific professionals of tomorrow.
- To channel advances in basic sciences into technology and applications with socio-economic benefits to the people of the region, nation and the world.
- To collaborate and cooperate with institutions around that share this mission to this end.
- To reach out and foster in the larger society around the spirit of scientific inquiry and the pursuit of excellence in rational thought, innovation and discovery.

# 8<sup>TH</sup> & 9<sup>TH</sup> JOINT CONVOCATION

28 July 2021 | 10:30 AM

## CHIEF GUEST

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**Dr. Soumya Swaminathan**

Chief Scientist, World Health Organization

## PROGRAM

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- Academic procession
- Declaration of the opening of the convocation by the Chairperson, Board of Governors
- Welcome and Director's report
- Award of the degrees by the Chairperson, Senate
- Address by the Chairperson, Board of Governors
- Presentation of the medals by the Director
- Introduction of the Chief Guest by the Director
- Convocation address by the Chief Guest
- Oath taking by the graduating students
- Declaration of closing of the convocation by the Chairperson, Board of Governors
- National Anthem
- Academic procession departs

## BOARD OF GOVERNORS

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### Chairperson (Addl. Charge)

Prof. Arvind A. Natu

### Members

Prof. Ashutosh Sharma  
Secretary, Department of Science and  
Technology, Govt. of India

Shri. Rakesh Ranjan  
Addl. Secretary, Department of Higher  
Education, Ministry of Education, Govt. of  
India

Dr. Guruprasad Mohapatra  
Secretary, Department of Industrial Policy  
& Promotion, Govt. of India

Shri. V. P. Joy IAS  
Chief Secretary, Govt. of Kerala

Smt. Darshana M. Dabral  
Joint Secretary & Financial Advisor,  
MHRD, Govt. of India

Prof. Jarugu Narasimha Moorthy  
Director, IISER TVM

Prof. Govindan Rangarajan  
Director, IISc, Bangalore

Prof. B. S. Murty  
Director, IIT Hyderabad

Prof. K. George Thomas  
School of Chemistry, IISER TVM

Prof. M. P. Rajan  
School of Mathematics, IISER TVM

### Secretary

Col. Robinson George (Retd)  
Registrar, IISER TVM

## Chairperson

Prof. Jarugu Narasimha Moorthy  
Director, IISER TVM

## Members

Prof. Srinivasa Murty Srinivasula  
Professor-in-charge (Admn.), School of  
Biology, IISER TVM

Prof. Suresh Das  
Emeritus Professor, School of Chemistry,  
IISER TVM

Prof. Yashwant D. Vankar  
Emeritus Professor, School of Chemistry,  
IISER TVM

Prof. Neela Nataraj  
Department of Mathematics, IIT Bombay

Prof. N. Venkata Reddy  
Department of Mechanical and  
Aerospace Engineering, IIT Hyderabad

Prof. Binay Kumar Pattnaik  
Department of Humanities and Social  
Sciences, IIT Kanpur

Prof. K. George Thomas  
School of Chemistry, IISER TVM

Prof. M. P. Rajan  
School of Mathematics, IISER TVM

Prof. M. R. N. Murthy  
Visiting Professor, School of Biology,  
IISER TVM

## Secretary

Col. Robinson George (Retd)  
Registrar, IISER TVM

Prof. M. K. Mathew  
Visiting Professor, School of Biology, IISER  
TVM

Prof. Hema Somanathan  
School of Biology, IISER TVM

Prof. Tapas Kumar Manna  
School of Biology, IISER TVM

Prof. Kana M. Sureshan  
School of Chemistry, IISER TVM

Prof. Mahesh Hariharan  
School of Chemistry, IISER TVM

Prof. Utpal Manna  
School of Mathematics, IISER TVM

Prof. Ramesh Chandra Nath  
School of Physics, IISER TVM

Prof. Anil Shaji  
School of Physics, IISER TVM

Dr. Nishant K. T.  
Head, School of Biology, IISER TVM

Dr. Viji Z. Thomas  
Head, School of Mathematics, IISER TVM

Dr. Joy Mitra  
Head, School of Physics, IISER TVM

## FINANCE COMMITTEE

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### **Chairperson (Addl. Charge)**

Prof. Arvind A. Natu

### **Members**

Shri. Rakesh Ranjan  
Addl. Secretary, Department of Higher Education,  
Ministry of Education, Govt. of India

Smt. Darshana M. Dabral  
Joint Secretary & Financial Advisor,  
MHRD, Govt. of India

Prof. Jarugu Narasimha Moorthy  
Director, IISER TVM

Prof. Yatindra Nath Singh  
Dean of Infrastructure and Planning, IIT Kanpur

Prof. Anil Shaji  
School of Physics, IISER TVM

### **Secretary**

Col. Robinson George (Retd)  
Registrar, IISER TVM



# BUILDING AND WORKS COMMITTEE

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## **Chairperson**

Prof. Jarugu Narasimha Moorthy  
Director, IISER TVM

## **Members**

Shri V. R. Rengasamy  
Head, Infrastructure and Constructions, NCBS-TIFR, Bangalore

Shri. Anil Kumar Jain  
Former Special Director General (Retd), CPWD

Prof. B. V. S. Viswanadham  
Dean of Infrastructure, Planning and Support, IIT Bombay

Prof. K. George Thomas  
Professor, IISER TVM

Dr. Manoj Kumar K  
Principal, Kerala State Institute of Design, Kollam

Col. Robinson George (Retd)  
Registrar, IISER TVM

## **Secretary**

Shri. V. K. Siva Dutt  
Sup. Engineer & Estate Officer, IISER TVM

## ADMINISTRATION

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Prof. Jarugu Narasimha Moorthy  
Director

Prof. S. Murty Srinivasula  
Professor-in-charge (Admn.)

Col. Robinson George (Retd)  
Registrar

Prof. Anil Shaji  
Dean (Academics)

Prof. K. George Thomas  
Dean (Faculty Affairs)

Prof. K. M. Sureshan  
Dean (Infrastructure and Planning)

Prof. Hema Somanathan  
Dean (Research and Development)

Prof. Utpal Manna  
Dean (Student Affairs)

Dr. Nishant K. T.  
Head, School of Biology

Prof. Mahesh Hariharan  
Head, School of Chemistry

Dr. Joy Mitra  
Head, School of Physics

Dr. Viji Z. Thomas  
Head, School of Mathematics

## ACADEMIC FRATERNITY

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Faculty Members : 73  
Staff : 71

### Current Enrollment of Students

BS-MS Programme : 1028  
Integrated PhD Programme : 148  
PhD Programme : 209



## DIRECTOR'S REPORT

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### **Prof. Jarugu Narasimha Moorthy** **Director, IISER TVM**

As the Director of the Indian Institute of Science Education and Research Thiruvananthapuram (IISER TVM) and on behalf of the Board of Governors of the Institute, I extend a warm welcome to our Chief Guest Dr. Soumya Swaminathan, Chief Scientist, World Health Organization (WHO) and a member of the WHO Headquarters Leadership Team. It gives me immense pleasure to welcome Professor Arvind A. Natu, Chairperson, Board of Governors, members of the Finance Committee, the Building and Works Committee, the Senate, distinguished invitees, faculty colleagues, administrative staff, students, proud family members of the graduating students and members of the print/electronic media to this 8<sup>th</sup> and 9<sup>th</sup> Joint Convocation of IISER TVM being conducted in a virtual mode.

The years 2020 and 2021 will remain etched in our memories for a long time to come. An invisible virus has killed hundreds of thousands of people across continents, disrupted normal life everywhere, destroyed livelihood for countless and ravaged the lives of millions. Our governments, policymakers, scientists, healthcare workers, law enforcement agencies, civil society, and common citizens are working hard to bring some semblance of normalcy in these trying times. This virtual Joint Convocation of our 8 and 9 batches of students is a step in that direction. Of course, we would have preferred to have this celebratory event offline on campus and honour our students for their accomplishments and academic excellence. Hopefully, that time is not far off.

The pandemic has slowed down our regular life considerably. However, it has not completely halted the academic and development work on campus. Over the past two years, our beautiful campus has seen the addition of an excellent guest house in the name of Visitors' Forest Retreat, three residential blocks, a student activities center, a student lounge and several ancillary structures. A new lecture theater complex is also slated to join the list of completed buildings soon. The Institute has also set in motion the process of 'exit' from the project mode, so that regular funds from the government can become available to the Institute, allowing for the next phase of development. The rugged surroundings left behind from campus-wide constructions have been transformed into manicured lawns and gardens in bloom, offering an exquisite feel to the students who have returned to the campus after a long hiatus due to the pandemic. In response to the challenges of the times, a state-of-the-art COVID testing facility has been set up in our Health Center, which is being managed through the tireless efforts of a committed group of people. In addition to helping the local region by testing thousands of samples regularly, we have been able to ensure that the virus does not upend the academic activities of the Institute. We acknowledge invaluable guidance and support by the former Chairperson of the BoG, Dr. Madhavan Nair Rajeevan, Secretary, Ministry of Earth Sciences and the current Chairperson, Prof. Arvind A. Natu. We are also grateful to the Ministry of Education for constant financial support.

Notwithstanding the upheavals inflicted by the pandemic, IISER TVM has been making impressive progress in all areas of research in pure and applied sciences. The faculty members have been at the forefront, and are actively engaged in research in pursuit of discoveries in several niche areas of science. These include cancer research, emerging viral pathogens, genome stability, patterns and processes of diversification in nature, plant-pollinator interactions, mutations, chronobiology and neurodegeneration, photochemistry of novel organic compounds, drug-free cancer therapy, photoredox catalysis, supramolecular chemistry, synthesis of new materials and applications, electrochemical energy storage, modelling of nanostructures and excited-state intramolecular proton transfer, bio-imaging photochemistry and photophysics of molecular assemblies, crystal engineering,

interdisciplinary research in data science, machine learning and artificial intelligence, numerical analysis and scientific computing, stochastic partial differential equations, applied mathematics and geometry, topology, superconductivity, magnetism, materials modelling, novel materials for smart device applications, quantum Hall effect, bandgap materials, photovoltaics, thermoelectrics, semiconductors, solar cells and LEDs, energy storage devices, non-linear optics, plasmonics and bio-medical engineering, imaging technology, semiconductor nanocavities, quantum devices, information and materials, quantum field theory, fluid dynamics and non-linear dynamics, nonequilibrium physics, cosmology, particle physics, string theory and gravitational waves.

We currently have 11 Professors, 21 Associate Professors, 41 Assistant Professors as regular faculty at IISER TVM. We are proud to have distinguished scientists as Visiting Professors, Adjunct Faculty and Professors with Emeritus status amongst us to guide our students in frontier and new evolving areas of research. Of noteworthy is the fact that our faculty are recipients of prestigious national and international awards, which include the Mercator Fellowship, Humboldt fellowship, A V Rama Rao Foundation Prize, the Silver and Bronze Chemical Research Society of India (CRSI) Medals, Prof C. N. R. Rao Prize, National Award in Technology Innovation, Fellowship of the Indian Academy of Sciences, S Ramachandran National Bioscience Award, Sastra C N R Rao Award, Bhagyatara Award, J C Bose National Fellowship, Intermediate Career Fellowship, Kerala State Young Scientist Award among others. I am proud that our faculty are on the editorial boards of leading scientific journals and publications. Their research work is showcased as cover page articles in journals of international repute and covered by international media. Some of our faculty are executive committee/board members of important scientific bodies, while others are Visiting Professors in foreign Universities, and many have productive collaborations with reputed national and international research institutes in emerging areas of scientific research and socially relevant projects.

The restrictions imposed on travel have undoubtedly affected one-to-one interactions with experts and collaborators. Still, we have not allowed this to dampen our spirits or slacken our research progress. Right through the pandemic, we have remained connected with our students and collaborators. We have adapted quickly to the challenges of times. By adopting smart technology and tools, we have been successful in filling the void created by the pandemic to a large measure. By switching over to online discourse within a short period of time, IISER TVM created 4 state-of-the-art studios for the recording of lectures by the faculty and ensured that the students were constantly engaged through high-quality

video-recorded teaching material and online interactive sessions regularly. Our faculty have organized several online talks, webinars, training programs, symposia and workshops with leading scientists and research institutions both within our country and far away from our borders to ensure that we keep abreast of all developments and advances in Science. Amongst various others, it must be mentioned that IISER TVM was chosen as one of the 'Champion Institutes' for Vaishvik Bharatiya Vaigyanik (Vaibhav) Summit, a Global Summit of NRI Scientists, undertaken by the Government of India in 2020. It championed deliberations on two important verticals, namely, Advanced and Functional Materials and Catalytic Materials and Processes, with accomplished NRI scientists spread across the globe over a period of 4 days. With a gradual decline in the number of COVID cases in the country, the Institute began bringing students back into the campus. As of today, we have around 900 (out of 1400) students on campus. I am proud to say that IISER TVM is one of the very few institutions in the country that has conducted offline exams and laboratory experiments for all 2020 and prior batches of students. The Institute has braved, against all odds, bringing batches of students from time to time to provide hands-on experience with laboratory experiments while dispensing with virtual laboratory mode.

Insofar as the research activities are concerned, I must say that we have run the laboratories with 300+ research scholars on the campus at any given time. Should the quantum of funding secured for research be a measure of success, I wish to say with pride that IISER TVM stands tall. In the last two years, 2019-20 and 2020-21, we have operated 132 projects with a research outlay of INR. 96.286 Cr. We have 11 high-value projects – five at the School of Biology worth 9.85 Cr, five at the School of Physics worth 20.5 Cr and one at the School of Chemistry worth 1.1 Cr. Seven of these high-value projects are funded by the DST, 3 under the INSPIRE Faculty Fellowship, 2 each by the FIST and ICPS, one by SERB and the remaining three by the DBT. Additionally, our faculty also receive grants through the MoE (formerly MHRD), DAE, UGC-UKIERI, ISRO, KSCSTE, ICAR-NASF, etc. Some of our socially relevant projects include (i) potato crop improvement, (ii) biomedical research to develop a hand-held low-cost device for real-time intraoperative scanning applications, (iii) noble-metal-free advanced catalysts for hydrogen generation and fuel cell applications, (iv) design of a surface-enhanced spectroscopy-based device for the rapid detection of organophosphate pesticides and pyrethroid insecticides in fruits and vegetables, (v) biodiversity and pollination research on honeybees, (vi) stem cell biology especially dealing with ageing, cancers and neurodegenerative diseases, and (vii) virology research on COVID and coronaviruses.

IISER TVM has a total of 15 patents that are in different stages of processing. Out of these, two patents were granted to IISER TVM faculty members. One is on organogelator cellulose composite for practical and eco-friendly marine oil spill recovery. The other is a method for the synthesis of layered luminescent transition metal dichalcogenide quantum dots. In the last two years, we have entered into collaborations and signed MoUs with the Nara Institute of Science and Technology, Japan, The University of Newcastle, Australia and the Temple University, Philadelphia, USA, to develop and pursue collaborative research efforts with these overseas research partners.

The Institute has been making progress in terms of its teaching portfolio as well. A thorough revision and update of the syllabus of the flagship BS-MS program was undertaken in 2020, and the revisions have come into effect from the academic year 2020-21 onward. IISER TVM also conceived and launched – in keeping with paradigm changes in higher education and preparing young minds for tomorrow's challenges in a proactive manner – five new imaginative and topical undergraduate programs named the “ $i^2$  sciences”, where the  $i^2$  stands for integrated and interdisciplinary. The  $i^2$  Biological Sciences,  $i^2$  Chemical Sciences,  $i^2$  Mathematical Sciences and  $i^2$  Physical Sciences programs build upon the strengths of the Institute in basic sciences and aim to impart training to the students with a distinct emphasis on applied aspects of modern science cutting across the traditional borders between various subjects.  $i^2$  Data Sciences program is a new addition that integrates the new and fast-expanding field of data science with the methods and techniques of the basic sciences. I am enthused to disclose the academic expansion plans of IISER TVM for 2021-2022. The Institute will soon launch 2-Year M.Sc. programs in all science subjects (biology, chemistry and physics) and mathematics. The programs on the anvil are meant to provide a modern and immersive research-integrated education to the bachelor's degree holders with a resolute commitment to pursue careers in science. These programs are also envisaged to produce a rich pool of competent and skilled graduates necessary for research (PhD) in complex, arduous and challenging scientific problems of contemporary interest. Of course, IISER TVM is endeavouring to expand its gamut of programs and carve a niche for itself in the country for top-quality higher education with immersive research experience.

The progress the Institute is making steadily as evidenced by the fact that IISER TVM has sprung up into the top 100 institutions with a NIRF ranking of 80 in the year 2020. In the latest Nature Index rankings declared for the top 100 Indian institutions based on the data for the period from 01 January 2020 to 31 December 2020, released only a few days ago, IISER TVM is ranked impressively at 14. Suffice it to say that plans are firmly afoot to nudge the institution into a trajectory of greater heights and visibility.

Let me now return to the main focus of the event today, namely the graduation. It is indeed unfortunate that the students of Batch 2015 had to leave the campus abruptly in March 2020 with barely six or eight weeks remaining in their last semester at the Institute. All the waypoints that usually mark the leaving of a batch of students, like Alvida 2020 and even the 8<sup>th</sup> Convocation of the Institute, had to be put on hold and postponed. The students who had regarded the Institute as their home for five years had to leave without even a friendly pat on their back. I hope that having the 8<sup>th</sup> Convocation, though, in a virtual mode today will bring at least a small measure of closure to the innings of Batch 2015 students at IISER TVM. On the other hand, the students from Batch 2016 were able to come back to the campus at the end of 2020 and leave only after completing the research work for their final year projects. This batch of students was, in fact, the first to enter the Vithura campus in August 2016, and they have seen it transform from a raw form with only a few completed buildings to the present state in which only a few buildings remain to be completed. I am indeed glad that they all have had a productive and fulfilling stay at IISER TVM; the interruption by the pandemic to their academic life on campus has been only brief relatively.

If I may summarize, today, 130 BS-MS students, 16 PhD students and 4 Integrated PhD students, who completed their studies last academic year are graduating as part of the 8<sup>th</sup> Convocation of the Institute. As part of the 9<sup>th</sup> Convocation, 162 BS-MS students, 23 PhD students and 3 Integrated PhD students are graduating in the current academic year after completing their studies.

My dear students, let me quote what Helen Keller said, "character cannot be developed in ease and quiet. Only through experience of trial and suffering can the soul be strengthened, vision cleared, ambition inspired, and success achieved." I am sure the pandemic has strengthened your resolve to be competent, inspired you to be ambitious, and prepared you to be determined to pursue your goals. The present pandemic is only a hitch in your long journey.

I want to tell you to stay focused and pursue your dreams with unfettered determination. Remember what A. P. J. Abdul Kalam said, "dream is not that which you see while sleeping, but it is something that does not let you sleep." You have been recipients of excellent education and training in science. You have imbibed the necessary ingredients to think creatively and solve problems in imaginative ways. I am confident that you will all be able to thrive and make headways in your chosen paths in the years to come. The best wishes of the entire IISER fraternity are with you!

I wish you all much success, with fun and happiness!





## ADDRESS BY CHAIRPERSON, BoG

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### **Prof. Arvind A. Natu** Chairperson, BoG

IISER Thiruvananthapuram is the 5<sup>th</sup> of the series, established in 2008 in the southern state of Kerala. The Institute began functioning with only 14 BS-MS students in a temporary campus. From this humble beginning, IISER TVM is emerging to leave a mark in high-quality scientific research and education, and carve a niche for itself as an institution of national and international acclaim.

Given the difficult, hilly terrain and the location of the campus in an ecologically sensitive area, it has taken several long years to complete construction of the academic, administrative and hostel and residential buildings. Eventually, the permanent campus began to function in 2016 and shifting of the operations was completed in phases by 2018. With the completion of the shift of all activities to the permanent campus, the institute has begun to accelerate student intake and faculty hiring. Freed from space constraints of the transit campus, there was a marked increase in establishing research infrastructure. With fully functional labs and a thriving community of students, faculty members and staff, research productivity dramatically increased.

The research from IISER TVM is routinely published in highly reputed journals. As many of you will know, one of the fundamental principles on which the IISERs are based is the integration of undergraduate education with research. Undergraduate students of the flagship BS-MS program are an integral part of many research projects, in sync with the very essence of the IISER system.

The placements of IISER students after their education stand a testament to both the quality of students and the training provided. Our BS-MS students are routinely accepted into PhD programs in some of the best research labs across the world. Indeed, the best BS-MS graduates are highly sought after, each graduate often receiving multiple offers from world-renowned universities. Many of our PhD students have gone on to do postdocs in reputed laboratories. Our students have won numerous accolades including the prestigious Prime Minister's Research Fellowship and the DAAD WISE scholarships. This I believe is proof that the founding principles for which the IISERs were formed, are beginning to fructify.

The stunning location of the campus, amidst the green environs of the Western Ghats mountain system, has not only provided an invigorating atmosphere for research and education but also leaves fond memories in the minds of all visitors. Indeed, the Institute has been hosting an increasing number of academic visitors from all over the world. I understand that the visitors after returning home are spreading the image of IISER TVM as a fast-growing world-class academic institution in a remote part of India.

At the same time, IISER Thiruvananthapuram has been contributing to the upliftment of the local communities. The Institute has a strong outreach program involving our faculty members who visit schools and colleges across Kerala, as well as in neighbouring states. As part of these outreach activities, faculty members give seminars and engage with teachers and students, with the aim of encouraging and inspiring interest in science. In parallel, our students engage with local schools to interact with young students. Our commitment to science for the betterment of society is obvious in our efforts to use our scientific training to tackle the ongoing pandemic, by setting up a COVID testing facility.

Slowly but surely, the Institute is making its mark as an institution of top-class research and quality education of global repute. I am encouraged by the positive atmosphere, the enthusiasm and the unflinching commitment of the entire IISER fraternity.

On this encouraging note, I wish all of you, especially the graduating batches very successful and fulfilling careers in science and in whatever else you choose to do. Each of you is a part of this glorious institution, and I appeal to you to bring glory to your alma mater, as you set foot outside the institution.

Congratulations and best wishes to all the new graduates, and the committed teachers who guided them through this journey.



## CHIEF GUEST

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### **Dr. Soumya Swaminathan** **Chief Scientist,** **World Health Organization**

Dr. Soumya Swaminathan was chosen as WHO's first Chief Scientist in March 2019. In this position, her vision is to ensure that WHO is at the cutting edge of science and is able to translate new knowledge into meaningful impact on population health worldwide. She is trained as a paediatrician and is a globally recognized researcher on tuberculosis and HIV. She has 30 years of experience in clinical care and research and has worked throughout her career to translate research into impactful programmes.

Dr. Swaminathan received her M.B.B.S. from the Armed Forces Medical College in Pune. She received an M.D. in paediatrics from the All India Institute of Medical Sciences in New Delhi. She is a Diplomate of the National Board from the National Board of Examinations. Afterwards, Dr. Swaminathan completed her post-doctoral medical fellowship in neonatology and paediatric pulmonology at the Children's Hospital Los Angeles at the Keck School of Medicine of the University of Southern California. It was followed by a research stint at the Department of Paediatric Respiratory Diseases at the University of Leicester in the United Kingdom.

Dr. Swaminathan served as the coordinator, Neglected Tropical Diseases and later as the Director at National Institute for Research in Tuberculosis. From 2009 to 2011, she also served as Coordinator of the UNICEF/UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases in Geneva.

Dr. Swaminathan served as Secretary to the Government of India for Health Research and Director General of the Indian Council of Medical Research from 2015 to 2017. In that position, she focused on bringing science and evidence into health policymaking, building research capacity in Indian medical schools and forging south-south partnerships in health sciences.

Dr. Swaminathan served as Deputy Director-General of the WHO during 2017-2019. She is an elected Foreign Fellow of the US National Academy of Medicine and a Fellow of all three science academies in India. She has published more than 350 peer-reviewed publications and book chapters.

She has received several national and international awards including NIPER, ASTRAZENECA research endowment award in 2016, Tamil Nadu Science and Technology Award in 2012, Lifetime Achievement Award from Indian Association of Applied Microbiologists in 2011, and Kshanika Oration Award from ICMR in 2008.

# SCHOOL OF BIOLOGY

**FACULTY** 14

**STAFF** 10

**STUDENTS**

PhD	51
IPhD	24
BS-MS	175

**TEACHING COURSES**

Foundation Courses	5
Core Courses	13
Electives	14
Lab Courses	6

## RESEARCH THEMES

Infection & Immunity  
Cellular & Molecular Biology  
Biophysics & Biochemistry  
Ecology & Evolution  
Genetics & Development  
Neurobiology

## RESEARCH FUNDING

IISER	DuPont
DBT	Royal Society
DST	UKIERI
DAE	Wellcome Trust
CSIR	CEFIPRA
ICAR	MoE

## RESEARCH OUTPUT

PNAS	J. Comp. Phys.	Chronobiology International
Current Biology	J. Biochemistry	Animal Behavior
Sci Rep	J. Immunology	Developmental Biology
Plant Physiology	J. Expt Biology	Community Biology
Genetics	J. Expt Botany	PLoS Genetics
Cell Reports	J. Animal Ecology	Behavioral Ecology Sociology

## FACULTY AWARDS, FELLOWSHIPS AND RECOGNITIONS

INSPIRE Faculty Award	Mercator Fellow
Wellcome DBT Fellow	National Bioscience Award
Zoological Science Award	Fuji award

Editorial Board - Frontiers in Insect Science, Proceedings of Roy Soc B  
Editorial Board - Frontiers in Virology

## ACCOMPLISHMENTS AND PLACEMENTS OF PHD STUDENTS

EMBO short-term Fellowship	Ben-Gurion University of the Negev
Newton-Bhabha PhD Fellowship	UCSC California
ASCB-EMBO Travel Award	University of Georgia
Bat Conservation International Grant	University of Hamburg
Humboldt Fellowship	New York University School of Medicine
AWSAR-DST Award	National Institutes of Health
Prime Minister's Research Fellowship	Haifa University
KSCSTE Post-Doc Fellowship	Lund University

## ACCOMPLISHMENTS AND PLACEMENTS OF BS-MS STUDENTS

University of Kassel  
Max Planck Institute  
Stony Brook University  
University of Arizona  
Indiana University  
University of Helsinki  
University Cote D'Azur  
University of Graz  
Columbia University  
Indiana University  
Purdue University

Institut Curie  
Edinburgh University  
Max Perutz Labs  
University of Manchester  
Paris-Saclay Institute of Neuroscience  
TU Dortmund  
University of Illinois-UC  
KU Leuven  
WWU Muenster  
University of Rennes  
University of Bern

## INTERNATIONAL MEETINGS & WORKSHOPS

EMBO Practical cryoEM Course CEM3DIP  
Biology Across Kingdoms  
SoB Symposium and Department Day  
Workshop on Proteomics and Data Analysis

1<sup>st</sup> Frontier Symposium in Biology  
Genome Biology - 2020



# SCHOOL OF CHEMISTRY

<b>FACULTY</b>	21	<b>STUDENTS</b>	<b>RESEARCHERS</b>
<b>EMERITUS FACULTY</b>	2	PhD 116 IPhD 22 BS-MS 167	Inspire Faculty 1 Ramanujan Fellow 1 Research Associates 17

## FACULTY AWARDS AND RECOGNITIONS

Sastra-C.N.R. Rao Award, J. C. Bose Fellowship, Bronze Medal of CRSI, C. N. R., Rao Prize Lecture in Advanced Materials, A V Rama Rao Foundation Prize, Lectureship Award for Asian and Oceanian Photochemist, Associate Editor of Journal of Photochemistry and Photobiology A: Chemistry, Community Board, Member of Materials Chemistry Frontiers, RSC, 2020 RSC Advances-Outstanding Peer Reviewer, and The Journal of Physical Chemistry Virtual Special Issue "Young Scientists" 2019

## RESEARCH FUNDING

SERB, IMPRINT INDIA,  
DST Nano-mission, DBT,  
KSCSTE, DST-JSP,  
MoE-STARS, CSIR

## DETAILS ON NEW INSTRUMENTS PURCHASED/ FACILITIES CREATED

ESI-MS: Xevo G2 XS QTOF  
Flash Chromatography

## RESEARCH OUTPUT

Total number of Publications: 132

Angewandte Chemie International Edition, Journal of the American Chemical Society, Chemical Society Reviews, Accounts of Chemical Research, Chemical Communications, Chemistry-A European Journal, RSC Advances, Frontiers in Chemistry, ChemPlusChem, Chemistry Select, Chemistry An Asian Journal, Nanoscale, ACS Applied Nano Materials, ACS Applied Polymer Materials, Applied Materials Today ACS Energy Letters, Journal of Chemical Physics, ACS Nano, ACS Applied Biomaterials, Microchemical Journal, Journal of Molecular Biology, Biophysical Journal, ChemBioChem, ChemPhysChem, Energy Storage Materials, Journal of Catalysis, Catalysis Science & Technology, Inorganic Chemistry, Dalton Transactions, European Journal of Inorganic Chemistry, Crystal Growth and Design, Organic Letters, Journal of Organic Chemistry, Tetrahedron, Organic and Biomolecular Chemistry, Journal of Porphyrins and Phthalocyanines, European Journal of Organic Chemistry, Synthetic Communications, Journal of Physical Chemistry A,B & C, Journal of Physical Chemistry Letters, AIP Advances, Physical Review Research, Physical Chemistry Chemical Physics, Journal of Computational Chemistry, Physical Chemistry, and Chemical Physics

## ACCOMPLISHMENTS AND PLACEMENTS OF PHD STUDENTS

### Accomplishments

Prime Minister's Research Fellowship

Korean Research Fellowship

Best poster prize at the 4<sup>th</sup> International Symposium on Halogen Bonding

Best poster prize in 2<sup>nd</sup> International (virtual) Conference on "Crystal Engineering: From Molecule to Crystal"

### Placements

Faculty position at the Indian Institute of Science

Marie Skłodowska-Curie Fellowship, Uppsala University, Sweden

University of Edinburgh

University of Strathclyde

TIFR Hyderabad

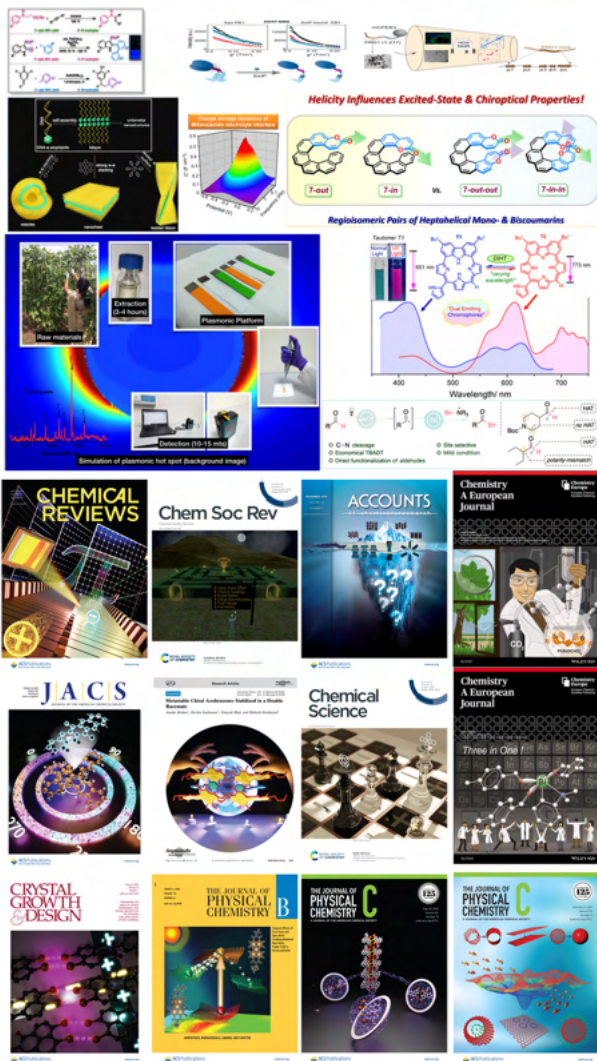
## ACCOMPLISHMENTS AND PLACEMENTS OF BS-MS STUDENTS

Karlsruhe Institute of Technology, Germany, Bowling Green State University, Rutgers University-Newark, University of York, University of Illinois at Urbana-Champaign, Institut de Science et d'ingenierie Supramoléculaires (ISIS), University of Strasbourg, TIFR Hyderabad, Julius Maximilians University of Würzburg, University of California Santa Barbara, Ohio State University, Princeton University, Southern Illinois University, Max Planck Institut for Kohlenforschung, Institute of Physical Chemistry of the Polish Academy of Sciences, Pennsylvania State University, Kyungpook National University, University of Graz – Institute for Chemistry, IIT Kanpur, University of Illinois, Chicago, Rice University, University of Minnesota, Australian National University, University of Pittsburgh, Waterford Institute of Technology, CNRS, University of Bordeaux, Max-Planck Goettingen, University of Frankfurt, University of Duesseldorf, Ohio State University, Virginia Polytechnic Institute and State University, University of Rochester, University of Buffalo (SUNY), University of North Carolina, Institut des Sciences Moléculaires de Marseille, and University of California

## INTERNATIONAL MEETINGS AND WORKSHOPS

IISER TVM RSC Symposium on Advances in Chemical Sciences, Frontier Symposium in Chemistry, The Salters' Chemistry Camp, International Symposium on Functional Supramolecular Chemistry, Ultrafast Sciences (UFS-2020), Early Career Strand, India Innovation Competency Enhancement Program (iiCEP), Light-Matter Interactions: Theory and Experiments at the Border with Biology, RSC-IISER Symposium Series with PCCP, International Conference on Ultrafast Spectroscopy, and Frontiers Symposium in Chemistry





# SCHOOL OF MATHEMATICS

**FACULTY** 16

**POST-DOC** 3

## **STUDENTS**

PhD 10

IPhD 28

BS-MS 70

## **TEACHING COURSES**

Foundation Courses 4

Core Courses 20

Electives 4

Lab Courses 2

## **STUDENT ACCOMPLISHMENTS**

DAAD WISE fellowship

Fellowship at Gottingen University, Germany

## **RESEARCH THEMES**

Geometry Algebra

Topology Number Theory

Analysis Applicable Mathematics

## **STUDENT RESEARCH PUBLICATIONS**

Appl. Math. Comput.

Bull. Sci. Math.

J. Dyn. Control Syst.

J. Math. Anal. Appl.

J. Differential Equations

J. Math. Fluid. Mech.

Adv. Dyn. Syst. Appl.

Proceedings Mathematical Sciences

Electronic J. Differential Equations

Indian J. Pure Appl. Math.

Complex Anal. Oper. Theory

Electronic J. Linear Algebra

Hardy Ramanujan J.

Linear Multilinear Algebra

J. Comp. Dyn.

Israel J. of Math.

J. Sci. Comput.

Spec. Matrices

Analysis

Potential Anal.

J. Math. Phys.

Nonlinear Stud.

## **ACCOMPLISHMENTS AND PLACEMENTS OF BS-MS STUDENTS**

University of Edinburgh

Binghamton University

University of Barcelona

University of Texas at Dallas

University of Florida

University of Lethbridge

Monash University Australia

University of Maryland

IIT Bombay

## **ACCOMPLISHMENTS AND PLACEMENTS OF PHD STUDENTS**

Haifa University and Technion, Israel

University of Notre-Dame

Universität Tübingen

Kyungpook National University, South Korea

IISER Pune

Indian Statistical Institute, New Delhi

## **FACULTY RESEARCH GRANTS**

SERB MATRICS

DST INSPIRE

NSM DST-MeTy

SRG SERB

IMPRINT, MHRD

## **WORKSHOPS AND MEETINGS**

Annual Symposium - August 2019

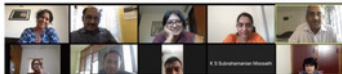
Department Day- November 2019

IWM program- December 2019

IWM follow up meeting - December 2020

Instructional School for Teachers - 2019

# SCHOOL OF MATHEMATICS



# SCHOOL OF PHYSICS

FACULTY	22	STUDENTS	TEACHING COURSES
STAFF	7	PhD 88	Foundation Courses 5
		IPhD 24	Core Courses 20
		BS-MS 177	Electives 12
			Lab Courses 7

## RESEARCH THEMES

Superconductivity, Strongly Correlated Systems, Quantum transport, Storage and sensing, Plasmonics, Non-linear Optics, LED and transistors, 2D Nanomaterials, Terahertz Spectroscopy, Nonlinear Dynamics, Quantum Information, String theory, Particle Physics, and Cosmology

## FACULTY AWARDS, FELLOWSHIPS NAD RECOGNITIONS

Editorial board member - Infomat (Wiley), DST, DST-ICPS, DST-ICPS (QuEST), STARS-MoE, SERB, Inspire Faculty Research Grant IISER TVM, DBT, DST, DAE, CSIR, ISRO, SERB, Royal Society (UK), Royal Academy of Engineering (UK), UKIERI, Newton Bhabha Fund, Indo-Polish Consortium, MoE STARS IEEE, and DST-JSPS.

## RESEARCH OUTPUT

J. Mater. Chem. C, ACS Appl. Nano Mater., ACS Appl. Energy Mater., ACS Appl. Electron. Mater., ACS Appl. Mater. Interfaces, J. Phys. Chem. C, J. Phys. Chem. Lett., J. Alloys Compd., RSC Adv., Phys. Rev. Res., Sci. Rep., Journ. Appl. Crystallogr., Crys. Res. Technol., Phys. Rev. Lett., Journal of High Energy Physics, Nanotechnology, Chem Comm, Appl. Surf. Sci, IEEE Trans. Electron Devices, Nanoscale, Phys. Rev. A, Phys. Rev. B, Phys. Rev. D, Phys. Rev. E, Phys. Rev. Materials, J. Appl. Phys., Inorg. Chem., Europhy. Lett., ACS Catal., Chem. Commun., J. Phys. Condens. Matter, Nonlinear Dynamics, Chaos, Chaos, Solitons and Fractals, Commun. Nonlinear Sci. Numer. Simulat., New J. Phys., J. Quantum Science & technology, IOP, Nanotechnology, IOP, J. Phys B, Rev. Sci. Instrum., Communications Physics, IEEE Photonic Technology Letters, Annalen der Physik, Nature Electronics, and Nature Communications

## ACCOMPLISHMENTS AND PLACEMENTS OF PHD/BS-MS STUDENTS

Best Graduate student Award, EMRS, Sep 2019, Best Poster award, JNC Conference on Chemistry of Materials, 2019, Educational seed funding award from the IEEE Magnetics Society, Best poster award, ICONSAT 2020, Kolkata, Best Oral presentation award, International Conference on Frontiers of Material Science, India, 2019, Best poster award, ICAM 2019, India, 2019, Best poster award, Nano India 2019, India, Best poster award, National Conference on Nanomaterials for Energy, Environment and Health Care, India, 2019, Best poster award at The International Winter School On Frontiers In Material Science 2020 (December 2020), Best poster award at Magnetism and Magnetic Materials 2020 (November 2020)

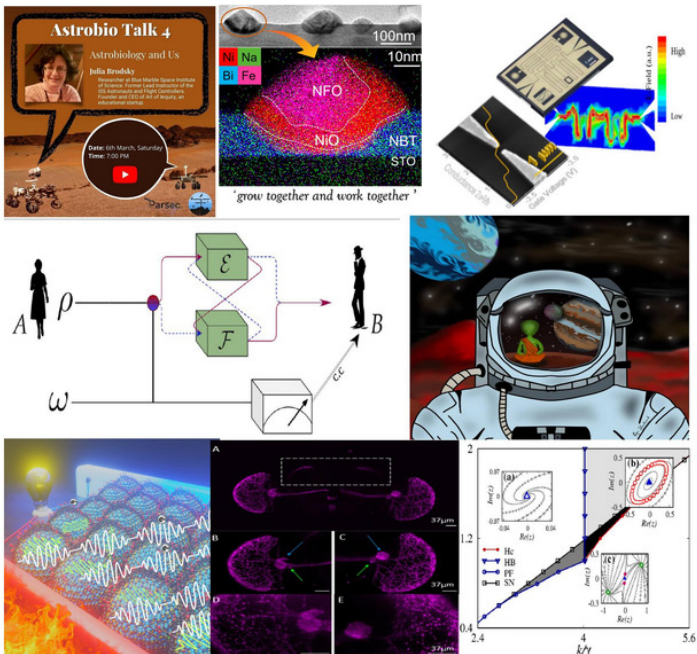
**Fellowships:** IEEE Magnetics Society, Inspire PhD Fellowship, PMRF Fellowships

## MEETINGS AND WORKSHOPS

Workshop on "2D Electronic Systems in Magnetic Field" at IISER Kolkata, 14-15 Dec, 2019, Industry-Academia Conclave on Hydrogen & Fuel Cells, Thin-Film Electronics and Advanced Materials, 24th August 2019, Surface Science and Probes 2019, and International Workshop on Advances in 2D Materials

## FACILITIES

Fully Automated Volumetric Gas Analyzer, QTH Measurement System, Keithley 4200 Parameter Analyzer, Multichannel Potentiostat, Planetary Ball Mill, Vector Network Analyser, Profilometer, Optical Microscope, Fluorimeter, UV-Visible Spectrophotometer FT-IR Spectrometer, Raman Spectrometer, AFM, DC RF Magnetron Sputtering System Thermal Evaporator, Pulsed Laser Deposition system, and Solid State NMR



# STUDENT ACCOLADES

## CERTIFICATES OF DISTINCTION

Certificates of distinction are awarded to the students having CGPA greater than or equal to 9.0.

### BATCH 2015

AISWARYA M P  
AMINA MOHAMED  
ANANYA S  
LAKSHMY PRIYA A  
MEERA MADHU  
VISHNU V  
G ASWIN  
A P SREEHARI  
ARCHA. A. NAIR  
GAAYATRI CHANDRASEKHARAN  
SREELEKSHMI PILLAI

CHEMICAL SCIENCES  
CHEMICAL SCIENCES  
CHEMICAL SCIENCES  
CHEMICAL SCIENCES  
CHEMICAL SCIENCES  
CHEMICAL SCIENCES  
MATHEMATICAL SCIENCES  
PHYSICAL SCIENCES  
PHYSICAL SCIENCES  
PHYSICAL SCIENCES  
PHYSICAL SCIENCES

### BATCH 2016

AKANKSHA BHAT  
ANNA ELIZABETH GEORGE  
ANUSHA D BHATT  
MUDIT BHATIA  
H SHARANYA  
BALU P RATHEESH  
DIVYA P S  
SREELEKSHMI V  
ARYA GAYATHRI M  
KALIN KRISHNA  
MEENAKSHI KRISHNAN  
MICHAEL THOMAS  
SREEHARI S  
ABHAYA SEETARAM HEGDE  
ANOOP A NAIR  
KESHAV SINGH  
IYER KISHORE NARAYANAN  
KRISHNANAND K NAIR  
MILIYA K M  
NAIPUNNYA RAJ  
RENUKA M  
SALINI R

BIOLOGICAL SCIENCES  
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PHYSICAL SCIENCES

# STUDENT ACCOLADES

## SCHOOL GOLD AND SILVER MEDALS

The School Gold and Silver Medals are awarded to the students with the best and second best academic performance among all the students of respective schools in the graduating batch.

### School of Biology



**Gold 2020**  
ANN MARY ISAAC  
IMS15031



**Silver 2020**  
SHASTRI AWANTI  
MILIND  
IMS15126



**Silver 2021**  
MUDIT BHATIA  
IMS16121

### School of Chemistry



**Silver 2020**  
ANANYA S  
IMS15026



**Gold 2021**  
BALU P RATHEESH  
IMS16061



**Silver 2021**  
DIVYA P S  
IMS16073

# STUDENT ACCOLADES

## Gold Medal by Prof. Vijaya Kumar Challa

Gold Medal by Prof. Vijaya Kumar Challa of the University of Connecticut to Chemistry (Major) outgoing student with highest CGPA



**2020**  
AISWARYA M P  
IMS15012



**2021**  
BALU P RATHEESH  
IMS16061

## School of Mathematics



**Gold 2020**  
G ASWIN  
IMS15060



**Silver 2020**  
KIRTHANA R  
IMS15077



**Silver 2020**  
MITHUN. P V  
IMS15090



**Gold 2021**  
SREEHARI S  
IMS16183



**Silver 2021**  
KALIN KRISHNA  
IMS16092



# STUDENT ACCOLADES

## School of Physics



**Gold 2020**  
GAAYATRI  
CHANDRASEKHARAN  
IMS15061



**Silver 2020**  
SREELEKSHMI PILLAI  
IMS15137



**Gold 2021**  
SALINI R  
IMS16167



**Silver 2021**  
MILIYA K M  
IMS16117

# STUDENT ACCOLADES

## DIRECTOR'S GOLD MEDAL FOR ACADEMIC EXCELLENCE

The Director's Gold Medal for academic excellence is awarded to the student with highest CGPA among all the students of the graduating batch of BS-MS.



**2020**  
AISWARYA M P  
IMS15012  
(9.57 out of 10)



**2021**  
AKANKSHA BHAT  
IMS16016  
(9.93 out of 10)

## INSTITUTE GOLD MEDAL

The Institute gold medal is awarded to a student having all-round excellence in academics in terms of CGPA, research publications, national or international awards or fellowships and commendable performance in extra-curricular activities in the graduating batch.



**2020**  
VISHNU V  
IMS15151



**2021**  
AKANKSHA BHAT  
IMS16016

# STUDENT ACCOLADES

## BEST UNDERGRADUATE RESEARCHER MEDAL

The Best Undergraduate Researcher Medal is awarded to a student having best record of research publications.



**2020**  
VISHNU V  
IMS15151



**2021**  
ALFY BENNY  
IMS16023

## THE INSTITUTE CULTURAL AWARD

The Institute Cultural Award is presented to a student with the best accomplishments in extracurricular activities such as sports, cultural, outreach, literature, etc. in the graduating batch.



**2020**  
SURYAKANTA TANTY  
IMS15142



**2021**  
SREYA N  
IMS16186



GRADUATES OF  
BATCH 2015

# GRADUATES OF BATCH 2015



A K  
Avinash



A P Sreehari



Abdu Subahan



Abdul Basith T



Adil Muhammed



Adithiya Dinesh



Adithya  
Jayakumar



Aiswarya M P



Aji Kurian



Adarsh Sudhakar



Ajmal S



Ajun E  
Muthu



Akash Kumar



Akhil Dev



Akshay S



Aleesha P A

# GRADUATES OF BATCH 2015



Anagha A G



Ananya S



Anish Ruban S



Anjali T C



Anjaly P J



Ann Mary Isaac



Anoop K



Aparna M Das



Anvy Kuriakose



Aparna  
Vasudevan K



Arathi Preeth Babu



Archa A Nair



Amanda  
Ben



Arya  
Krishnan



Ashwathi  
Prithviraj



Asif Mohammed  
A N



Amina  
Mohamed



Amrutha B  
Nair

# GRADUATES OF BATCH 2015



Aswathi Syam



Chandni Babu



Ciril S Prasad



C H Saraswathy



Dheeraj K P



Asna V



Dhruv



Disha Brahma



Divya R



Dumpala  
Tirumala Rao



Elgin Carlose



Faina Pinhero



G Aswin



Gaayatri  
Chandrashekharan



Govind S



Govind Behera

# GRADUATES OF BATCH 2015



Hridya N



J Haritha



Jemshiya K



Jesni N J



Jewel Johnson



Jithu Krishna



Joyal John  
Abraham



Jyothis Chandran



Hari Krishnan J



Lakshmy Priya A



M Akhilesh



M S Ahammed  
Hussain



Kirthana R



Krishnakumar



Krishnapriya A



# GRADUATES OF BATCH 2015



Manas Sharma



Mohammed Afsal



Muhammad  
Arshad T P



Muhammed Bilal



Muhammed  
Dilshah



Muhsin  
Vannan Chalil



Muthusamy R



Nafia V K



Nandita Mohandas



Nayana J M



Neha K



Nilima M



Nimisha B



Omkar Ekanath  
Pawar



P Chandana  
Deeksha



Mithun P V



Meera Madhu



Meghna Sasi

# GRADUATES OF BATCH 2015



Praseeda M S



Priyanka P Rajan



R Naveen  
Kumar



Raghav  
Chaturvedi



Sneha Santhosh



Rakhshana B K



Rohith V S



Roopesh M



S Kalyani



Saddal Kuljeet  
Baldev Singh



Sharath S



Sanath Raj K K



Sanjeev Nanda P



Soniya Ahammad



Shahana Nizar



Shahla Yasmin



Shastri Awanti  
Milind



Sheena Shaji



Siddhartha  
Yaddanapudi

# GRADUATES OF BATCH 2015



Sowmya S Geetha



Sreehari K



Sreelakshmi M



Sreelekshmi Pillai



Sreerag S Reghu



Sreerag S



Srepriya M S



Sulochana R



Suryakanta Tanty



Suvarna K



Swetha Ganesh



Syam Prasad S



Tarini S



Tharunya  
Thankachan



Vidya V Babu



Vinu Vijayakumar

# GRADUATES OF BATCH 2015



Vishnu V



Vishnulal C



Sowmiya B



Zayana Ali



Sravya  
Surendran



Dharmadhikari  
Ganesh Jayantrao



Amit Kumar



Arun Kumar



Kartike



Rajat Kumar  
Singh



Richa Singh



V V Bala Manikanta



GRADUATES OF  
BATCH 2016

# GRADUATES OF BATCH 2016



Benjamin David  
Tariang



A B Navaneeth



Abhay  
Kumar Arya



Abhaya  
Seetaram Hegde



Abhishek S  
Kumar



Abhishek Sahoo



Adarsh Jojo  
Thomas



Adithya S



Hatekar  
Aishwarya Raju



Ajay M K



Anuroop E P



Akanksha  
Bhat



Aksha G P



Akshai  
Krishnan T



Kaslod Akshay  
Irappa



Akshay Kannan  
Sairam

# GRADUATES OF BATCH 2016



Akshay Mohan K



Albert  
Mathew



Alfy  
Benny



Alok  
Kujur



Amal Reji



Amalu S



Aman  
Rastogi



Amith C  
S



Amitha A Jayan



Anagha  
Prabhan



Anagha  
Sivadas P



Anand P C



Ankit Kumar  
Pradhan



Ankit  
Raina



Ankur



Anju Maria Jose

# GRADUATES OF BATCH 2016



Anna Elizabeth  
George



Anoop A Nair



Anusha D Bhatt



Pradhan Anwesh



Aravind M Giri



Ardra K



Chythra P



Aromal Sajeev



Arya Gayathri M



Arya M V Kumar



Ashique Lal



Ashish Ranjan



Athira T M



Athul S B



Avinas N Shaji



Balu P Ratheesh



Arpan  
Chatterjee



Annapurve  
Abhinandan  
Babanrao



Arun Joshy



Arindam  
Biswas



# GRADUATES OF BATCH 2016



Bejoy Manoj



Govindarajan P



G Bethu Raj



Bharat Joshi



Charutha K



Temkar Chetan  
Duttatray



Girish M



Deepthi Ann  
Thomas



Deepu George



Devi Krishna M



Devila Prit



Divya P S



Gayathri M  
Kartha



Jonnalagadda  
Gowtham Nirmal



Greeshma Suresh



Govind Krishna

# GRADUATES OF BATCH 2016



Harikrishnan S V



Jyothirmayi U G



Hitha P R



Jishnu V



Jithin S



Joel G Reji



Kalin Krishna



Kavya K H



Kavyasree M



Keerthi Vijayan



Keshav Singh



Khaganshu R  
Khobragade



Mahadeviya Khalak  
Rajeshkumar



Iyer Kishore  
Narayanan



Krishna  
Nivedita G



Krishna Prasad

# GRADUATES OF BATCH 2016



Lakshmi Priya  
Sreelatha Pramod



Lithin M B



Maby Johns



Kesiya Sunny



Manu Prasad K



E Krishna  
Suresh



Meenakshi  
Krishnan



Krishnakavya  
T M



Michael Thomas



Midhun Krishna



Miliya K M



Minu S



Minu Saji



Mithun C  
Madhusudhanan



Mudit Bhatia



Muhammed  
Naseem K

# GRADUATES OF BATCH 2016



Neethu B



Neha Kachappilly



Mukta Janpandit



Naipunya Raj



Nidhin R H



Nihal M



Nikhil U S



Nilesh Suryavanshi



S Numash Rajan



Nandakishor K



Naveen Vardhan



P Kiran Reddy



Pallavi P



Parvathy  
Anupkumar



Parvathy Gireesan



Patoju Sai Dilip

# GRADUATES OF BATCH 2016



Phulung  
Basumatary



Poovannan R



Pranav Kumar



Radhika Krishna H



Ravi Prakash  
Pankaj



Krishnanand  
Nair



Renuka M



Reshma Ramesh



Reshma Sanal



Rithwik P Nambiar



Tina Jacob



Sanchit Shrivastava



Rohin H



Vaisakh M



S Jayakrishnan



Sabuj Mondal



Sai Chaitanya  
Susarla



Yashas R

# GRADUATES OF BATCH 2016



Salini R



Sandra  
Maria George



Sanjay Sunny



Santra Santhosh



Sarath Jose



Satyam Sahu



More Saurabh  
Bharat



Sebastian Francis



H Sharanya



Shilpa P Raj



Mehta Shrey  
Chandresh



Vivek G Pillai



Snehal Neware



Sreehari S



Sreelekshmi V



Vivek Cherian  
David



Sreya N



N Srikrishna



Sanke Sujan  
Kumar



Sumit Kumar

# GRADUATES OF BATCH 2016



Swarali Patil



Swathy Vijayan



T N Arjun Raj



Tabassum Sood



Anjana R



Maitreyee Moon



Pavithra M



Rajeswari M C



Vaisakh M



# PHD & IPHD

GRADUATES



# PHD GRADUATES



Ajith V P



Anjana P K



Arjun U



Asha P



Ashby Philip John



Atmaram Tiwari



Binshad B



Dhanya  
Radhakrishnan



Eswar Reddy Maddi



Hema K



Hemna Fathima



Jobha A Johnson



Kavya D



Krishna Nand Prajapati



Lakshmi K P



Manju P



Mayekar Harshad  
Vijay



Mer Vatsalkumar  
Nandkishor



M N Ramesh  
Bondada



Neeraj Kumar  
Rajak

# PHD GRADUATES



Neethu Anand



Nithiyandan K



Prabhu M



Prahalad Kanti  
Barman



Prashanta Kumar  
Mukharjee



Raju



Ramkumar K



Ranjith P



Reshma  
Raveendran



Selvakumar B



Siriki Atchimnaidu



Soumitra Hazra



Sreeja V Nair



Sreesha R  
Sudhakar



Subramanya  
Hegde



Sumanta Bannerjee



Tania Biswas



Varun Srivastava



Vivek Philip Cyriac



Akash Ashirbad  
Panda



Ammu Elizabeth  
Antony



Gopal M



Owais C H



Saurav Samantaray



Soham Bhattacharya



Vignesh A

# GRADUATION OATH

*"I solemnly swear that as a graduate of the Indian Institute of Science Education and Research Thiruvananthapuram, I will use my knowledge, experience and skills for the advancement of knowledge and the well-being of my country and the planet. Honesty and Integrity shall guide my actions in a manner that makes my alma mater proud. I will take responsibility for my conduct while respecting the rights and dignity of all. I will honor all who have shared knowledge with me and in turn I will share my knowledge with others."*

# CONVOCATION COMMITTEE

---

## **Chairperson**

Prof. Ramesh Chandra Nath  
Professor, SoP

## **Convener**

Shri. Manoj Kumar S.  
Assistant Registrar (Academics)

## **Members**

Dr Satish Khurana  
Assistant Professor Grade-1, SoB

Smt. Divya V. J.  
Technical Officer, Academics

Dr Poonam Thakur  
Assistant Professor Grade-1, SoB

Shri. Satya Srinivas  
Naraharisetti  
Assistant Registrar

Dr Basudev Sahoo  
Assistant Professor Grade-1, SoC

Shri. Rajesh A. P.  
MSA (Services)

Dr R. S. Swathi  
Associate Professor, SoC

Shri. Vijesh K.  
Sr. Technical Assistant

Dr Dhanya Rajendran  
Assistant Professor Grade-1, SoM

Dr P. Devaraj  
Associate Professor, SoM

Dr Tanumoy Mandal  
Assistant Professor Grade-1, SoP

Dr Tuhin S. Maity  
Assistant Professor Grade-1, SOP

# ACKNOWLEDGEMENTS

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## STUDENT VOLUNTEERS

Gegari M. Thomas - B17  
SAC General Secretary

### Anchors

Fabi Rasheed - B17  
Rasajna M. - B17  
Subrabalan M. - B17

### Choir

Abhinava Bhattacharjee - IPhD 19  
Gifty Alin Jacob - B17  
Hrudya P. P. - B18  
Ganga A. - B18  
Gayathri S. Kumar - B20  
Parul Jain - IPhD 20  
S. Soundarya - IPhD 20

### Booklet Design

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