

Department of Biotechnology

6th Issue
Jan 2020



**School of Engineering
and Technology**

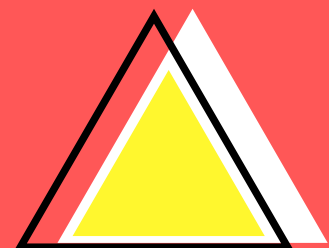


SHARDA
UNIVERSITY
Beyond Boundaries

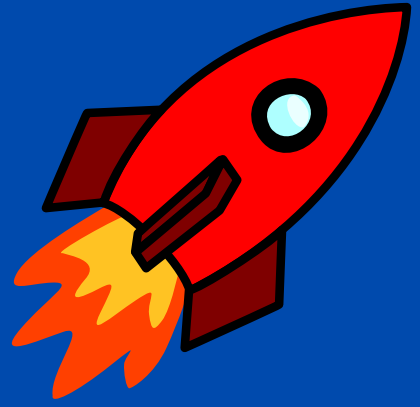
**DNAwesome
Newsletter**

VISION

To become a global centre for higher learning in pursuit of academic excellence, innovation, and entrepreneurship in various disciplines of Biotechnology.



MISSION



M1: To adapt and update students with rapidly changing technologies through self-improvement with continuous learning and professional ethics.

M2: To enable students for community-collaborative learning processes beyond classrooms in various disciplines of biotechnology.

M3: To conduct cutting-edge multi-disciplinary research in plant, animal, medical, industrial, microbial, and environmental biotechnology.



M4: To motivate and train students for industrial practices, higher studies, lifelong learning skills, and entrepreneurship.

‘Technovation Hackathon 2’ (in association with The Greater Noida Industrial Development Authority (GNIDA))

In order to encourage youth to innovate smart projects, The Greater Noida Industrial Development Authority (GNIDA) in association with a Sharda university organized the second edition of ‘Technovation Hackathon 2’ in order to mark its 29th Foundation Day. The second edition addresses global issues of smart citizen & governance, transportation, smart security, safety & surveillance, waste management and energy systems.

The event witnessed participation from premier institutions and universities across India. More than 200 teams comprising of over 650 students who came together with an aim to ideate and create innovative solutions for some of the critical issues faced by the people living in the Greater Noida region. Shri. Deep Chandra, ACEO, GNIDA was the Chief Guest of the Award Ceremony. The convener of this event is Dr. Prof. Parma Nand, Dean, SET.



Dr. Prof. Parma Nand, Dean, SET is facilitated for organizing successful event during Winter carnival held on 28th January 2020 at GNIDA.

“Leadership is the capacity to transform vision into reality. – Warren G. Bennis, founding chairman of the Leadership Institute at the University of Southern California”



SHARDA UNIVERSITY

ORAL PRESENTATIONS/WORKSHOPS/PHD

Faculty Name	Achievement
Dr. Garima Chauhan	Oral Presentation entitled, "Therapeutic Potential of Cinnamomum cassia in experimental visceral leishmaniasis" in 5th Global Outreach Conference on "Modern Approaches in Smart Agriculture" (MASA-2020), Feb 28-29, 2020.
Ms. Priya Tyagi	Oral Presentation entitled, "Assessment of Tsampa flour and Moringa Oleifera fortified cookies" in 5th Global Outreach Conference on "Modern Approaches in Smart Agriculture" (MASA-2020), Feb 28-29, 2020
Mr. Praveen Yadav	Alumnus, Sharda University and presently Assistant Professor, Sharda University, have been selected for Fully Funded PhD at Sogang University, Seoul, South Korea
Dr. Richa Sharma	Invited by VNMKV, Parbhani, Maharashtra to present in one day webinar on "Enhancing research writing skills of students and scholars: citations management". Event managed by NAHEP-CAAST-DFSRDA – Funded by The World Bank



NAHEP



NAHEP-CAAST-DFSRDA
Vasantrao Naik Marathwada Krishi Vidyapeeth,
Parbhani (MS)

Organizing one day webinar on
"Enhancing research writing skills of students and
scholars : citations management"

Speakers



Dr. Richa Sharma
Assistant Professor, Department of Biotechnology,
Sharda University, Greater Noida.



Dr. Ram Saran Chaurasiya
Research Scientist
String Bio Pvt. Ltd., Bangalore.



08th May 2020



11:00 AM

Link to join the meeting:

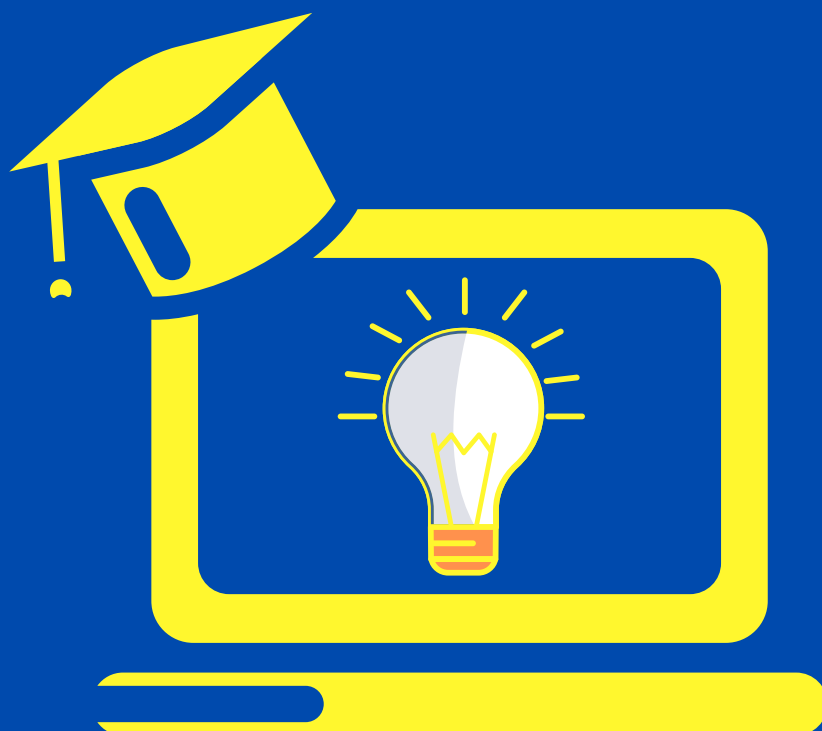
<https://m.teamlink.co/1444600820?p=0c5240dcaa1393aa0d0ef364a77a16f7>

Meeting ID: 1444600820 ; Password :431402

WEBINARS




Faculty Name	Workshop or Webinar title/dates/place
Dr. Pankaj Taneja	<p>Online Certification Course on Intellectual Property Rights and Innovation"" 29th April to 1st May, 2020 Conducted by WIPO - Technology and Innovation and Support Centre (TISC) & Patent Information Center (PIC) Karnataka State Council for Science and Technology, IISc Campus, Bengaluru And Cell for IPR Promotion and Management (CIPAM) Department for Promotion of Industry & Internal Trade, Government of India, New Delhi."</p> <p>Webinar: Career Uplift: Stem Cell & Regenerative Medicine in 21st Century, 23 April, 2020 organised by Department of Biotechnology, Sharda University.</p> <p>Webinar on Healthcare Biotechnologies Licensing Opportunities organised by Confederation of Indian Industry and Biotechnology Consortium India Limited (BCIL) 6th May 2020.</p> <p>Webinar on Covid-19 effects across the Globe in education Sector organised by Elets Technomedia.</p>
Dr. Sachin Teotia	<p>Webinar: Introducing an Advanced and Intuitive Multi-Omics Data Visualisation System for Quick and Efficient Analysis and Discovery, by BGI Genomics, May 6, 11 am EST.</p> <p>Webinar: Therapeutic approaches in targeting COVID-19 pandemic: Drug repurposing and vaccination, Dr. Vishwas Tripathi, GBU, April 23, 5 pm.</p> <p>CRISPR Advanced Certification Course-Biotechnika</p>

Faculty Name	Workshop or Webinar title/dates/place
Ms. Monika Jain	<p>"MOOC: COVID-19: Tackling The Novel CORONAVIRUS from London School of Hygiene & Tropical Medicine and UK Public Health Rapid Support.</p> <p>"Webinar: Career Uplift: Stem Cell & Regenerative Medicine in 21st Century."</p>
Dr. Vimlendu Bhushan Sinha	<p>Completed 3 weeks MOOC on 'How to teach online: providing continuity for students.'</p> <p>"Completed 3 week MOOC on - COVID-19: Tackling The Novel CORONAVIRUS from London School of Hygiene & Tropical Medicine and UK Public Health Rapid Support."</p> <p>Completed 2 week MOOC on 'Transforming digital Learning-Learning design meets service design.'</p>
Dr. Garima Chauhan and Ms. Priya Tyagi	<p>Attended Bioinformatics workshop on 25 and 26 April, organised by Foresight Biotech Pvt Ltd.</p>



FACULTY'S RESOURCE PERSONS OF WEBINARS, EVENTS AND WORKSHOPS


1. Dr. Richa Sharma delivered an invited lecture on “Bibliography, reference and citations management - essential part of research writing” on 6th July 2020, for virtual FDP organized by University of Agricultural Sciences, Dhadwad, Karnataka.




UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD
NAHEP-Institutional Development Plan
Virtual Soft Skill Development Programme
on
Scientific Writing in Social Sciences

Date: 6 July 2020 **Time : 09.30 AM to 01.30 PM**


Resource Persons




Dr. Rajendra Prasad
Principal Scientist
IARI, New Delhi




Dr. Richa Sharma
Asst. Prof. (Biotech)
Sharada Univ., Nodia



Dr. Ram S. Chaurasiya
Res. Scientist,
String Bio Private Ltd., B'luru



Yateendra Joshi
Former Senior Fellow
World Institute of Sustainable Energy



Dr. P. Krishnan
Principal Scientist (Research System
Management) ICAR, NAARM- Hyderabad

2. Dr. Saurabh Jha and Dr. Amit K Singh organised webinar with Sharda University Alumnus Mrs. Ankita Dwivedi Mishra on 9th June 2020.

SHARDA UNIVERSITY
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SCHOOL OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
INVITES YOU FOR A WEBINAR ON

TOPIC
AN ENTREPRENEURIAL APPROACH TO CAREER DEVELOPMENT IN 21ST CENTURY

09th June 2020 | 12:20 PM – 1:00 PM

 Speaker Mrs. Ankita Dwivedi Mishra Director, Martiens, Pune	 Convener Prof. Parma Nand Dean School of Engineering & Technology	 Co-Convener Dr. Amit Kumar Singh HOD, Department of Biotechnology School of Engineering & Technology	 Entrepreneurship Coordinator & Moderator Dr. Saurabh Kumar Jha Assistant Professor, Biotechnology
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Join Zoom Meeting: <https://us04web.zoom.us/j/75790386564?pwd=c2pXY1ZKZmU2S1NXQ0ZLBktxK2UyQT09>
Meeting ID: **757 9038 6564** | Password: **3vEZYe**

3. Dr. Saurabh Jha and Ms. Monika Jain organised Coffee with Star Alumni with Dr. Nilisha Pokhrel on 15th May 2020.

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SCHOOL OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
INVITES YOU FOR A WEBINAR

TOPIC
COFFEE WITH STAR ALUMNI

FROM TEXT BOOK BIOLOGY TO BIOTECH INDUSTRY -
RESEARCH, DISCOVERIES AND INDUSTRIAL IMPLEMENTATION

15th May 2020 | 9.00 AM - 9.40 AM

 Speaker Dr. Nilisha Pokhrel B.Tech. (Biotechnology) Batch 2011-15 Postdoctoral Fellow Molecular Enzymology Division, New England Biolabs (NEB)	 Convener Dr. Parma Nand Dean School of Engineering & Technology	 Alumni Coordinator & Moderator Dr. Saurabh Kumar Jha Assistant Professor Department of Biotechnology
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Event Co-ordinator: Ms. Monika Jain, Assistant Professor, Department of Biotechnology

4. Ms. Monika Jain, Dr. Saurabh Jha and Dr. Amit K Singh organised webinar “Glimpses of the world of molecule” with Sharda University Alumnus Mr. Arjun Bhatta on 22nd June 2020.

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SCHOOL OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
INVITES YOU FOR A STAR ALUMNI WEB-TALK ON

TOPIC
GLIMPSES OF THE WORLD OF MOLECULES

22th June, 2020 | 11.00 AM to 11.40 AM | Zoom meeting

 <p>Speaker Mr. Arjun Bhatta B.Tech. (Biotechnology) Batch 2014-18 Ph.D. Fellow in Max Plank Institute, Germany</p>	 <p>Convener Prof. Parma Nand Dean School of Engineering & Technology</p>	 <p>Co-Convener Dr. Amit Kumar Singh HOD, Department of Biotechnology School of Engineering & Technology</p>	 <p>Alumni Coordinator Dr. Saurabh Kumar Jha Assistant Professor - Biotechnology</p>	 <p>Event Coordinator & Moderator Ms. Monika Jain Assistant Professor Department of Biotechnology School of Engineering & Technology</p>
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5. Dr. J. Muthukumaran, Dr. Saurabh Jha and Dr. Amit K Singh organized Webinar on “P3 medicine could transform healthcare” on 18th June 2020.

SHARDA UNIVERSITY
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SCHOOL OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
INVITES YOU FOR A WEBINAR ON

TOPIC
P3 MEDICINE COULD TRANSFORM HEALTHCARE

18th June, 2020 | 2:00 PM to 4:00 PM

 <p>Speaker Dr. Chakradhara Rao Satyanarayana Uppugunduri Scientific II - Department of Pediatrics, Obstetrics and Gynaecology University of Geneva, Switzerland</p>	 <p>Convener Prof. Parma Nand Dean School of Engineering & Technology</p>	 <p>Co-Convener Dr. Amit Kumar Singh HOD, Department of Biotechnology School of Engineering & Technology</p>	 <p>Coordinator & Moderator Dr. Saurabh Kumar Jha Assistant Professor - Biotechnology</p>	 <p>Organizer Dr. J. Muthukumaran Assistant Professor - Biotechnology</p>
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6. Dr. Richa Sharma, Dr. Monika Jain, Dr. Saurabh Jha and Dr. Amit K Singh organized “Virtual Farewell” for BTech Biotech 2020 Passout batch on 21st June 2020.



SHARDA UNIVERSITY
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SCHOOL OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
organizes

VIRTUAL FAREWELL
IN THE TIME OF COVID-19

21th June, 2020
4:00 PM to 5:30 PM

CONVENER
Prof. Parma Nand
Dean
School of Engineering & Technology

CO-CONVENER
Dr. Amit Kumar Singh
HOD, Department of Biotechnology
School of Engineering & Technology

EVENT COORDINATOR
Dr. Saurabh Kumar Jha
Assistant Professor, Biotechnology

EVENT CO-COORDINATOR
Dr. Richa Sharma
Assistant Professor - Department of Biotechnology
School of Engineering & Technology

CLASS COORDINATOR (2016-2020)
Ms. Monika Jain
Assistant Professor - Department of Biotechnology
School of Engineering & Technology

STUDENTS DETAILS OF BIOTECHNICAL CLUB "DNAWESOME"
Nancy Gupta - President of BioTechnical Club | Aditya Narayan Jha - Secretary of BioTechnical Club | Shubham Kumar Shrivastava - Joint Secretary of BioTechnical Club
Ekampreet Singh - Vice President of BioTechnical Club | Nikita Sharma, Tirtharaj Datta & Lavanya Pathak - Core member of BioTechnical Club

7. Ms. Monika Jain and Dr. Amit K Singh were Resource Persons for a webinar by Genetics Trust - Refresher Course for Biology Teacher, on 15th June 2020.

8. Dr. Sachin Teotia was the Speaker for a Lecture series on contemporary issues in biosciences organized on 22nd June 2020 by Central University of Bihar, Motihari. His talk was titled “CRISPR/Cas9 System: an efficient approach to genome editing for crop improvement”

DEPARTMENTS ACHIVEMENTS

WEBINARS ORGANISED BY DEPARTMENT

1. Online Awareness Programme on Gender Sensitivity and Understanding of Sexual Harassment in University Structure | Department of Biotechnology, SET | 5th May 2020.

2. Career Uplift: Stem Cell & Regenerative Medicine in 21st Century_23-04-2020.

MOU SIGNED

Sharda University has signed MoUs with:

A. StemGenn Therapeutics, New Delhi

B. Pathfinder Research and Training Foundation, Greater Noida (UP).

Resource person: Dr. Saurabh Kumar Jha, Department of Biotechnology



MoU Sign Between Sharda University and Pathfinder Research & Training Foundation in the presence of Registrar(SU), Dean(SET) & Dr. Pranav Kumar(CEO of PRTF).



STUDENTS ACHIVEMENTS



Mr. Aditya Narayan Jha has been shortlisted for Internship at the premier food research institute, CSIR-Central Food Technological Research Institute, Mysore.

Conference presentations in International Conference on Biotechnology and Applied Microbiology ICBAM 2020 held on February 7-8, 2020 at Institute of Applied Medicine and Research, Ghaziabad.

1. Mulegeta Gudisa Goro, PhD student of Dr. Vimlendu Bhushan Sinha

Title: KNO_3 , NaNO_3 and NaSO_3 stress fluctuates the rate of seed germination in *Trifolium Alexandrium* L., International Conference on Biotechnology and Applied Microbiology ICBAM 2020 held on February 7-8, 2020 at Institute of Applied Medicine and Research, Ghaziabad.

2. Mr. Mikias Wondimu Mulat PhD student of Dr. Vimlendu Bhushan Sinha Title: "In silico Characterization of Dof Transcription Factors from *Eragrostis tef* depicts evolutionary relationship amongst related species", International Conference on Biotechnology and Applied Microbiology ICBAM 2020 held on February 7-8, 2020 at Institute of Applied Medicine and Research, Ghaziabad.

3. Ms. Paragati Sahai PhD student of Dr. Vimlendu Bhushan Sinha
Title: "Role of plant growth regulators in development of conservation strategies for himalayan yew (taxusbaccata)" and secured **THIRD POSITION** amongst the Oral presentation category.

International Conference on Biotechnology and Applied Microbiology ICBAM 2020 held on Feburary 7-8, 2020 at Institute of Applied Medicine and Research, Ghaziabad.



Ms TushitaBishnoi,B.Tech 4th year student got selected by Lido LearningPvt. Ltdthrough campus placement .The department congratulates and wishes her a successful and bright future.





7. Rishita Dwivedi B.Tech 4th year student has joined as trainee in Banaras Hindu University.



8. Pratiksha Kumari B.Tech 4th year student has joined as trainee at ICMR (National Institute of Malaria Research).

AIMA
ALL INDIA MANAGEMENT ASSOCIATION

MAT-Score®
Management Aptitude Test

TEST MONTH & YEAR : FEBRUARY 2020

REGISTRATION NUMBER : 929768

ROLL NUMBER : 102010426

NAME : RHITAMBHARA SINGH

GENDER : FEMALE

DEGREE : B.TECH

FATHER's NAME : GHAN SHYAM SINGH



DOB : 07 DECEMBER 1997

CATEGORY : OBC (NON CREAMY LAYER)

WORK EXPERIENCE : NOT WORKING

MOTHER's NAME : NAND KUMARI



Language Comprehension		Mathematical Skills		Data Analysis & Sufficiency		Intelligence & Critical Reasoning		Indian & Global Environment	
Scaled Score	Percentile Below	Scaled Score	Percentile Below	Scaled Score	Percentile Below	Scaled Score	Percentile Below	Scaled Score	Percentile Below
55.96	70.52	55.19	79.92	57.83	83.09	64.98	90.22	42.27	10.33
Composite Score		Percentile Below		SCORE VALID UPTO: FEBRUARY 2021		 DIRECTOR			
675.50		89.58							

9. Ms. Ritambhara Singh B.Tech 4th year student has scored an overall percentile of 89.58 in MAT 2020

GATE 2020 Result

Name: **NEETESH CHAUHAN**

Registration Number: **BT20S33038397**

Gender: **Male**

Examination Paper: **Biotechnology (BT)**

Sections:

Marks out of 100[#]: **47.67**

Qualifying Marks^{##}: **30.7** (General/EWSBC (NCL)), **27.6** (SC/ST/PwD)

All India Rank in this paper: **235**

GATE Score: **598**

* Normalized marks for multisession papers (CE and ME)

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which a valid Category Certificate, if applicable, is produced along with this scorecard.

Note:

- The marks and score provided here are for information only.
- An electronic or paper copy of this document is not valid for admission.
- The official GATE 2020 Score Card can be downloaded from the GOAPS site between March 20, 2020 and May 31, 2020 by the qualified candidates only.
- For the papers CE and ME, qualifying marks and score are based on "Normalized Marks".

GATE 2020 Result

Name: **RAJAT KUMAR JHA**

Registration Number: **BT20S33005231**

Gender: **Male**

Examination Paper: **Biotechnology (BT)**

Sections:

Marks out of 100[#]: **39.67**

Qualifying Marks^{##}: **30.7** (General/EWSBC (NCL)), **27.6** (SC/ST/PwD)

All India Rank in this paper: **656**

GATE Score: **481**

* Normalized marks for multisession papers

5. Mr. Nitesh Chauhan B.Tech 4th year student has secured an All India rank of 235 in GATE BT 2020.

6. Mr. Rajat Kumar Jha B.Tech 4th year student has secured an All India rank of 656 in GATE BT 2020.

EDITORIAL BOARD :

DR. SAURABH KUMAR JHA

PRAGATI MAHUR (2016011684)

ABHISHEK SHARMA (2016007326)