

JISU NEWSLETTER

Special Edition April, 2020

COVID - 19

UNLOCKED POTENTIAL IN LOCKDOWN WORLD



JIS University

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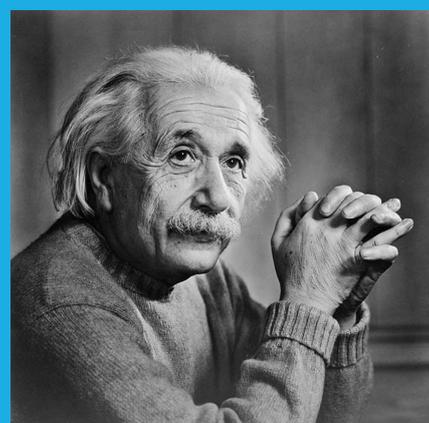
JIS UNIVERSITY

JIS Group Educational Initiatives - the largest educational conglomerate of Eastern India with 26 Institutions, 126 programmes and 35,000 students began its journey 18 years back. JIS University was established through the Legislative Act of the Government of West Bengal, viz. JIS University Act, 2014 (West Bengal Act XXII of 2014) that came into force in February, 2015.

INSPIRING QUOTES

“There are only two ways to live your life. One is as though nothing is a miracle. The other is as though everything is a miracle”

- Albert Einstein



“Faith is to believe what you do not see; the reward of faith is to see what you believe”

- Saint Augustine

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From the Desk of Chancellor

The world currently is in the throes of a crisis situation, the magnitude of which cannot be explained by any adjective. In such times on one hand we need education, awareness, and empathy for one and all as well as adapting a better crisis management to help us control the situation and prevent the spread of panic as well as misinformation. JIS University took all these measures and practiced academic excellence by all means both in spreading awareness about the pandemic as well as creating an emotional connect with all the students, faculties, guardians and the entire society at large. With such lofty views the JIS University newsletter COVID 19 special edition has been floated. Wishing good luck to all for the special edition Newsletter on COVID 19.



**Sardar Taranjit Singh
Chancellor**

From the Desk of Vice Chancellor



I feel very happy to see that our Editorial Board of the Newsletter is publishing the e-newsletter giving an account of the activities of the University during the lockdown period from March 17, 2020 to May 14, 2020. Although COVID-19 forced us to stay at home but our academic activities were not locked down. Rather they have been going on in full swing. All the theory classes and some lab classes were held as usual using online portals. Apart from that a large numbers of activities like webinars, faculty development programmes, industry talks, students' seminars, SkillX examinations, parent teacher meetings, cultural programmes etc. could be held at regular intervals.

The electronic newsletters, commonly called e-newsletters, were an emerging form of communication in the 1980s in some parts of the world. Now they have become widespread throughout the world. The e-newsletters are an efficient and inexpensive way to communicate. It is hoped that the news content in this newsletter will be useful not only to the faculty, staff and students of the University but also to others. I congratulate the Editorial Board.

**Prof. B. C. Mal
Vice Chancellor**

From the Desk of Pro Vice Chancellor

Our University during this lockdown period enters a decisive moment in its history to grow in new directions with greater vitality, which is largely reflected in this Newsletter. The years ahead will witness several positive steps in teaching that will develop the strength and stature of the University significantly. Expanding the overall size our quality faculty is ready to enhance the graduate and postgraduate teaching in a remarkable way to a very top position. This will look like a new University with a new ways of teaching. Implementation of the choice based credit system (CBCS) and non-CGPA credit courses following UGC guideline along with the AICTE, PCI, BCI and other regulatory bodies will define the University for the coming decade.



Prof. A. B. Bhattacharya
Pro Vice Chancellor, JIS University

From the Desk of Director



The special edition of the newsletter drives you to a new world of digital activities in this cutting edge of technology. It will show you some remarkable glimpses which itself is a milestone for the University. Students and teachers are putting their joint effort to make the new technology acceptable and ease to them. I am very happy to be a part of it.

Dr. T.K.Saha
Controller and Director of Corporate Affairs, JIS University

From the Desk of Chief Editor & DEAN



COVID-19 was primarily documented late last year in December, 2019 as a cluster of pneumonia cases caused by a new Coronavirus. Doctors have since learnt that it's a respiratory disease, one that especially reaches into our respiratory tract, which comprises our lungs. COVID-19 can cause breathing problems ranging from mild to life-threatening condition. Elderly persons and people with other health problems like cancer, heart disease and diabetes may have more serious symptoms. SARS-CoV-2, the virus that causes COVID-19, is part of the coronavirus (RNA virus) family. Due to this pandemic COVID-19 disease everything around us has been shattered and the world is locked down. I feel highly contented that the JISU Special Edition of e-Newsletter for the Lockdown Period during is going to be published by the Editorial Board. It is the cluster of all exertions and accomplishments on digital platforms by all Departments of JISU. It displays that Life has continued for us even after the lockdown. Our faculties apart from conduction of Digital classes through different digital platforms, also performed numerous numbers of Webinars, Digital Cultural programmes, Parent Faculty Meet (PFM), Alumni Interaction etc. A very innovative and educative Faculty development Programme (FDP) was also conducted by the faculty of our university during this prolonged lockdown period. Even our Research and Development (R&D) programmes did not lag behind during this shattered pandemic situation.

So we proudly focused on the theme "*Unlocked Potentials of JISU during lockdown by COVID-19*" through our e-Newsletter.

Dr. T.K.Chatterjee
Dean, JIS University

UNIVERSITY

From the Desk of Joint Editors



Greetings from JIS University Newsletter!

There is something unique with ‘CRISIS’. It tests us of our mettle. It leaves us with uncertainty, fear of unknown and a sense of vulnerability. It also gives us the power to choose. To choose triumphant over all the anxiety it brings in along with and help in finding newer opportunities of brighter horizon for a better tomorrow. COVID 19 is one such once in a century situation. With the global pandemic taking a toll on lives and livelihood worldwide, India, West Bengal wasn’t spared of it too.

The sudden lockdown left all of us in a state of shock, denial and disruption our usual day to day lives all at once. With death tolls rising alarmingly, safety measures become priority hence the decision of campus closure was but a natural decision.

With a visionary leadership onboard, JIS Group and JIS University was quick to respond to the situation progressively with a long-term sustainable solution plan. On one hand the shutdown witnessed an abrupt closing of all regular classes and on the other hand it shifted the academic world to a virtual platform. Rising above the CRISIS is the only option to deal with the new situation and we did the same. Shifting the new normal of VUCA world as the natural transition. Our students, faculties and the entire JIS University team adopted and delivered tirelessly, striving towards perfection.

And as we quote from Tagore ‘Where the Mind is without fear, and the head is held high, Where Knowledge is free..... Where the clear stream of reason has not lost its way into the dreary desert sand of dead habit.....’, We chose to Rise up, We chose to stand by our Nation building Motto, We chose to combat the CRISIS together.

Dr. Saikat Maity, Joint Editor, Professor & HOD, CSE Department
Dr. Moumita Poddar, Joint Editor, Professor & HOD, Management Department

Online Platforms opted During Lockdown

“The Measure of Intelligence is the Ability to Change”

There is opportunity in every situation. During the lockdown period from 18th March 2020 to 18th May 2020, we at JIS University is feel proud to have used 12 different platforms to engage the beloved students in the teaching learning process. All possible mediums were used to make the students adaptive. Starting from White board of My Perfectice, ZOOM, Cisco Webex, GMeet, Google Group, Jistimeet, Class Marke, Skype, Whatapp, Google Hangout, and last but not the least gmail and camscanner for assignment distribution and digital notes distribution were used. All efforts were made to ensure that the students get quality education and enriching learning during this critical situation.



12 Online Platforms

Online Classes

Learning never stops

We at JIS University with a pledge to provide continuous learning support to our dear students took up online teaching from day one of the lockdown period. With more than 4556 of classes, our dedicated bunch of faculty and staff worked relentlessly to give unhindered continuous quality education to the students.

4556 ONLINE CLASSES

Virtual Online Platforms for Lab

Education is incomplete without hands-on learning

Apart from the theory classes, our faculty and students involved themselves in conducting virtual laboratories and the enthusiasm of the students was very high in doing so as well. We at JIS University used the virtual labs of IIT Kharagpur to equip the students with rich theoretical base along with a deep practical knowledge. We also used different platforms as suggested by AICTE and UGC for different courses of the University. They include different science courses such as Physics, Chemistry, Biotechnology, Geology, Microbiology, and Remote Sensing, The other courses are Education, Pharmaceutical Sciences, Management and Engineering Courses both at undergraduate and post graduate levels.

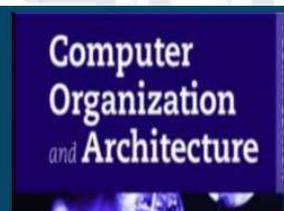
12 VIRTUAL LABS



Advanced Network Technologies

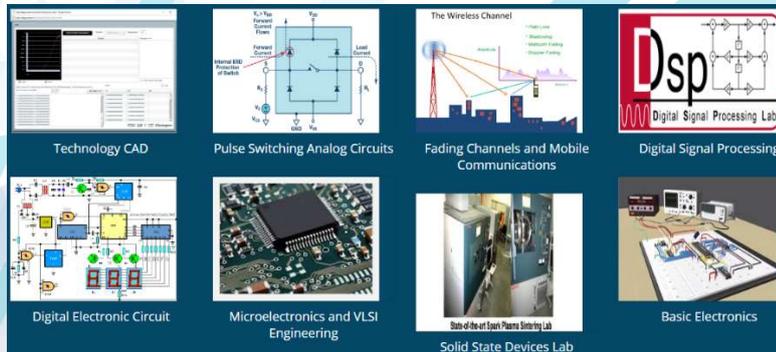


Software Engineering



Computer Organisation and Architecture

Virtual Online Platforms for Lab



YouTube Upload of Teaching Materials

Education anytime anywhere

JIS University is striving continuously in providing complete learning solution to each and every student located all over India and abroad. The dedicated faculty of the University have been continuously reinventing themselves. In order to make education available to all the students residing in urban, semi urban and rural areas, they uploaded their valuable lectures in Youtube. Using YouTube Videos to teach any class as a supplementary material not only provides learners with good understanding and knowledge of their lectures but also makes the learning process more fun and meaningful.

39 YouTube Lectures

Online Parents Faculty Meet (PFM)

Creating Value for All

Parents are our major stake holders. We at JIS University during this crisis period regularly arranged PFM at different times to get in touch with them and make them aware about the online classes as well as to receive their feedback on the same. We received overwhelming response from all the parents, their good wishes and support continuously. Our Hon'ble vice Chancellor, Pro-VC, Director and Dean along with all fulltime and part-time faculty always actively participated in these meetings as well and interacted with the parents

Online Parents Faculty Meet (PFM)



29 Online PPM

Online Parents Faculty Meet (PFM)



FDP Attended by Faculty Members

Learning Curve is Essential for Growth

The faculty members of the University along with their tireless effort of providing quality education to the students also engaged themselves in self-development by attending various faculty development programs. JIS University is proud to have the best of faculty members who in spite of the adverse situation never failed to upgrade themselves. The faculty members are constantly up skilling themselves and enhancing their self-learning abilities using different sources like NPTEL, AICTE, FICCI, IIT etc in the fields of Sciences, Management, Engineering, Education and Pharmaceutical Sciences.

30 Online FDP

Online International Webinars

The Internet is becoming the Town Square of the Global Village of Tomorrow- Bill Gates

The current lockdown situation opened the unique and only door through web **connectivity**. JIS University is blessed to have International renowned speakers ranging from Academicians. Researchers to reputed Doctors from across the Globe and from reputed organisations like Harvard and other renowned Universities who shared their valuable insight to this pandemic condition with the students and faculties of JIS University.

Going beyond academic, JIS University also organised versatile webinars on different upcoming career choices like film making and editing with international CIOs and CXOs with the students.



IBM Security Community

[Global Data Science Forum](#)

[Post New Message](#)

[Global Security Forum](#)

[Post New Message](#)

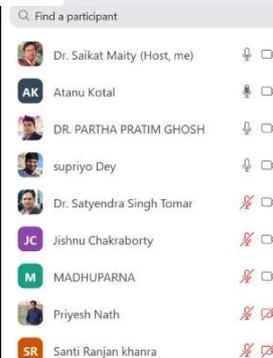
IBM Security Community

[Global Security Forum](#)

[Post New Message](#)

[Cloud Pak for Data](#)

[Post New Message](#)



8 Online International Webinars

Industry Collaborative Webinars

An Investment in Knowledge pays the best Interest

The on-going lockdown situation was sudden and abrupt. But the Faculties and Staff of JIS University adapted themselves to this changing situation fast and from the first week itself different departments started a number collaborative Webinars with the industry. The Industry too was kind enough to extend their hands to JIS University and jointly both the University and Industry shared the ideas of coping up with the current situation. HRSAMPARK was the first to extend its cooperation followed by BCCI Kolkata, FICCI, CII as industry forums who came forward and organised webinars on myriad topics for the students and faculties of Management, Pharmaceutical Sciences, Sciences and Engineering disciplines. Lawyers, judges and Members of Quasi-judicial Forum collaborated with Law Department in Law Webinars. Speakers were from reputed companies like Dabur India, Star Cements, My Cool Guru, Shalimar, DWD Pharmaceuticals, DVC, Exeltis to name few.



Join Webinar :
 DATE: 30th April, 2020
 TIME: 4 pm to 5 pm



@ ZOOM
 Topic :
 "Ground Water Scenario in Kolkata and Adjoining Areas"



SPEAKER:
 Prof. Dr. S.K Nag
 Professor, Geological Sciences, Jadavpur University

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 +91 8697743361 | 62

Join Webinar :
 DATE: 1st May, 2020
 TIME: 5 pm to 6 pm



Organised by Department of Earth Sciences

@ ZOOM
 Topic :
 "Human Interaction with Nature – What the Corona Virus Episode Tells Us"



SPEAKER:
 Dr. Partha Sarathy Ray
 Scientist, WHO and IISER, Kolkata

jisuniversity.ac.in
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10 Industry Collaborative Webinars

Institutional Collaborative Webinars

'Alone We Can Do So Little; Together We Can Do So Much'

If an Institution has to strive towards excellence, it needs collaboration at different levels. JIS University pledges to attain this through collaborative webinars with different Institutes. The University reached out to the students of different universities with an intention to learn and grow together. Professors of our University along with Professors from other Universities jointly organised Webinar of students and faculties of both the universities for a better exchange of Ideas and dissemination of knowledge. JISU collaborated with IIT Roorkee, Harvard University, University of Science & Technology Meghalaya, Ram Mohan College to name a few.

International Webinar @ ZOOM
"Computer-Planned Synthesis: Development of Oligosaccharides Based Commercial Drugs and Vaccine Candidates"
By
Eminent Researcher
DR. SUPRIYA DEY
Department of Chemistry and Chemical Biology,
Harvard University, Cambridge, USA
Department of Chemistry
JIS UNIVERSITY | 08.05.2020 | 7:00PM
jisuniversity.ac.in | +918697743361 | 62

WEBINAR SERIES 2020
organized by
JIS Institute of Advanced Studies
& Research Kolkata, JIS University
Survival of intracellular protozoan pathogens against host immune response
Speaker: Dr. Budhaditya Mukherjee
School of Medical Science and Technology, IIT Kharagpur
May 08, 2020, Friday, 6 PM IST
Participation ONLY by registration
Address: Arch Waterfront (17th floor) GP Block, Sector V, Salt Lake, Kolkata 700 091, web: www.jisuniversity.org

Join Webinar :
DATE: 9th May, 2020
TIME: 2 pm to 3 pm
Organised by Dept. of Pharmaceutical Science
@ ZOOM
Topic :
"Animal Ethics and Role of CPCSEA"
SPEAKER:
Dr. Anjan Adhikary
Professor & Head, Department of Pharmacology,
Coochbehar Government Medical College
jisuniversity.ac.in || +91 8697743361 | 62
+ 91 9073322509

Join Webinar :
DATE: 9th May, 2020
TIME: 9 am to 10 am
Organised by Dept. of Pharmaceutical Science
@ ZOOM
Topic :
"Introduction to Pharmacometrics: An Integral Part of Drug Development and Clinical Practice"
SPEAKER:
Dr. Jaydeep Sinha
Post Doctoral Research Associate, Division of Pharmacotherapy and Experimental Medicines, UNC Eshelkman School of Pharmacy, Chapel Hill, NC, USA
jisuniversity.ac.in || +91 8697743361 | 62
+91 9073322509

22 Institute Collaborative Webinars

Institutional Collaborative Webinars

Join Webinar :

DATE: 14th May 2020
TIME : 10 :30 am



INTERNATIONAL WEBINAR
Organized by Dept. of Pharmaceutical Technology
@ Googlemeet

TOPIC :
"Introduction to Health Economics and Outcome Research"

SPEAKER :
Dr. Sandipan Bhattacharjee
Assistant Professor
University of Arizona College of Pharmacy, USA

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"INSPIRUS" Webinar Series

Organized By ,
J.C. Bose Bioscience Club
Department of Biotechnology
JIS University



Antimicrobial Resistance (AMR) as a global threat. Unique strategies taken by Hazra lab to combat

By
Dr. Saugata Hazra
Assistant Professor
Department of Biotechnology,
Indian Institute of Technology Roorkee

Date, 13.05.2020
Time, 5.30 PM – 6.30 PM

For Registration- <https://forms.gle/PPYNRmkyoTrBqL4q6>
Webinar Link <https://meet.google.com/jgn-cqey-xpx>

86977 43361/62 | info@jisuniversity.ac.in

Research Work

'Research is Creating New Knowledge' – Neil Armstrong

The lockdown situation and the on-going pandemic ignited the academic minds of the University as well and the learned researchers delved into the depth of their core subject and came up with unique research proposals and published research papers. Professors from different research centres along with the Pharmaceutical Sciences, Microbiology, Biotechnology, and Engineering burned their night oils and produced some wonderful research solutions, papers and book chapters submitted to reputed journals. Few more interesting projects have been submitted to different sponsoring organisations.



International Journal of Biological Macromolecules 158 (2020) 922–936

Contents lists available at ScienceDirect

International Journal of Biological Macromolecules

journal homepage: <http://www.elsevier.com/locate/ijbiomac>

In-vitro and in-vivo evaluation of polymeric microsphere formulation for colon targeted delivery of 5-fluorouracil using biocompatible natural gum katira

Saumen Karan ^a, Souvik Debnath ^{a,c}, Ketusetuo Kuotsu ^b, Tapan Kumar Chatterjee ^{a,d,e,1}

^a Division of Pharmacology, Department of Pharmaceutical Technology, Jadavpur University, Kolkata 700032, India
^b Division of Pharmacokinetics, Department of Pharmaceutical Technology, Jadavpur University, Kolkata 700032, India
^c Department of Basic Medical Sciences, Parul University, USA
^d Department of Pharmaceutical Science and Technology, JIS University, Kolkata, India

Research Work

Name of the Author(s)	Department	Title of Paper	Name of the Journal	Impact Factor	Status
T. K. Chatterjee <i>et al</i>	Dean, JISU	"In-vitro and in-vivo evaluation of polymeric microsphere formulation for colon targeted delivery of 5-fluorouracil using biocompatible	<i>International J. of Biological Macromolecules</i>	4.8	Vol 158 year (2020pp:92-936
T. K. Chatterjee <i>et al</i>	Dean, JISU	"Dataset concerning effects of stevia (<i>Stevia rebaudiana</i> Bertoni), amlodipine, losartan, and valsartan on biometric parameters and heart tissue in gentamycin-induced nephrotoxicity in the rat model."	<i>Data in Brief</i> (Elsevier)		In press
Tathagata Roy <i>et al</i>	Pharmaceutical Technology	"Metoprolol induced oral lichen planus in an adult female patient – A Case report"	Research Journal In Pharmaceutical Technology	1.5	In press
Mr. Tathagata Roy <i>et al</i>	Pharmaceutical Technology	"Spectrophotometric method Development and validation of Acotiamide in its bulk and Tablet Dosages Form"	Research Journal In Pharmaceutical Technology	1.5	Published
Tathagata Roy <i>et al</i>	Pharmaceutical Technology	"Analytical method development & validation of Fulvestrant injection by using RP-HPLC method as per ICH guidelines"	International Journal Of Pharmaceutical Research.		In press
Pintu De <i>et al</i>	Pharmaceutical Technology	"Formulation and characterization of atorvastatin pharmacosomes as an alternative approach to conventional vesicular system"	<i>Int. Res. J. Pharm.</i>		2020, 11 (3) 45-49.
Susanta Paul <i>et al</i>	Pharmaceutical Technology	' <i>Enhancement of solubility of an oral hypoglycaemic drug, glimeperide by the technique cocrystallisation</i> '	<i>Ijpsr</i>		In press
Arnab Kumar Das <i>et al</i>	Computer Science & Engineering	"IOT Applications and Techniques to Solve Its Security issue"	TEST Engineering and Management	H-index:5 SJR:0.1	Published

Research Work

Dr. Dipankar Ghosh et al	Biotechnology	Optimization of process parameters on lipid biosynthesis for sustainable biodiesel production and evaluation of its fuel characteristics	<i>Fuel (Elsevier)</i>	5.13	Published
Book Chapter:					
Dr. Dipankar Ghosh et al	Biotechnology	Impact of Stress Factors on Plants for Enhancing Biomass Generations towards Biofuels. <i>Plant Stress Biology Progress and Prospects of Genetic Engineering</i>	<i>CRC Press</i>		<i>Accepted</i>
Dr. Dipankar Ghosh et al	Biotechnology	Relevance of Microbial Enzymes in Textile Industries emphasizing Metabolic Engineering Panorama, Microbial Fermentation and Enzyme Technology	<i>Taylor & Francis</i>		<i>Accepted</i>
Ms. Debolina H Adhya	Education	OER Enabled Learning: Ceaseless in Times of a Pandemic	<i>Open Learning and Research Communication</i>		In press
Mr. Victor Roy Chowdhury	Pharmaceutical Technology	“Liposome mediated pulmonary drug delivery system: An updated review”	<i>Research Journal of Pharmacy and Technology</i>		In Press
Mainak Mukhopadhyay, et al	Biotechnology	“The Protective Role of Metformin in Autophagic Status in Peripheral Blood Mononuclear Cells of Type Two Diabetic Patients”	<i>Cell Biology International (Wiley)</i>	2.127	Published
A. B. Bhattacharya	Pro VC, JISU	Scientific perspective of Guru Nanak's teachings	<i>Journal of Critical Reviews</i>	indexed link: https://www.scopus.com/sourceid/21100920227#tabs=0	In Press

15 Research Publications

Research Work

List of Research Proposals Submitted by faculty Members

Sl. No.	Name of the Research Project	Submitted to	Name of the Investigator/s	Name of the Institute
1	"Integrated Intervention of Yoga And Meditation Therapy Along with Medicinal Herbs to Fight Against COVID-19"	Department of Science & Technology (DST), GOI	Prof. T. K. Chatterjee, Dean	JIS University
2	"Victims and Dependents of Prisoners in Judicial Custody"	Bureau of Police Research & Development (BPR&D)	Dr. Souvik Chatterji, HOD, Law	JIS University
3	"Development of Multifunctional 3D bilayer scaffolds fabricated by electro spinning and 3D bio printing"	Department of Science & Technology, GOI	Dr. Prosenjit Saha, Assistant Professor	JISIASR, Kolkata of JISU
4	"Polymer based herbal antiviral surface coating formulation for bio protection"	Science & Engineering Research Board (SERB), GOI	Dr. Prosenjit Saha, Assistant Professor	JISIASR, Kolkata of JISU
5	"Development of Manufacturing Conditions of Polymeric-Metal Implant Employing Materials Big Data"	Science & Engineering Research Board (SERB), GOI	Dr. Prosenjit Saha, Assistant Professor	JISIASR, Kolkata of JISU
6	"An AI-enabled system to characterize and predict the pandemic attributes of SARS-CoV 2 genomes"	Science & Engineering Research Board (SERB), GOI	Dr. Rachana Banerjee, Assistant Professor (PI), Dr. Kausik Basak & Dr. Chandranath Adak (Co-PI)	JISIASR, Kolkata of JISU
7	"Antiviral and photoactive coating on non-woven fabrics and Nano-porous substrates towards developing newly designed respirator masks protective against Covid-19 and beyond"	Science & Engineering Research Board (SERB), GOI	Dr. Prosenjit Saha, Assistant Professor	JISIASR, Kolkata of JISU

Sl. No.	Name of the Research Project	Submitted to	Name of the Investigator/s	Name of the Institute
8	"Development of a cost-effective and hybrid imaging modality using photo acoustic and ultrasound principles for real-time and non-invasive screening of breast-tissue functions"	Science & Engineering Research Board (SERB), GOI	Dr. Kausik Basak, Assistant Professor	JISIASR, Kolkata of JISU
9	"Targeting autophagy pathway by an indigenous plant-derived phytochemicals that favor Imatinib-resistant chronic myelogenous leukemia cell death: an in-vitro approach"	DST-SERB, GOI	Dr. Avik Acharya Chowdhury	JIS University
10	"Development of genetically modified enzyme based Nano-composite: A contemporary tool for producing energy by utilizing textile effluents"	DST-SERB, GOI	Dr. Mainak Mukhopadhyay	JIS University

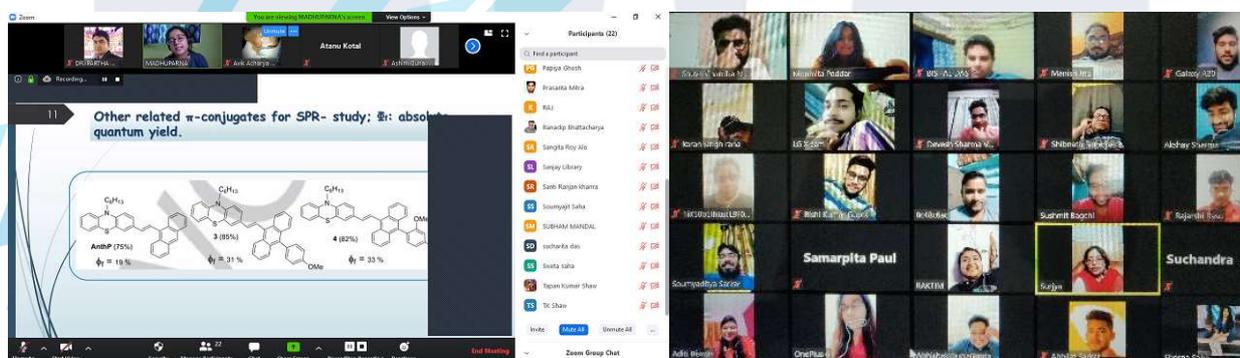
10 Research Proposals

Alumni Interaction

We Care

A sudden crisis gripped in and as the whole world went into a complete shutdown, JIS University wanted to reach out to the extended families, and esteemed alumnus. The alumni of JISU University were overwhelmed to come together with a nice gesture to connect and say to them “We Care”.

Alumni Interaction



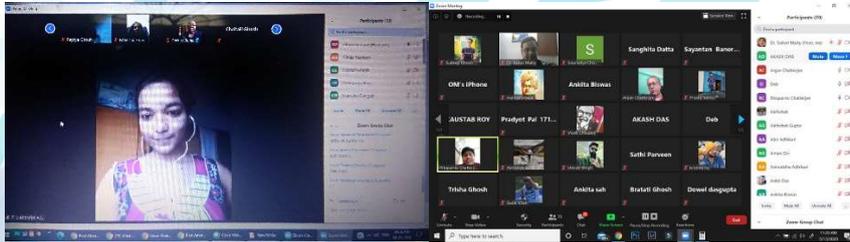
8 Alumni Interactions

Online Counselling

The Future belongs to curious

As a centre for education it is the primary responsibility of JIS University to guide young minds and help them choose proper career path. The admission team along with the faculties through the web platforms are taking separate counselling session continuously. Online webinars are arranged for the same and are being carried out with insight and prospective outlook by different departments of JIS University.

Online Counselling



67 Online Counselling

Internship

Providing Internship Opportunities changes the Whole Equation

With every crisis comes a new learning. With the lockdown apparently the shock was on internship programs offered by different courses and dealing with this situation. The situation led JIS University to newer pastures and avenues and the students of JIS University were fast enough to grab the opportunity and grasp the momentum. Different MNC's started offering online and work from internship programs and JIS University can proudly say that the students are doing online internship programs with prestigious companies like KPMG, Boston Consulting Group, AICTE, and My Cool Guru and so on.



WHITE VINEGAR
White Vinegar can be used to sanitize furnitures, doors and windows.

BAKING SODA
We can use it as a disinfectant by washing the clothes with it.

Aloe vera
By mixing aloe vera pulp, spirit and water we can make sanitizer.

LEMON JUICE
Lemon or any citric acid containing fruit can be used to sanitize and kill bacteria on hard surfaces.

SPICES
The spices we use at home like turmeric, garlic, ginger, cinnamon, tulsi, etc., have immune boosting capability.

The cloth masks can be disinfected by washing with soap, baking soda and water and reused.

Wash fruits and vegetables in boiling water with baking soda and salt.

Wash your hands regularly using hand wash or use hand sanitizers.

Baking soda, lemon juice and white vinegar can also be used to disinfect household goods.

Edward Jenner developed the concept of vaccines in an attempt to protect people from smallpox in 1796. And thus, he is known as the Father of Immunology. A vaccine is a biological preparation that provides active acquired immunity against a particular disease. Vaccination is the administration of a vaccine to help the immune system to develop protection from a disease.

Components
Vaccines include a variety of ingredients including antigens, stabilizers, adjuvants, antibiotics, and preservatives such as formaldehyde. Vaccines are prepared using weakened or killed microorganisms, its toxins or its surface proteins.

Different Types of Vaccines	
Live, attenuated	Mumps, Measles, Rubella (MMR) combined vaccines Varicella (Chickenpox) Influenza (Most types) Poliovirus
Inactivated/ Killed	Diph (DTP) Hepatitis A
Toxoid (Inactivated toxin)	Diphtheria, Tetanus (Part of DTP combined immunization)
Subunit/ Conjugate	Hepatitis B Influenza (Injection) Haemophilus influenzae type b (Hib) Pertussis (Part of DTP combined immunization) Haemophilus Meningococcal

Preparation
Isolation of an antigen.
↓
The isolated antigen is purified by selective displacement chromatography, affinity chromatography, etc.
↓
The purified antigen is mixed with adjuvants and preservatives to make the final vaccine.
(Formulation)

The Phases of Vaccine Development

Exploratory → Preclinical → Clinical Development → Regulatory Review Approval → Manufacturing → Quality Control

Get vaccinated and save lives!

Internship

112 Internship

NPTEL / MOOC Courses

Start what you are. Use what you have. Do what you can – Arthur Ashe

Some of the very basic and advanced courses had done by JIS University students. All the courses are designed by different IIT's and IISC Bangalore. It is an initiative from AICTE and executed from the University end.



13 NPTEL/MOOC Registered

Institute Innovation Council (IIC)

Anything is Possible if you've got enough nerve

In line with the vision of the Ministry of Human Resource Development (MHRD), Govt. of India to inculcate a tradition of research through innovation amongst all Higher Education Institutions (HEIs), JIS University IIC is focused to build a knowledge ecosystem and foster Research, Innovation and Entrepreneurship. JISU IIC provides a dynamic platform for researchers, policymakers, intellectuals, scientists, jurists, writers, performing artists and members of civil societies to interact and exchange new ideas and knowledge in the spirit of global innovation collaboration which is reflected in its activities and calendar of events. JISU IIC aims to contribute positively in the national talent pool and global knowledge economy. In University we have 4 Brand ambassadors named as IIC Brand Ambassadors. (Dr. Saikat Maity, Dr. Pintu De, Dr. Dibyarupa Pal and Mr. Gaurav Majumder)

Institute Innovation Council (IIC)



JIS UNIVERSITY **JIS UNIVERSITY** **JIS GROUP**
Educational Initiatives

Presents

THOR 2020

Powered by IDEATHON

Incubating Innovation
JISii
JIS UNIVERSITY INSTITUTIONAL INNOVATION COUNCIL
An Open Online Innovation Model

WIN ATTRACTIVE PRIZES

Registration Open : 31.03.2020
Last date of Submission : 07.04.2020
Grand Finale : 11.04.2020

India's First Online Ideathon

Technical Coordinators	Student Coordinators
Dr. Saikat Maity Dr. Mainak Mukhopadhyay Mr. Gaurav Majumder	Akash Das 085839 49391 Soumalya Chowdhury 07872632541

Registration link
<https://forms.gle/wgAGBWZ4Vofu3E9a7>

Submission link
<https://forms.gle/MNKPRLYAxYwuhC7DA>

For any query mail to ideathonjisu@gmail.com

17 IIC Activities

Online Tests

Unless it is tested remember your point is just your point

JIS University opted different platforms to take the online tests. Google form, Cisco Test platform, Web Applications are the platforms where students gave their tests with instant result and wrong answer illustration.

300 Online Tests

Institutional Social Responsibilities (ISR)

The best way to find yourself is to lose yourself in the service of others -Mahatma Gandhi

It is in the service of others that JIS University get greatest satisfaction. At this time of crisis the students and faculties of the University came forward to work for the society both in person as well as in groups. Together the institution created a sustainable synergy to reach out to those sections of the society who needed help during this crisis. Apart from donating food items, groceries, few faculties at their individual capacities came forward to distribute food to the slum dwellers.



10 ISR Activities

Participation in Hackathon / Ideathon

One Idea can change the whole World

Many students participated in the Ideathon / Hackathon organised by JIS University and other institutions. Students with innovative ideas on combating this current situation participated whole heartedly. There was overwhelming response from JIS group students and innovative ideas to combat this situation were presented.

79 Participants

University Conducted Ideathon

One Idea can change the whole World

Many students participated in the Ideathon organised by JIS University, AICTE, IIT and other different Institutions. Students with innovative ideas on combating this current situation participated whole heartedly. We received overwhelming response from across the JIS group students and innovative ideas to combat this situation was found. Many Students from JIS University won the prizes. THOR 2020 is an Ideation under the umbrella of JISU IIC where you generate ideas and solutions through sessions such as Sketching, Prototyping, Brainstorming, Brain writing, Ideation is also the third stage in the Design Thinking process. Although many people might have experienced a “brainstorming” session before, it is not easy to facilitate a truly fruitful ideation session. In THOR 2020, we’ll teach you some processes and guidelines which will help you facilitate and prepare for productive, effective, innovative and fun ideation sessions. Ideation is often the most exciting stage in a Design Thinking project, because during Ideation, the aim is to generate a large quantity of ideas that the team can then filter and cut down into the best, most practical or most innovative ones in order to inspire new and better design solutions and products.

Total Participants Registered: - 127 (All Students have 1 Mentor)

Students Qualified in first Round: - 64

Students Qualified in second round: - 32

Students Qualified for Grand Finale: - 23

University Conducted Hackathon





JIS UNIVERSITY

Presents



THOR 2020 FINAL RESULT

Powered by



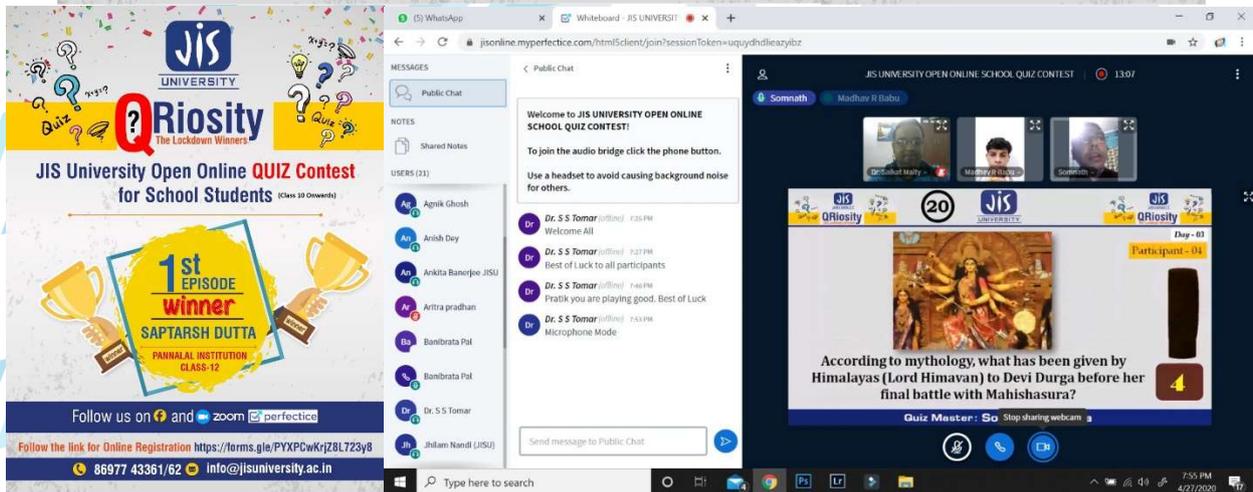
JISiit
An Open Online Innovation Model

 <p>1st RUNNER UP</p> <p>THoR-ID: thor20-2087 Diya Chatterjee JIS University DEPARTMENT: CSE YEAR: 1st :Mentor Name: Dr. Dipankar Ghosh Course Coordinator</p> 	 <p>CHAMPION</p> <p>THoR-ID: thor20-2196 Debmitra Ghosh JIS Institute of Advanced Studies & Research DEPARTMENT: CSE YEAR: 1st :Mentor Name: Dr. Chandranath Adak Assistant Professor, Centre for Data Science</p> 	 <p>2nd RUNNER UP</p> <p>THoR-ID: thor20-2183 Mehul Kundu JIS College of Engineering DEPARTMENT: CSE YEAR: 1st :Mentor Name: Dr. Sabyasachi Sen Dean R&D</p> 
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Online Quiz Conducted

JIS University is conducting weekly live quiz program in the social media platforms to directly interact with the school students and to motivate them.

Online Quiz Conducted



18 Online Quizzes

Online Debate and Group Discussions

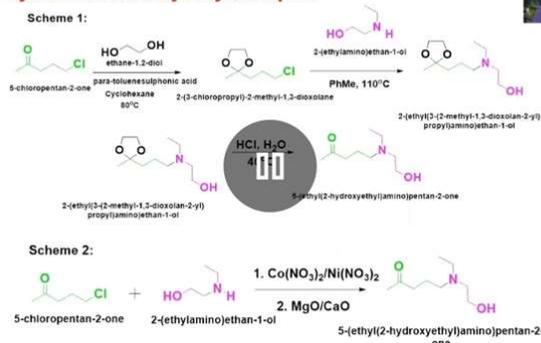
Ignite young minds, let them question more

As a part of the co-curricular activities all the departments organised debate competitions on different topics ranging from the reason of COVID 19 to the condition of the economy post the crisis and the legal spectrum's role in combatting such crisis in future. At the end of each brain-storming session there were a lot of take aways.

Online Debate and Group Discussions



Synthetic Route of Hydroxychloroquine



35 Online Debates / Group Discussion

Preparation of Medical Aids to Prevent COVID 19

Necessity is the Mother of Invention

Any situation gives rise to innovation and critical thinking. The researchers and students of JIS University during this health crisis got together and prepared different medical aids like sanitizers, face masks and so on. The well-equipped laboratories of the University and dedicated faculties were constantly motivating the students in their endeavours and pursuits.



Preparation of Medical Aids to Prevent COVID 19

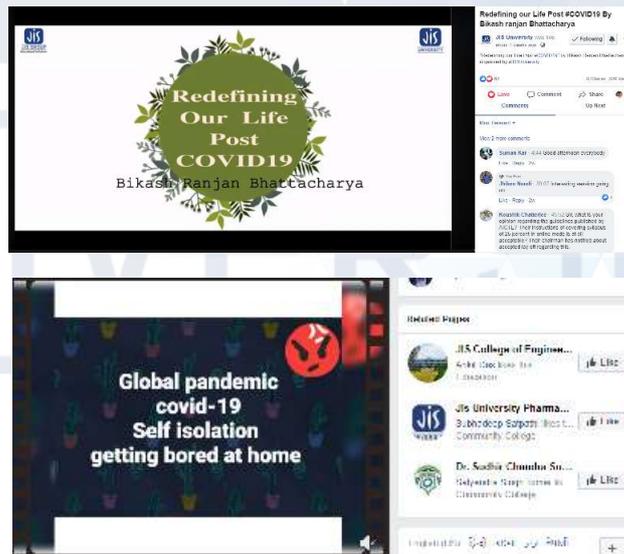


100 Sanitizers for JISU Staffs

Institutional Webinars on COVID 19

Knowledge Increases by Sharing

The century is witnessing a one of a kind situation where a virus has disrupted the world completely. In this global pandemic situation, people are not only shocked but also confused with different incorrect information that are being circulated. At this critical juncture JIS University thought about spreading awareness about the situation and conducted webinars by the learned faculties of different departments and researchers on topics ranging from the virus, its problems, health and hygiene issues.

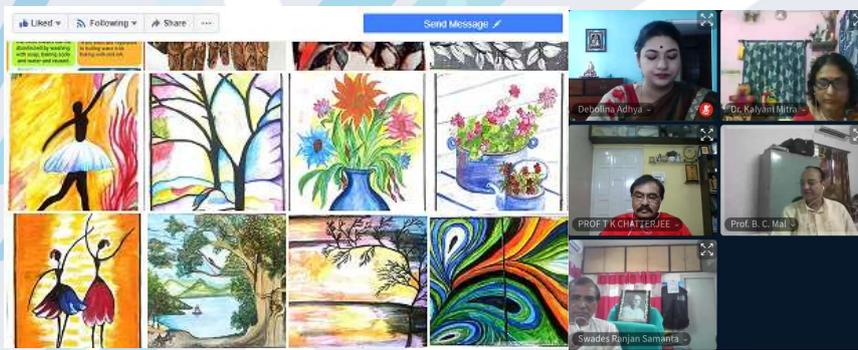


12 Webinars on COVID 19 with 631 Participants

Online Cultural Events

Culture Binds People Closely

With an aim to involve the students in extracurricular activity, JIS University encourage students to participate in different cultural activities. They include dance, music, recitation to creative art works like face mask making, mehendi-making, fashion, as well as photography, collage, mobile film making etc. The faculties of the University constantly motivated the students and participated with passion and enthusiasm. The Head of the Institution and other senior functionaries also participated in various events held online and encouraged the participants and faculties.



3 Online Cultural Events

Inter Institutional Activities(IIA)

When competition is healthy, growth becomes predominantly high. In order to grow the inter departmental bond, the students invited different departments in various inter departmental activities, starting from quiz, cultural performances, creative arts and so on. With a positive attitude and willingness to stand by each other, the events witnessed extraordinary participation across departments. The students of all the departments believed in the impartiality of the judges and appreciated the judgements made.



Creative Writing

Student Volunteers:
Arunima Biswas (UG4),
Maharishi Bhattacharya (UG3),
Sutapa Dhar (UG2),
Rebati Manna (UG1),
Md. Shahbaz Alam (D2),
Beauty Khatun (D1)
and Shreya Chatterjee (BMLT)

**On 18.05.2020
From 09:30 onwards**

For further queries contact

7 IIA's

Inclusion of New Course

A Feather in our Cap

Amidst all these crises a breath of fresh air came in the form of affiliation news for two Masters Courses in Pharmaceutical Sciences. Having a postgraduate course is always very prestigious for any department in a University system. It not only reinstates a very positive image for the Department but also opens more research options for the University.

1 New Course

Social Activities During Lockdown

It is very important for JIS University to assist the students to become good human beings and better citizens of the Country. Through services to others, by being empathetic towards the societal causes, being responsible citizen is what JIS University aims at. JIS University is instrumental towards strong Nation Building and it is a continuous process. The students, faculties, staff of the University came forward and distributed food items to the financially under privileged people continuously.



19 Social Activities

Faculty Achievements

JIS University is proud of the esteemed faculty members and academicians who after this exhaustive online academic schedule ignited their research minds and achieved greater heights. Dr. Souvik Chatterji, Dr. Mainak Mukhopadhyay gifted the academic world with their books on their expert domains and subject specific frontiers. Dr. Dipankar Ghosh received accolades of being the best mentor for his research guidance. The University is also proud of Dean Prof. T. K. Chatterjee who has submitted few drugs for patenting. Ms. Debolina Adhya's research paper has been accepted in an International conference for publication and Dr. Saikat Maity bagged International Photography Distinctions.

Faculty Achievements

Combination Therapy Using Metal Nanoparticles for Skin Infections

Authors Debalina Bhattacharya, Rituparna Saha, Mainak Mukhopadhyay
Publication date 2020
Book Nanotechnology in Skin, Soft Tissue, and Bone Infections
Pages 49-69
Publisher Springer, Cham

Present status and future prospect of genetic and metabolic engineering for biofuels from lignocellulosic biomass

Authors Debmallya Konar, Rituparna Saha, Debalina Bhattacharya, Mainak Mukhopadhyay
Publication date 2020/1/1
Book Genetic and Metabolic Engineering for Improved Biofuel Production from Lignocellulosic Biomass
Pages 37-46
Publisher Elsevier



Achinta Kumar Saha, GMPSA, EFIAP/P
Assistant Director, Recognition of Photographic Achievement
140, Prince Golam Hossain Shah Road,
Kolkata 700032 INDIA
achintsaha@yahoo.com

**Photographic Society of America
Recognition of Photographic Achievement
March 16, 2020**

To: **Dr. SAIKAT MAITY**
Subject: PPSA distinction awarded

UNIVERSITY

21 Faculty Achievements

Student Achievements

During this lockdown period JIS University students have done a remarkable job. Many of the students from different departments bagged online certification courses and trainings as well as achieve different accolades in their extracurricular activities too from different online Training platforms like Cisco, Microsoft, Udemey.



11 Student's Achievements

Doubt Clearing Sessions

As a part of the on-going academic activity, due to a shift in the academic delivery process from physical class room to digital classrooms, JIS University took extra measures for better delivery of the learning systems by conducting doubt clearing sessions, additional teaching sessions under different digital platforms for the students.

410 Doubt Clearing Sessions

Admission Cell Activities

JIS University has a very strong admission cell. The Cell actively engaged itself in different activities like organising online counselling sessions, conducting online quiz sessions for the high school students. The cell also organised different webinars for school teachers and mothers on stress management and work-life balance.

17 Admission Cell Activities

Placements Done

The training & Placement Cell of our University is one of the most active cells and work tirelessly towards student well-fare and different internship and placement activities across all the departments.



Placements Done



42 Placements

JIS Group Initiative

It is a matter of honour and pride to be a part of India's and West Bengal's most premier educational Group- JIS Group. This on-going crisis made the different sectors dumb-founded and the world took to a standstill. When rest of India was wondering what to and do how to cope up with this crisis, Honourable Chancellor Sardar Taranjit Singh was among the first ones to respond to this crisis not only positively but very proactively. Apart from motivating the entire JIS Group team on digital mode of working, he made sure to arrange training for all the University staff and faculty members on digital learning systems.

Honourable Chancellor made a noble donation to the CM care fund of an amount of Rs. 2.51 crores. All Faculty, Administrative Staff and other staff feel humbled and honoured to work under such a great philanthropist.

JIS Group Initiative



United News of India

India's Multi Lingual News Agency

Sunday, May 31 2020 | Time 02:17 Hrs(IST)

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BREAKING NEWS : Clamor for boycotting Chinese products grows due to the

India World Sports Business & Economy Science & Technology Features Entertainment

States »

East

Posted at: Apr 4 2020 3:34PM



JIS Group contribute 2.51 crores towards Chief Minister's Emergency Fund

Idea-O-Meter

Together we build dreams

An innovative crowd-funding platform was created and inaugurated during this lockdown period for the budding researchers, innovators and thinkers associated with JIS Group. The platform is a unique showcasing of ideas opened to the JIS Group leadership who would love to fund these project ideas. In this way the best ideas will transform into real time tangible working prototypes.



COVID-19: ITS PRECAUTIONARY MEASURES

Prof. A. B. Bhattacharya
Pro Vice Chancellor, JIS University

It is very important to keep in mind that one should avoid self-medication. As of now the symptoms of a patient are only treated but yet there are no medicines to treat COVID-19. The best way to avoid getting Corona virus is to wash hands and not to touch face before washing. Smoking, wearing multiple masks and taking antibiotics are the things to be avoided. Disposable face mask can be used once only. In fact, World Health Organization (WHO) urges people to use masks wisely. COVID-19 related ten striking questions with answers are outlined below.

1. What is COVID-19 and why is it called Novel?

It is the infectious disease due to the corona virus found in 2019. This particular type of virus was unknown before the outbreak began in Wuhan, China, in December 2019. That is the reason why it is called the Novel (means new) Corona virus.

2. What are the most common symptoms of COVID-19?

The most common symptoms of COVID-19 are difficulty in breathing, cough and fever; some patients may have aches and pains, sore throat, nasal congestion, runny nose or diarrhea. In general, these symptoms usually mild and start slowly. Sometimes people become infected without developing any symptoms and even without feeling unwell. Statistically it has been noted that about 80% people recover from the disease without support of any special treatment. Out of every six persons affected by COVID-19, it has noted that around one person becomes seriously ill with difficulty in breathing.

3. Can the virus be caught from a person without any symptom?

The disease spreads primarily through respiratory droplets expelled by a person who is coughing. So the risk of getting COVID-19 from someone without any symptom is too low. However, it is important to note that many people with COVID-19 experience have only mild symptoms, particularly at the early stages of the disease. Hence there is a possibility to catch COVID-19 from a person who has just a mild cough without illness.

4. Is there a possibility to catch COVID-19 from the faces of someone with the disease?

Risk of catching the disease from the faces of an infected people appears to be very low. However, as there is always a risk, it is a better practice to clean hands regularly using the bathroom as well as before eating.

5. Is it possible to predict how long does the virus survive on surfaces?

It is yet uncertain to predict how long the virus survives on surfaces. Some preliminary investigations show that corona viruses may persist on surfaces from a couple of hours extending to several days which may differ under varying conditions like temperature or humidity of the environment, type of surface, etc. An infected surface should be cleaned with simple disinfectant for killing the virus and protect us. We must then clean our hands with an alcohol-based hand rub or with soap and water. Before cleaning the hands properly one must avoid to touch mouth, nose or eyes.

6. Is it possible for the virus to travel on goods which have come in from infected places?

Contaminating commercial goods by an infected person is low and as a matter of fact the risk of catching the virus from a package which has been moved and exposed to different environments and temperature is also low.

7. How can we reduce chances of being infected or spreading COVID-19 by taking some simple precautions?

We must be ascertained that the people around us follow good respiratory hygiene covering mouth and nose with bent elbow or tissue during cough or sneeze and immediately dispose of the used tissue. It is advisable to stay home if one feels unwell. If there is a fever, cough and difficulty in breathing, one must seek medical attention without delay. An immediate medical attention permits health care provider to quickly direct for the proper health facility for protecting the person as well as to prevent spread of viruses and other infections. If it is essential to go out for buying food, then we must wear a mask to avoid infecting other people.

8. How does COVID-19 spread from others in the society in large scale?

People can catch the virus from others who have already got COVID-19. From person to person the disease can spread through small droplets from the mouth or nose. These are spread usually when an infected person coughs or exhales. The droplets land on objects and thereafter surfaces around the person. When persons touching these objects or surfaces, they receive the virus and eventually touching their eyes, nose or mouth they are catching COVID-19. Alternately, people can catch COVID-19 if they breathe in droplets from an effected person who exhales droplets or coughs out. For that reason it is recommended to stay at least 1 meter away from a sick person.

9. Is it possible for the virus that causes COVID-19 to be transmitted through the air?

Recent investigations show that the virus that causes COVID-19 is primarily transmitted through contact with respiratory droplets and not through the air.

10. What are the special precautions to be taken by the older people when some indications are noted?

Older people, particularly those with medical problems like heart problems, diabetes and high blood pressure and also under similar type of other problems are more likely to develop serious illness under COVID-19. That is why people with cough, fever and problem in breathing should seek medical attention without delay.

UNIVERSITY

JIS UNIVERSITY ADMISSION ELIGIBILITY CRITERIA 2020-21

COURSE	ELIGIBILITY
B.TECH. IN COMPUTER SCIENCE AND ENGINEERING (CSE) (4 YEARS)	60%* over all in 10+2 with Physics and Mathematics as compulsory subjects along with Chemistry / Biotechnology / Biology / Technical Vocational subjects.
B.TECH. (CSE) (LATERAL ENTRY) (3 YEARS)	Diploma from an AICTE approved Institution. Obtained at least 60%* marks in appropriate branch of Engineering/Technology. Or B.Sc. Degree from a recognized University with at least 60%* marks and passed XII standard with Mathematics as a subject.
BCA (3 YEARS)	10+2 from any stream with a minimum of 50%* marks with English and Mathematics or Computer Application or Business Mathematics / Statistics as one of the subject from a recognized Board.
BBA-(H) (3-YEARS)	10+2 from any stream with a minimum of 50%* marks. Under Graduate Aptitude Test (UGAT) qualified candidates can directly apply for GD/PI.
INTEGRATED BBA-MBA (5-YEARS)	10+2 from any stream with a minimum of 50%* marks. Under Graduate Aptitude Test (UGAT) qualified candidates can directly apply for GD/PI.
MBA (FULL TIME – 2 YEARS)	Minimum of 50%* marks in Graduation (in any stream of studies) as well as in 10+2 level. Candidates with a valid score card of CAT/MAT/XAT or any equivalent examination can directly apply for GD/PI.

BHM – BACHELOR IN HOSPITAL MANAGEMENT(3 YEARS)	10+2 in any stream with a minimum of 50%* marks with English as one of the subject from a recognized Board.
INTEGRATED BBA-LLB (H) (5 YEARS)	Minimum 50%* marks in 10+2 in any discipline. Maximum age limit is 20 years [22 years for SC / ST / OBC / Specially Abled Persons (SAP) category candidates].
LLB (3 YEARS)	Minimum 45%* marks in degree course (graduation) in any discipline. 40% marks for SC/ST category and 42% for OBC. Maximum age limit is 40 years.
LLM (2 YEARS)	Minimum 45%* marks in LLB exams [either a five year Integrated or a three year law course] from an institution approved by BCI. In case of SC / ST category candidate minimum 40% marks and 42% for OBC in LLB exams. There is no age bar.
B. PHARM (4 YEARS)	Passed 10+2 Examination with Physics, Chemistry as compulsory subjects and Mathematics or Biology as 3rd subject. Obtained a minimum of 60%* marks.
D. PHARM (2 YEARS)	Passed 10+2 Examination with Physics, Chemistry as compulsory subjects and Mathematics or Biology as 3rd subject.
M. PHARM-PHARMACEUTICS & M. PHARM-PHARMACOLOGY (2 YEARS)	B.Pharm graduates with 60% marks are eligible to apply.
BMLT (3 YEARS)	Passed 10+2 Examination in the Science stream with a minimum aggregate score of 50%* (45% for SC/ST/OBC candidates) with Physics, Chemistry, Biology, Biotechnology and Mathematics as the main subjects of study at the 10+2 level.

B.Sc. (H):(3 YEARS)

1. PHYSICS (H):

2. CHEMISTRY (H):

3. BIOTECHNOLOGY (H) AND MICROBIOLOGY (H):

4. GEOLOGY (H):

Passed 10+2 Examination with a minimum of 50%* marks in science stream as per the following requirements:

Physics and Mathematics are compulsory in addition to any one subject from Chemistry /Biology /Computer Science / Statistics

Chemistry is compulsory in addition to any two subjects from Physics / Mathematics / Biology / Computer Science / Statistics

Biology is compulsory in addition to any two subjects from Physics / Chemistry / Mathematics /Computer Science /Statistics

Mathematics is compulsory in addition to any two subjects from Physics / Chemistry / Biology / Computer Science / Statistics

**M.Sc. (PHYSICS, CHEMISTRY, APPLIED CHEMISTRY,BIOTECHNOLOGY, MICROBIOLOGY, APPLIED GEOLOGY)
(2 YEARS)**

Candidates from Universities of West Bengal with B.Sc. (H) in relevant discipline are eligible. Candidates from other states should have a minimum of 50%* marks in relevant discipline along with 45%* marks in aggregate.

**M.Sc. IN REMOTE SENSING & GIS
(2 YEARS)**

B.Sc.(Hons.)with at least 45%* marks in Electronics/Physics/Mathematics/Geography/ Geology/ Applied Geology/Geo Physics/ Geo Informatics/Oceanography/ Environmental Science and Equivalent degree (OR) B.E./ B. Tech in ECE/EE/Civil/Geo Informatics/CSE/ Agriculture Engineering/Urban & Regional Planning/ IT (OR) B.Sc., Agriculture/ Forestry/ Horticulture (4 years). Mathematics in (10+2) level is compulsory.

B.Ed. (2 YEARS)

Bachelor Degree or Master Degree in Science/Social Science/ Humanities with a minimum of 50%* marks or Engineering and Technology with a minimum of 55%* marks

or students with other equivalent qualification are eligible.

HOSPITALITY AND HOTEL ADMINISTRATION

B.SC. IN HOSPITALITY AND HOTEL ADMINISTRATION:(3 YEARS)

Higher secondary (10+2) in any stream can apply.

M.SC. IN HOSPITALITY AND HOTEL ADMINISTRATION:(2 YEARS)

Graduation in any field

MBA IN HOSPITALITY AND HOTEL ADMINISTRATION:(2 YEARS)

Graduation in any stream

**B. A. (2 YEARS) IN
- INTERNATIONAL HOSPITALITY AND HOTEL ADMINISTRATION
- INTERNATIONAL CULINARY ARTS**

Higher secondary (10+2) appeared or passed from any stream can apply.

DIPLOMA IN HOTEL OPERATIONS (1.5 YEARS)

Passed Class X

PH.D IN MULTIPLE DISCIPLINE (ENGINEERING , SCIENCE, EDUCATION, LAW)

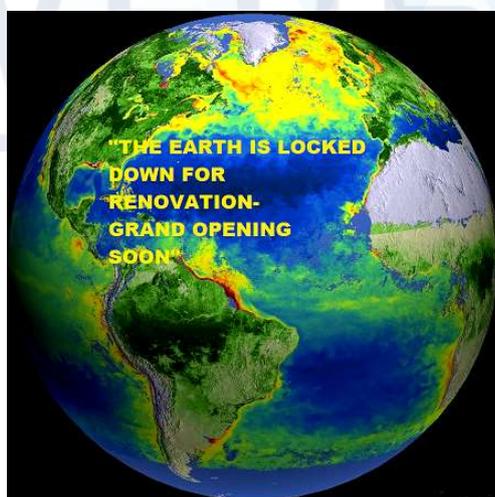
Master Degree in Any Discipline from a reputed institute.

POST GRADUATE DIPLOMA IN PHARNACOVIGILANCE IN CLINICAL RESEARCH (IN COLLABORATION WITH AMRI HOSPITAL, KOLKATA)

B.Pharm / Bachelor in any Biological Science.

NOTE: *The relaxation of marks for SC/ST/PWD/OBC is 5%.

For admission to the above courses, students have to qualify in JIS University Entrance Examination.



Courses at a Glance

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING (CSE) (4 YEARS)
B.TECH. (CSE) (LATERAL ENTRY) (3 YEARS)
BCA (3 YEARS)
BBA-(H) (3-YEARS)
INTEGRATED BBA-MBA (5-YEARS)
MBA (FULL TIME – 2 YEARS)
BHM – BACHELOR IN HOSPITAL MANAGEMENT(3 YEARS)
INTEGRATED BBA-LLB (H) (5 YEARS)
LLB (3 YEARS)
LLM (2 YEARS)
B. PHARM (4 YEARS)
D. PHARM (2 YEARS)
M. PHARM-PHARMACEUTICS & M. PHARM-PHARMACOLOGY (2 YEARS)
BMLT (3 YEARS)
B.SC. (H):(3 YEARS)
PHYSICS (H)
CHEMISTRY (H)
BIOTECHNOLOGY (H) AND MICROBIOLOGY (H)
GEOLOGY (H)
M.SC. (PHYSICS, CHEMISTRY, APPLIED CHEMISTRY,BIOTECHNOLOGY,
MICROBIOLOGY, APPLIED GEOLOGY) (2 YEARS)
M.SC. IN REMOTE SENSING & GIS (2 YEARS)
B.ED. (2 YEARS)
PH.D IN MULTIPLE DISCIPLINE (ENGINEERING , SCIENCE, EDUCATION, LAW)
POST GRADUATE DIPLOMA IN PHARNACOVIGILANCE IN CLINICAL RESEARCH
(IN COLLABORATION WITH AMRI HOSPITAL, KOLKATA)

Important Links

University Facebook Page : <https://www.facebook.com/JISUniversityKolkata/>

University Website : <https://jisuniversity.ac.in/>

Idea-O-Meter : <http://122.252.249.26:150/forms/index.html>

Linkedin : <https://www.linkedin.com/company/jis-university-admission-cell/>

Twitter : https://twitter.com/jis_university

Youtube : <https://www.youtube.com/channel/UCaxELQMUOxwHMrfiiMLqMWw>

JIS University

81, Nilgunj Rd, Agarpara, Kolkata, West Bengal 700109

