



ABOUT PROGRAM



Various schemes have been initiated by the Department of Science & Technology, Government of India, under its innovative scheme - Innovation in Science Pursuit for Inspired Research (INSPIRE). One such innovative initiative is "Scheme for Early Attraction of Talent for Science (SEATS)" an INSPIRE internship Program which provides excellent opportunity to top 1% performers in class X board to learn and pursue a career in Science by interacting with eminent Scientists from all over India. The Science camp will have lectures from Eminent Scientist/Academy Fellows/ Bhatnagar Laureates along with practical hand-on-session in Physics, Chemistry, Maths and Biology. The Science camp will also host range of exciting activities like Science Quiz, Science Stage show, write up-competition, Industrial visit and Science tour and the students can experience the joy of innovations in true sense. Hence, the Science camp aims to attract and retain young talents to the study of science at an early age and communicate to the youth the excitements of creative pursuit of science, promoting research and innovation in Science & Technology. Indrashil University will organize this exciting 5 day event from 3rd to 7th Jan 2020 as part of their initiative to promote awareness of Science in North Gujarat Schools. Indrashil University (IU) is an educational initiative of Cadila Pharmaceuticals Ltd established by an Act of State Legislature of Gujarat as a State Private University under Gujarat University Act, 2009. Indrashil University is a first of its kind University in the state of Gujarat working closely in association with Pharmaceutical Industry with focus on academic and professional development. It is being developed with a clear vision to provide the best quality of education in the field of Life Sciences and its allied sectors and to be a World Class Research University.



INSTRUCTIONS FOR PARTICIPANTS



- There is no registration fee. The camp will be for 5 days and is free of cost.
- Free lodging and boarding will be provided to the students in college hostel. Accommodation will be provided on a shared basis only.
- Breakfast, lunch, dinner, tea and snacks will be provided during the 5 days program. No fees will be collected from students.
- Students must bring their clothes, water bottle, bed sheets and other personal requirements. Students are responsible for their personal belonging and University will not be liable in case of lost/damage.
- Students are invited to participate in write up competition on various topics. The winners shall be given attractive prizes on the Valedictory function of the program.

- All the participants will receive Participation Certificates on the Valedictory function of the program.
- Students can bring their cell phones and cameras (at their own risk) and can use as per requirement only on permission.
- There will be a help desk which will be active for 24 × 7 in the hostel during the program. Participants may contact the help desk for any requirements including medical facilities.
- All students are required to bring their 3 colored passport size photograph and photocopy of 10thclass mark sheet.



TOPICS FOR WRITE-UP COMPETITION



- Second Green Revolution
- Renewable and Non-renewable Energy
- Clean Energy
- Natural Resources Utilization for Sustainability
- Make in India
- Swachh Bharat and Ganga Rejuvenation
- Energy Conservation Efficiency and Sustainability
- Harnessing Modern Technology for Second Green Revolution
- Solid and Liquid Waste Management
- Recycling and Processing of Waste to Conserve Resources
- Any other issue of national importance



BOARDING & LODGING



- All the selected students will be provided free lodging and boarding..
- The expenses for local transport can also be reimbursed.
- Indrashil University has well-furnished hostel and the room will be provided on sharing basis.



HOW TO APPLY?



Interested eligible students should fill up the application form and available on website. The completed application should be accompanied by one passport size photo and an attested copy of the Class X mark sheet as verified by the respective Principal/Head of the Institute. The Principal or Head of the Institute shall verify, endorse the student application form and send all applications to the Coordinator on or before **16th December 2019** via email to Inspirecamp.iu@gmail.com The selected students will be intimated on **19th December 2019**.



ELIGIBILITY



- Students of Class XI who have secured more than 86.4% in Gujarat State Board or 95% in ICSE or A1 grade in CBSE in the 10th Board exam are eligible to participate.
- The student should have not attended a similar internship camp elsewhere earlier.



IMPORTANT DATES



Last date for application	16th December 2019	
Intimation of Selected candidates	19th December 2019	
Camp dates	3rd to 7th Jan 2020	



ORGANIZATION OF THE CAMP



The INSPIRE Internship program will be a 5 day residential camp in which nearly 150 students will be invited. The camp will mainly consist of 10-11 lectures by eminent Scientists from premier Institutes of India followed by practical session, exciting science activities and interaction with mentors. In general, the morning session will have two motivational lectures by Distinguished Mentors, post lunch session will be dedicated for hands on practical experience in the field of Physics Chemistry, Mathematics and Biology and evening session will include motivational extracurricular activities followed by pre dinner interaction with Mentors. There

will be atleast one lecture in the field of Mathematics, Biology, Earth Sciences, Physics and Chemistry. For hand-on-experience the students will be divided in four groups having 35 students per group. These students will conduct practical sessions on rotational basis in Physics/Chemistry/ Biology/Maths Lab respectively. The evening session will be dedicated to fun-filled interesting Science activities and students will get ample of time to interact with mentors in between the sessions.



LIST OF MENTORS



 <p>Prof. Mohan Rao Former Director, CCMB, Hyderabad- Biological Sciences</p>	 <p>Prof. RN Singh Former Director National Environmental Engineering Research Institute (NEERI), Nagpur</p>	 <p>Prof. Srubabati Goswami Academy Fellow, Physical Research Laboratory (PRL) Ahmedabad- Physics</p>	 <p>Prof. PK Jha Eminent Scientist- MSU Baroda- Physics</p>	 <p>Prof. VD Sharma Eminent Scientist, Formerly Professor of IIT Bombay, Currently Visiting Professor IIT Gandhinagar- Mathematics</p>
 <p>Prof. Kankan Bhattacharyya Former Director, IACS (Indian Association for Cultivation Sciences) Kolkata</p>	 <p>Prof. Hosur RV (Padma Shri, Academy Fellow)- Tata Institute of Fundamental Research (TIFR) Mumbai.- Chemistry</p>	 <p>Prof. Harish Padh Academy Fellow, Vice Chancellor SP University Vallabh Vidyanagar- Biology</p>	 <p>Prof. Rajesh Gokhale Former Director IGIB, Currently Professor NII (National Institute of Immunology) – Biology</p>	 <p>Prof. D Basavaiah Academy Fellow, JC Bose National Fellow, University of Hyderabad- Chemistry</p>



SCHEDULE OF PROGRAMME



The program will start with a inauguration ceremony which will be attended by the Provost and University important officers. In general, the morning session will have two motivational lectures by Distinguished Mentors, post lunch session will be dedicated for hands on practical experience in the field of Physics, Chemistry, Mathematics and Biology, and evening session will include motivational extracurricular activities followed by pre-dinner interaction with Mentors. There will be atleast one lecture in the field of Mathematics, Biology, Earth Sciences, Physics and chemistry. For hand-on-experience, the students will be divided in four groups having 35 students per group. These students will conduct practical sessions on rotational basis in Physics/Chemistry/Biology/Mathematics Laboratories, respectively. The evening session will be dedicated to fun-filled interesting Science activities and students will get ample of time to interact with mentors in Post-dinner session.

Session	Activity Hrs	Jan 2, 2020	Jan 3, 2020	Jan 4, 2020	Jan 5, 2020	Jan 6, 2020	Jan 7, 2020
	7-00 a.m. to 8-00 a.m.		Yoga/Meditation Session				
	8-00 a.m. to 9-00 a.m.		BREAKFAST AND TEA				
	9-15 a.m. to 10-00 a.m.		Inauguration	Introduction to Mentors			
LECTURE SESSION I	9-30 a.m. to 11-00 a.m.		LECTURE SESSION I	LECTURE SESSION II	LECTURE SESSION III	LECTURE SESSION IV	LECTURE SESSION V
	11-00 a.m. to 11-30 a.m.		TEA BREAK/Interaction with Mentors				
LECTURE SESSION II	11-30 a.m. to 01-00 p.m.		LECTURE SESSION VI	LECTURE SESSION VII	LECTURE SESSION VIII	LECTURE SESSION IX	LECTURE SESSION X
	1-00 p.m. to 2-00 p.m.		LUNCH BREAK/Interaction with Mentors				
PRACTICAL SESSION III	2-00 p.m. to 5-00 p.m.	Arrival of Students	A-Parallel session (Phy)	B-Parallel session (Phy)	C-Parallel session (Phy)	D-Parallel session (Phy)	Feedback from students
			B-Parallel session (Chem)	C-Parallel session (Chem)	D-Parallel session (Chem)	A-Parallel session (Chem)	
			C-Parallel session	D-Parallel session	A-Parallel session	B-Parallel session	Valedictory function

			(Maths) D-Parallel session (Biology)	(Maths) A-Parallel session (Biology)	(Maths) B-Parallel session (Biology)	(Maths) C-Parallel session (Biology)	and prize distribution	
	5-00 p.m. to 5-15 p.m.		TEA BREAK/Interaction with Mentors					
SESSION IV	5-15 p.m. to 7-15 pm.	Registration & Briefing	Science Stage show	Write up competition and screening of motivational scientific documentaries	Industrial Visit to Cadila Pharmaceutical, Dholka	INSPIRE Quiz and documentaries Chandrayaan-2 and MOM	Departure of students	
	7.15-8:00	Pre-dinner Interaction with Mentors/Panel Discussions						
	8-00 p.m. to 9-00 p.m.	DINNER						



ORGANIZING COMMITTEE



Coordinator/Camp Director

- ❖ Prof. JS Yadav (Provost/Research Director, Indrashil University)

Convener

- ❖ Prof. Bharti Dave (Dean, School of Science, Indrashil University)

Program Coordinator

- ❖ Dr. Nidhi Gour (Assistant Professor, School of Science, Indrashil University)

Advisory Committee

- ❖ Dr. Vijai Singh (Associate Professor, School of Science, Indrashil University)
- ❖ Dr. Rajesh Bhosale (Associate Professor, School of Science, Indrashil University)
- ❖ Dr. Krishna Avvaru (Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Kiran Patruni (Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Ritu Choudhary (Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Harengiri Gosai (Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Gyanchander (Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Prakash Reddy (Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Rupesh Maurya (Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Sanjay Karn (Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Purvi Bhatt (Assistant Professor, School of Science, Indrashil University)

- ❖ Dr. Hiral Trivedi(Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Poulomi Sengupta(Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Sukant Kishore Das(Assistant Professor, School of Science, Indrashil University)
- ❖ Dr. Ramesh Prajapati(Assistant Professor, School of Engineering, Indrashil University)

Administrative Team

- ❖ Mr. Rakesh Patel (**Transport**)
- ❖ Mr. Samir Jani (**Hospitality and Catering**)
- ❖ Amit Vyas (**Account and Finance**)
- ❖ Mr. Jayesh Rajput (**Any other Queries**)



Organizing Institute

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Rajpur, Taluka : Kadi, Dist : Mehsana,
Gujarat, India. Pincode-382740
+02764-278814;

For general queries related to program, you may drop mail to following
inspirecamp.iu@gmail.com

For specific/urgent queries contact

- ❖ Prof. Bharti Dave (Convener) bharti.dave@indrashiluniversity.edu.in
- ❖ Dr. Nidhi Gour (Program Coordinator) nidhi.gour@indrashiluniversity.edu.in

Contact Phone number for Parents/Wards

1. Prof. Bharti Dave-9879056559
 2. Dr. Nidhi Gour-9909700831
 3. Dr. Harengiri Gosai- 9998171339
 3. Mr. Jayesh Rajput-9538888804
 4. Mr. Samir Jani-9913255855
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