

E- NEWSLETTER

DEPARTMENT OF BIOTECHNOLOGY



About The Niet

Noida Institute of Engineering & Technology (NIET), Greater Noida was established in the year 2001. It is the first autonomous institute of AKTU. The eminent visionaries of City Educational & Social Welfare Society, Meerut, started NIET with a vision to provide value based higher education. NIET has been awarded 43rd Rank in Pharmacy & 171 Rank in Engineering in National Institutional Ranking Framework (NIRF) in 2021 as awarded by Ministry of HRD, Government of India. Institute is accredited by NAAC with CGPA of 3.23 on four-point scale at 'A' Grade and NBA for (BT, CSE, ECE, ME, IT, and B. Pharm). NIET was awarded by PTC as its 1st centre of excellence institute in India in 2018 to have established labs on industry 4.0. NIET has added another feather to its cap in the year 2020 with "Best PTC COE in India" award. Noida Institute of Engineering & Technology, Gr. Noida is one of those successful colleges who have always worked towards bridging the gap between industry and academia; and to provide students with the best of facilities to make them employable. NIET has been associated with PTC University since 2015 and has well modernized Smart Manufacturing Labs, Automation Lab, Product Design & Development Lab, Validation Lab, Reverse Engineering Lab, Rapid prototyping Lab, Robotics Lab, IOT Lab, Virtual Reality Lab and Augmented Reality Lab. The institute covers an area of 13.9 acres with lush green ambience. The campus provides an inspirational atmosphere for learning. The institute aims to nurture the potential of young students to the fullest and consecutively teachers make their full efforts to improve education. The Institute excels in all the parameters earmarked by AKTU, Lucknow (U.P.), AICTE and MHRD, Govt. of India, New Delhi. NIET Gr. Noida recognized in the band of "EXCELLENT" under the category Colleges/Institutes (Private)/self-financed (Technical) in ARIIA 2021. NIET is also awarded with DIAMOND subject rating in Engineering 2021 by QS IGAUGE.

ABOUT THE DEPARTMENT

The Department of Biotechnology was established in the year 2012, approved by All India Council For Technical Education (AICTE), MHRD, Govt. of India. The department is NBA accredited and got the extension till June 2025. The department offers bachelor and master's degree in biotechnology. The department has well equipped labs and the infrastructure which are regularly upgraded for carrying out innovative projects and R&D activities. The department has well qualified teachers with a broad research experience. The students are enthusiastic and highly motivated. The Department of biotechnology has always been known for creating an ambiance where scholars flourishes. Faculty members of the department are not only engaged in trending technology research but are also very passionate about the teaching and learning process.

VISION AND MISSION

VISION

To become a prime influencer in the field of Biotechnology and provide a vibrant learning environment to the students that will have a trans-formative impact on the society in terms of academics, research, and entrepreneurship.

MISSION-

M1:- To create educational experience targeted on a deep understanding of interdisciplinary sciences & engineering with the focus on development of industry aligned skills.

M2:- To expertise in research, innovation and entrepreneurship supporting the overall growth of the biotechnology academia and industry.

M3:- To inculcate leadership qualities in students to handle competitive edge, social & ethical challenges for a better world.



DEPARTMENT ACHIVEMENTS



1- The department had the NBA visit on 18th February 2022 and got the extension for next three years till 30/06/2025.



2- Divyanshi Singhal and Ranjeet Singh of B.Tech final year qualified GATE Biotechnology 2022.

3- Four new faculty intake with specialization in emergent technologies.

4- The department has signed a MoU with C3 healthcare, Vasundhara Enclave, Delhi.

5- The department has got six research publications during the even semester of session 2021-2022 and many more publications are still in review phase.

6- 50% of students of batch 2018-22 got placed in various MNC's across India and many more companies are still visiting for the placement drive.

NEW FACULTY INTAKE



Dr. Chhaya Agarwal
Assistant Professor
Specialization- Environmental Science



Dr. Vikas Sharma
Assistant Professor
Specialization- Industrial Biology



Ms. Shalakha Singh
Assistant Professor
Specialization- Nanotechnology



Mr. Neeraj Agarwal
Assistant Professor
Specialization- Bioinformatics



"EBULLIENCE 2K22"

NIET organizes annual sports meet on 24th and 25th March 2022. Active participation of students from Department of Biotechnology were seen and secured good position in different sports activities.



Athletics

Shivangi Maurya (3rd year)
secured 1st position

Shotput

Priyanka Rajput (3rd year)
secured 3rd position

Basketball

Mansi Singh (2nd year)
secured 1st position

Table tennis (doubles)

Abhishek Mishra (2nd year)
secured 1st position

Volleyball

Nishi Mathur & Samiksha Saxena
(2nd Year) secured 2nd position
Akanksha Kar Pathak (2nd Year) secured 3rd position

Chess

Prachi Tonger (2nd year)
secured 3rd position



DNA (Dynamic NIET Association) CLUB:

DNA club endeavours to create a community of students to enhance their skills in extracurricular activities as well as in the emerging field of biotechnology by organising various activities like guest talks, seminars, workshops, quizzes, cultural events etc.



BIOTRENDZ "ADVANCEMENT & CHALLENGES IN SCIENCE AND TECHNOLOGY"

Program/Activity Name: International Conference (Virtual) on BioTrendz “Advancement & Challenges in Science and Technology”

Program Type: International Conference

Theme: Advancement & Challenges in Science and Technology

Number of students Participants: 122

Number of Faculty Participants: 12

On 24th February 2022, Department of Biotechnology, NIET in association with the Institution Innovative Council (IIC) organized an International Conference (Virtual) on BioTrendz “Advancement & Challenges in Science and Technology”. The event was focused to provide a platform to create awareness about the novel and fundamental advances in the field of biotechnology. The event was co-ordinated by Dr. Arvind Kumar, Associate Professor and Dy Head, Dr. Fahad Khan, Assistant Professor and Mr. Ramish Maqsood, Assistant Professor



INDUSTRIAL VISIT AT PHARMA SYNTH FORMULATION PVT.LTD

Program/Activity Name: Online Industrial visit at Pharma Synth formulations pvt.ltd.

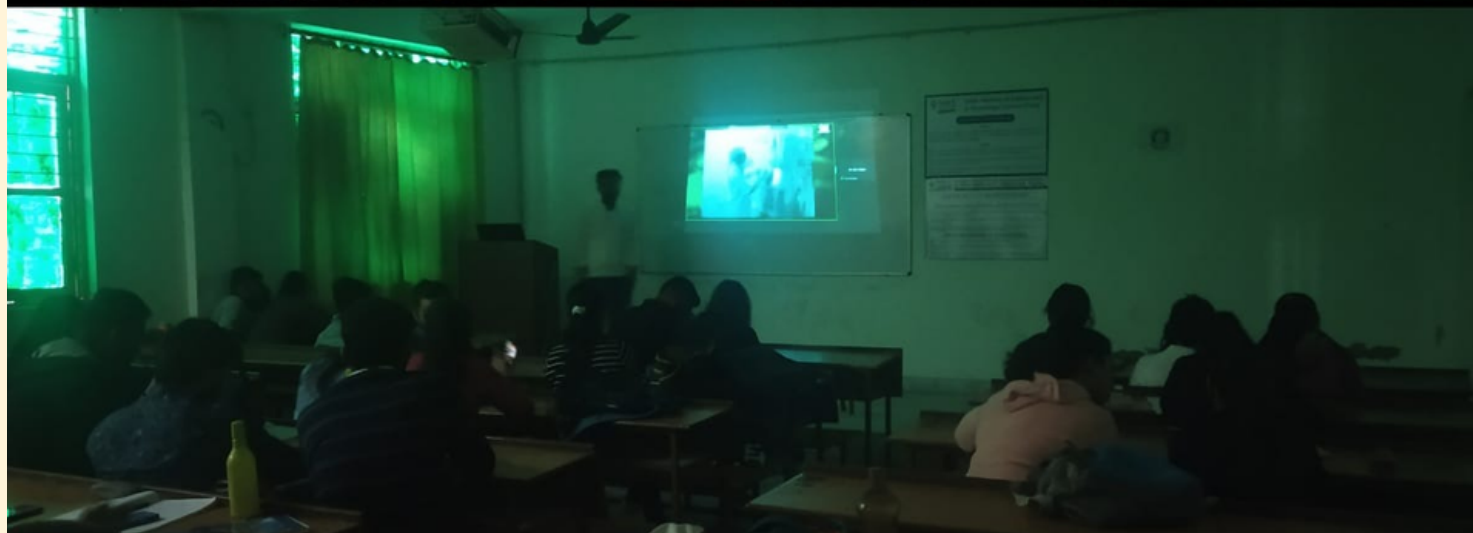
Program Type: Industrial Visit

Theme: Pharmaceutical manufacturing unit

Number of students Participants: 65

Number of Faculty Participants: 12

The Department of Biotechnology organized an online industrial tour for the Students of B. Tech second and third year at Pharma Synth Formulations Limited, Haridwar, Uttarakhand. The visit was conducted on 22nd February 2022 in an online mode. This online visit enabled the students to correlate their theory and practical application in pharma manufacturing field. The event was co-ordinated by Mr. Ramish Maqsood, Assistant Professor & DSW Co-ordinator of the department.



ONLINE SESSION ON "ANGEL INVESTMENT/VC FUNDING OPPORTUNITIES FOR EARLY-STAGE ENTREPRENEURS"

Program/Activity Name: Online session on “Angel Investment/VC Funding Opportunities for Early-Stage Entrepreneurs”

Program Type: Guest Talk

Theme: “Angel Investment/VC Funding Opportunities for Early-Stage Entrepreneurs”

Number of students Participants: 56

Number of Faculty Participants: 13

The Department of Biotechnology in association with NIET-IIC organized an Online Session entitled “Angel Investment/VC Funding Opportunities for Early-Stage Entrepreneurs” on Friday, 22 April 2022. The session was delivered by Mr. Mahip Singh, Head, Innovation Hub, AKTU Lucknow. He talked about a venture capital fund of Rs. 1000 Crore which was launched under the Department of Pharmaceuticals, to support start-ups in the Research and Development in the biotech industry. This talk let students to provide the information regarding various opportunities in innovation, startups and entrepreneurship. The event was co-ordinated by Dr. Arvind Kumar, Associate Professor and Dy Head of the department.



TALK ON BIOSAFETY AWARENESS

Program/Activity Name: Talk on biosafety awareness

Program Type: Guest Talk

Theme: Biosafety Awareness

Number of students Participants: 70

Number of Faculty Participants: 12

The Department of Biotechnology had organized a webinar on “BIOSAFETY AWARENESS”. The webinar was conducted by ESCO Life Sciences. The organizer of webinar was Eshan Belliappa, Marketing Executive of ESCO Life Sciences and the talk was delivered by Ms. Sanjana Vardaraj, Business Development Executive of ESCO Life Sciences . The objectives of webinar was to understand the definition and principle of biosafety cabinets, laminar air flow cabinets and fume hoods and to distinguish the key difference between biological safety cabinets, laminar flow cabinets and fume hood in terms of their application suitability and working principle. The event was co-ordinated by Mr. Ramish Maqsood, Assistant Professor & DSW Co-ordinator of the department.



TALK ON POLLUTION CONTROL AND AWARENESS

Program/Activity Name: Talk on Pollution Control and Awareness

Program Type: Guest Talk

Theme: Environmental Pollution

Number of students Participants: 50

Number of Faculty Participants: 12

On 26th February 2022, Department of Biotechnology, NIET in association with Institution Innovative Council (IIC) organized an online guest talk on Pollution Control and Awareness. The aim of the event was to spread awareness regarding importance of reducing environmental pollution with real life ideas being applied by different organizations. The keynote speakers were Mr. Jagdish Negi and Mr. Neeraj Joshi. The speakers also talked about Environmental Pollution and significance of involvement of new generation in reducing the environmental pollution. The event was co-ordinated by Dr. Arvind Kumar, Associate Professor and Dy Head of the department.



TALK ON WORLD TRADE ORGANIZATION

Program/Activity Name: Talk on World Trade Organization

Program Type: Guest Talk

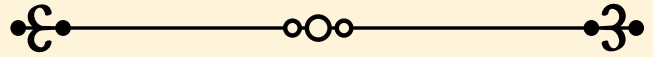
Theme: World Trade Organization

Number of students Participants: 51

Number of Faculty Participants: Nil

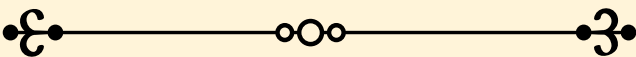
On 29th April 2022, Department of Biotechnology organized a Guest talk of Mr. Jayant to let students know about “World Trade Organization – Trade reforms in the past few decades”. This talk was important in spreading awareness regarding reformations in trade during the past few decades and make students to analyze, distinguish themselves and to defend their argument in professional interviews. The event was co-ordinated by Mr. Ramish Maqsood, Assistant Professor & DSW Co-ordinator of the department.





HAPPY FAREWELL 2022 HAPPY

The students of 3rd year biotechnology department, NIET organised a farewell party to the students of B.Tech final year on 13th May 2022. The function had begun with the theme “every ending has a new beginning” and followed by fun games for Mr and Ms. Farewell competition. Divyanshi Singhal and Shreshth Sharma became Mr and Ms farewell after winning the different rounds of the competition. The students were felicitated by HOD biotechnology Dr. Rashmi Mishra. She delivered a motivational speech and wished students for their good future ahead.



HAPPY

FAREWELL 2022

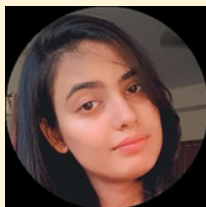
HAPPY



EDITORIAL TEAM



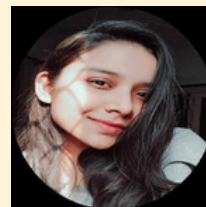
Mr. Ramish Maqsood
Chief Editor



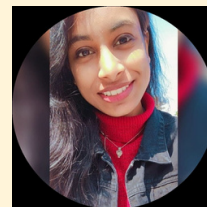
Simran Singh
2nd Year Student Co-ordinator



Shivam Chauhan
2nd Year Student Co-ordinator



Samiksha Saxena
2nd Year Student Co-ordinator



Shalini Singh
2nd Year Student Co-ordinator

