



AMITY UNIVERSITY

MADHYA PRADESH

Amity School of Biotechnology

2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

S.No.	Institute/school	Name of activity under experiential learning(industrial visit, internship, dissertation, field work and military training)	Name of activity under participative learning / problem solving methodologies(hands- on workshop,	Date of activity
1	AIB	Guest Lecture on “Technological Advancement and Their Applications in Startup”	Guest Lecture	20-06-2024
2	AIB	3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology (INT-BIONANO-2024)	Conference	March 5-6, 2024
3	AIB	Poster and model making competition (in association with MBSI)	Workshop	26th Oct 2023
4	AIB	4th Hands-On-Training On Advance Techniques In Molecular Biology, Medical Biotechnology, Industrial Microbiology And Bioinformatics	Workshop	2-8November, 2023
5	AIB	Guest Lecture on Entrepreneurship as a Career Opportunity	Guest Lecture	26-02-2024
6	AIB	Guest Lecture on “Young Minds and Entrepreneurship”	Guest Lecture	25-04-2024
7	AIB	Entrepreneurship and job scenario of biotech sector in India	Seminar	20-09-2024



8	AIB	Celebration of National Education Day: Guest Lecture by Prof.(Dr.) D.D. Agarwal, Department of Chemistry, Jiwaji University, Gwalior	Guest Lecture	11-11-2024
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Institute's Innovation Council

Report of Event/Activity

Name of Event/Activity:	Guest Lecture on "Technological Advancement and Their Applications in Startup"
Date:	20.06.2024
Venue:	Room No-101 Block-B, AUMP, Gwalior, MP
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior
Co-ordinator:	Prof. (Dr.) Raghvendra Saxena, AIB Dr. Neha Sharma, Asso.Professor, AIB
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Seminar
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	Institutional
Whether it is sponsored (Yes/ No):	No
If Yes then Sponsor Name and Details:	Not Applicable
Resource Person Details:	PROF. (DR.) VIVEK JAGLAN, Director-ASET, AUMP, Gwalior, M.P.

Brief Report of the Activity:

- (i) **Introduction (250-300 words):** The Amity Institute of biotechnology has organized the expert lecture on the thrust area of technology innovation, development and their applications, especially entrepreneurship and startups.



Biotechnology industry in India is one of the fastest growing knowledge-based sectors. The various applications of biotechnology related products have tremendous impacts on human health and environment.

In the contemporary global scenario, the technology has taken its place as indispensable, leading to economic benefits, better health care, agriculture and socioeconomic augmentation and many more dimensions of the society.

Entrepreneurship and startups exhibit deep impact on socioeconomic augmentation and sustainability. Therefore, realizing the importance and potential of entrepreneurship and startups, it is important to impart awareness and encouraging the young students for choosing entrepreneurship and standing up with startups for better career option in order to serve the nation and society.

This event is organizing under the aegis of **Institutional innovation council (IIC) ministry of HRD Initiatives** and **Amity Innovation Incubator by Amity Institute of Biotechnology, AUMP.**

(ii) Aims/Objective(s) (100 Words):

- The objective of the guest lecture was to expose students with holistic and comprehensive knowledge of the entrepreneurship/startups and technological interventions.
- The lecture aimed to aware students about challenges, limitations and opportunities in Startup/entrepreneurship and insight of emerging new technologies.
- The lecture motivated the students to choose entrepreneurship/Startups as a career.

(iii) No of Faculty Participants: 09

(iv) No of Student Participants: 50

(v) Highlights of the Event/Activity (100 Words): Challenges, Opportunities, Examples, Future prospects etc.

The speaker emphasized on the importance of internet as a powerful tool for market exploration and competitive analysis. He explored various digital platforms for startups. Prof. Jaglan, highlighted the most contemporary technological innovations including artificial intelligence to be applied in success of startups. He emphasised on the delicate balance of technology and business for economic benefits. He also explained the future of technology development to the quantum level, where information can be analysed and processed in very short time and providing the opportunity to develop startups as per need of market and people preferences for better success of business model.



He discussed various market strategies and challenges in entrepreneurship development and setup startups. Students and research scholars actively participated in the event and had a fruitful discussion on various challenges about entrepreneurship.

(vi) Outcome(s):

- The event provided an opportunity to directly interact with expert to identify the key areas of startups and roadmaps for entrepreneurship development.
- Students were sensitized for new ideas and their subsequent applications in startups
- Research Scholars and Students have learnt about different aspects of entrepreneurship such as challenges, opportunities, team building etc.
- Students were made aware for various limitations, challenges and opportunities for startups and entrepreneurship development.
- Students developed understanding for use of technological applications, use of various platforms for success of startups.
- Motivated the students to work for startups as potential career opportunities.

(vii) Recording Link (Youtube/Zoom/MS Team):

Pre-event Link:https://www.linkedin.com/posts/prof-dr-vivek-jaglan-26568253_expert-talk-technological-advancement-activity-7209936410064130048-duaX?utm_source=share&utm_medium=member_desktop

Post Event Link:

https://www.linkedin.com/posts/amityuniversitygwalior_amityhappenings-biotechnology-techinnovation-activity-7211708796774096896-n7b?utm_source=share&utm_medium=member_desktop

<https://www.facebook.com/share/p/CQt98UF2Y7EYx2cL/?mibextid=oFDknk>

(viii) Enclosures (Brochure/Flyer): Attached



INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

AMITY UNIVERSITY GWALIOR

AMITY INNOVATION INCUBATOR

Amity Institute of Biotechnology

Expert Talk On
“Technological Advancement And Their Applications In Startup”

20th JUNE 2024

11:10 AM ONWARDS
 Room no. 101, Block-B,
 Amity Institute of Biotechnology,
 Amity University, Gwalior, MP

Speaker:
PROF. (DR.) VIVEK JAGLAN,
 DIRECTOR-ASET, AUMP,
 GWALIOR, M.P.

Faculty Coordinators:
 Prof. (Dr.) Vinay Dwivedi, Director-AIB: 9868421746
 Prof. (Dr.) Raghvendra Saxena: 9753316861
 Dr. Neha Sharma, Associate Professor: 8120140568

(ix) Attendance Sheet (Participants):

(x) Photographs:





Guest speaker Prof. (Dr.) Vivek Jaglan, Director-ASET, AUMP delivering expert talk.



Guest speaker Prof. (Dr.) Vivek Jaglan, Director-ASET, AUMP, interacting with students.



Prof. (Dr.) Vinay Dwivedi, Director AIB, giving concluding remark.



Group Photo

(xi) Sample Certificate (if any): Nil

(xii) Sample Feedback: Students were highly satisfied with the expert talk.

OUTCOME REPORT

of

3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology (INT-BIONANO-2024)

March 5-6, 2024

Organised

by

Amity Institute of Biotechnology, Amity University Madhya Pradesh

General Information:

1. Date of Event- 5-6 March2024
2. Venue-Online: Online Platform (Zoom and Google Meet)
3. Organized by Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior.
4. TotalParticipation: 169 registered participants and 350 (approx.) students and faculty members attended the international conference (Int-BIONANO 2024).
5. Moderator(s)/Event Coordinator/Resource Persons -.

Convener/Host-Prof. (Dr.) Vinay Dwivedi, Director, AIB, Amity University Madhya Pradesh, Gwalior (MP).

Co-Conveners- Dr. Vikas Shrivastava, Dr. Raghvendra K. Mishra, Dr. Anurag Jyoti,

Organizing Secretaries: Dr. Raghvendra Saxena, Dr. Manish Kumar, Dr. Neha Sharma, Dr. Raman Singh, Dr. Asha Singh, Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior MP.

Joint organizing secretaries: Dr. Surendra Singh Parihar

Inauguration Session (Hybrid mode): The inauguration session was conducted in the presence of Chief Guest Prof. (Dr.) P.S. Bisen, Former Vice Chancellor, Jiwaji University, Gwalior, MP, Guest of honor addressed by Dr. A. K. Meena, Institute In-charge, CCRAS-Regional Ayurveda Research Institute, Gwalior, and dignitaries.



6. **Valedictory Session (Online mode):**The valedictory session was conducted in the presence of Chief guest Dr. Channegowda M.VSc. Vice president Technical, Zeus Biotech Private Limited, Mysuru, Karnataka, and other dignitaries.

7. Details of Expert/Speaker

1. Keynote speaker: Prof. (Dr.) Mukesh Dubey

- a. Organization: Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden
- b. Designation: Associate Professor
- c. Specialization: Plant Molecular biology, Plant pathogen interactions
- d. Country Name: Sweden

Recognition & Awards

- a. He has published more than 50 research publications in international and national reputed journals.
- b. He has supervised 6 Postdoctoral researchers, 7 PhD students, 7 Visiting PhD students, and more than 20 masters and bachelor students.
- c. He has delivered more than 15 lectures as a guest Speaker at the national and international Conferences.
- d. He has also served as Senior Editor and Reviewer for many international and National journals.
- e. His current research interests include mycology, plant microbial interaction and plant pathology.

2. Keynote speaker: Dr. S.I. Alam

- a. Organization: Defence R & D Establishment, DRDO, Gwalior, MP
- b. Designation: Scientist "F"
- c. Specialization: Plant Molecular biology, Plant pathogen interactions
- d. Country Name: India

Recognition & Awards

- a. He has completed his Ph.D. in Microbiology and has acquired more than 30 years of research experience.
- b. His area of research includes bioremediation of organic waste in high altitude regions, bacterial systematics, disease proteomics, and detection of biothreat agents using tandem mass spectrometry.
- c. He has described two new species of bacteria from Antarctica.
- d. He has more than 80 publications in various international journals.
- a. He has represented India on various International Platforms pertaining to disarmament and scientific collaborations.
- e. He is currently engaged in developing bio-verification strategies for the unambiguous identification and characterization of known, unknown and advanced pathogens of biowarfare significance.
- f. advanced pathogens of biowarfare significance.



3. Guest of Honour: Dr. A. K. Meena,

- a. Organisation: CCRAS-Regional Ayurveda Research Institute, Gwalior
- b. Designation: Institute In-charge,
- c. Specialisation: Herbal Medicine
- d. Country Name: India

1. Invited Expert Name: Dr. Pranab Kumar Mandal

- a. Organisation: National Institute for Plant Biotechnology (NIPB) LBS Centre, Pusa, New Delhi
- b. Designation: Principal Scientist
- c. Specialisation: Plant Biochemistry and molecular biology, Crop improvement
- d. Country Name: India

2. Invited Expert Name: Dr. Siddarth Tiwari

- a. Organization: National Agri-Food Biotechnology Institute, Chandigarh
- b. Designation: Scientist F
- c. Specialization: Food science Technology, Food crop biotechnology
- d. Country Name: India

3. Invited Expert Name: Dr. Tanushri Kaul

- a. Organization: International Centre for Genetic Engineering and Biotechnology,
- b. New Delhi
- c. Designation: Group leader
- d. Specialization: Plant Biotechnology, Molecular markers
- e. Country Name: India

4. Invited Expert Name: Dr. Rajesh Patel

- a. Organisation: Department of Biosciences, Veer Narmada University, Gujarat
- b. Designation: Professor
- c. Specialization: Bioinformatics, Metagenomics and Metabolomics.
- d. Country Name: India

5. Invited Expert Name: Dr. Baskar Venkidasam

- a. Organisation: Saveetha University, Chennai 77, Tamil Nadu, India
- b. Designation: Associate Professor
- c. Specialization: Biochemistry
- d. Country Name: India

6. Invited Expert Name: Prof. (Dr.) Mukesh Gupta

- a. Organisation: ICMR-NARFBR, Genome Valley, Shamirpet (M), Hyderabad, Telangana



- b. Designation: **Director**
 - c. Specialization: Medical biotechnology
 - d. Country Name: India
7. Invited Expert Name: **Dr. Brajesh Kumar**
- a. Organisation: TATA College, Kolhan University Chaibasa-833202, Jharkhand, India
 - b. Designation: Professor and Head
 - c. Specialization: Green chemistry.
 - d. Country Name: India
8. Invited Expert Name: **Dr. Muthu Thiruvengadam**
- a. Organisation: Department of Crop Science, College of Sanghuh Life Science, Konkuk University, Seoul 05029, South Korea
 - b. Designation: Associate Professor
 - c. Specialization: Crop physiology and biochemistry
 - d. Country Name: South Korea
9. Invited Expert Name: **Dr. Anurag Sharma**
- a. Organisation: Department of Environmental Health and Toxicology at Nitte University Centre for Science Education Research (NUCSER), Nitte (Deemed to be University), Mangalore, Karnataka Designation: Associate Professor
 - b. Specialization: Environmental Health and Toxicology
 - c. Country Name: India
10. Invited Expert Name: **Prof. (Dr.) Pankaj Rai**
- a. Organisation: Invertis University, Bareilly, U.P.
 - b. Designation: Associate Professor
 - c. Specialization: Microbiology
 - d. Country Name: India
11. Invited Expert Name: **Dr. Praveen Awasthi**
- a. Organisation: Department of Plant Molecular Physiology, Institute of Bioorganic Chemistry, Polish Academy of Science, Poznan, 61704, Poland
 - b. Designation: Post-Doctoral Researcher
 - c. Specialization: Plant Molecular Physiology
 - d. Country Name: Poland



- 12. Invited Expert Name: Dr. Naresh C Bal**
- a. Organisation: KIIT University, Bhubaneswar, India
 - b. Designation: Associate Professor
 - c. Specialization: Metabolic disease and disorders
 - d. Country Name: India
- 13. Invited Expert Name: Dr. Atul Sharma**
- a. Organisation: Department of Critical Care and Respiratory Care Division of Anaesthesiology, Critical Care & Pain Medicine, University of Texas MD Anderson Cancer Centre, Houston, TX 77030, USA
 - b. Designation: Assistant Professor
 - c. Specialization: Critical Care and Respiratory care
 - d. Country Name: USA
- 14. Invited Expert Name: Dr. Sai Majji**
- a. Organisation: The National Institutes of Health, Rockville, Maryland, United States
 - b. Designation: Health Scientist Administrator
 - c. Specialization: Health Administration
 - d. Country Name: USA
- 15. Invited Expert Name: Dr. Arkarup Banerjee**
- a. Organisation: Cold Spring Harbor Laboratory, USA
 - b. Designation: Assistant Professor
 - c. Specialization: Neurobiology
 - d. Country Name: USA
- 16. Invited Expert Name: Dr. Anuj Sharma**
- a. Organisation: U.S. Department of Health & Human Services, Washington DC- Baltimore, United States (USA)
 - b. Designation: Health Science Administrator,
 - c. Specialization: Health science administration
 - d. Country Name: USA
- 17. Invited Expert Name: Dr. Brajesh Barse**
- a. Organisation: MedTech, Lifesciences. Food & Agriculture New Delhi
 - b. Designation: Director
 - c. Specialization: Food technology and agriculture sciences



d. Country Name: India

18. Invited Expert Name: Dr. Rahul Shrivastava

a. Organisation: Department of Bioscience Engineering, MANIT, Bhopal.

b. Designation: Professor

c. Specialization: Biosensors, cancer biology

d. Country Name: India

19. Invited Expert Name: Dr. Sushma Chauhan

a. Organisation: Chemical and Biochemical Engineering, Dongguk University, Seoul South Korea and AIB, AUC, Chhattisgarh, India

b. Designation: Visiting Scientists

c. Specialization: Biotechnology

d. Country Name: India

8. Point-wise Outcome Report:

Objectives/Inspiration

Biotechnology offers an integrated approach to deal with all the aspects of Biology i.e. Health care, medical biotechnology, Animal Biotechnology, Agriculture Biotechnology, and Industrial and Environmental Biotechnology etc., through knowledge generation, innovations, and development of cutting-edge technology. Nanobiotechnology is the most emerging and promising technology utilising the properties of matters at nano-level. Keeping these aspects in mind and present prevailing pandemic conditions, where academic and research institutions are still not fully open. Amity Institute of Biotechnology (AIB) organised 3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology (Int-BIONANO-2024) on 5-6 March 2024, in hybrid mode and provided forum for scientific discussions and research display. The 3rd International Conference-(Int-BIONANO-2024) provides an interdisciplinary offline/online platform for the scientific community and budding researchers, academicians, policymakers and industry experts who are working in diverse areas of biotechnology and nano-biotechnology to discuss recent trends and challenging issues. The aim was also to discuss mitigation strategies, technological advancements, and exchange of ideas on contemporary issues. Several distinguished eminent speakers from various national and international reputed academic and research institutions and industry were invited to share their ideas and valuable inputs to the research scholars, and students in the field of Biotechnology and Nanobiotechnology. The International conference is enriched with expert lectures of distinguished eminent speakers from various reputed academic and research institutions from India and abroad.



The 3rd International Conference (Int-BIONANO-2024) was organised with the following objectives:

1. Exploring the major thrust areas of modern research in Biotechnology and Nanobiotechnology to address key issues and challenges through a multidisciplinary approach.
2. To disseminate knowledge and share experiences among leading academicians, scientists, and research scholars on thrust areas and challenges in biotechnology and nanobiotechnology.
3. To create a forum for research collaboration, discussion on the latest challenges and mutual exchange of ideas among Scientists, Research scholars, academicians, and industry experts.
4. To facilitate young students, scholars & researchers to display their research and connect themselves with the scientific community.
5. To enhance visibility of AIB and AUMP as a premiere educational institution to enhance its brand value among scientific community.
6. The publication of a abstracts book for future reference.

Distinguished Speakers

1. Guest of Honour: **Dr. A. K. Meena**, Institute In-charge, CCRAS-Regional Ayurveda Research Institute, Gwalior.

Recognition & Awards

- a. He has worked for explosive safety and audit keeping as per the current STEC regulations on various safety aspects.
- b. He has completed various Research Projects: 20 Projects as a Principal Investigator; 05 as a Co-Investigator; 40 Projects as Co-ordinator
- c. He has published, 08 Book Chapters
- d. He has supervised Ph. D. & M. Pharma and M.Sc. students.
- e. He has published more than 165 research papers in various National and International Journals of repute.
- f. He is a member of various editorial boards of different journals.
- g. He is also a member of various scientific societies.

2. **Dr. Pranab Kumar Mandal, Principal Scientist, NIPB, IARI, New Delhi**

Recognition & Awards

- a. Adjunct Professor and Faculty Council Member of UBKV, Cooch Behar, West Bengal
- b. Editorial Board member of SAARC Journal of Agriculture
- c. Editor of Journal of Plant Biochemistry and Biotechnology
- d. IBSC Member of Bayer Crop Sciences; IMC member of many ICAR Institutes
- e. Gold Medal in M. Sc. From IARI, New Delhi for outstanding Academic Performance in 1991
- f. CSIR JRF, CSIR SRF, NET; ICAR JRF and SRF, NET qualified
- g. He has published more than 90 research papers in various National and International Journals of repute.
- h. He has edited 17 books.



- i. 16 Newsletters; Technical Bulletin Including Digital Publication (Cd/Dvd); 32 Manual; 4 Popular Articles; 4 Articles in Conference / Symposia Proceedings.

3. Dr. Siddarth Tiwari, National Agri-Food Biotechnology Institute, Chandigarh

Recognition & Awards

- a. He has Visited the Institute of Plant Genetics, Polish Academy of Sciences (IPG PAS), Poznan, Poland under the India-Poland Inter-Governmental Bilateral research project.
- b. He has also visited Queensland University of Technology (QUT), Brisbane, Australia in the third series of Stewardship training on the aspect of pro-vitamin A (PVA) and iron content analysis in transgenic banana fruit samples under the BIRAC funded banana biofortification collaborative research project.
- c. He had visited QUT, Brisbane, Australia in the first Stewardship training on capacity enhancement in banana transformation and regeneration methodology under the BIRAC-funded banana biofortification collaborative research project.
- d. He has published more than 150 research papers, reviews and book chapters in the highly reputed international journal: Plant Journal.
- e. He has received “NABI Best Research Publication award” for the Year 2019-20 in the field of Agri-Biotechnology for a paper published in Metabolic Engineering, I.F. 8.4 (Kaur et al., 2020; CRISPR/Cas9 directed editing of lycopene epsilon-cyclase modulates metabolic flux for β -carotene biosynthesis in banana fruit)
- f. Received “Shining Glory Award (Science Excellence) - 2019
- g. Received “Indian Science Congress Association (ISCA) Young Scientist Award – 2010
- h. Received “Dr. YSR BioAsia Innovation Award - 2010 for Young Scientist”.

4. Dr. Tanushri Kaul, International Centre for Genetic Engineering and Biotechnology, New Delhi

Recognition & Awards

- a. She has published several research papers, reviews, and book chapters in highly reputed international journals.
- b. She has coordinated in several Research Projects (Major Grants/Research Collaboration).
- c. She is actively involved in interdisciplinary work and collaborations with different people working on different aspects of plant research.

5. Dr. Rajesh Patel, Veer Narmada University, Gujarat.

Recognition & Awards

- a. He has been awarded Young Scientist Travel Fellowship from FAOBMB, Centre for International Scientific Exchange, China's academy of science, Beijing, China.
- b. He has also been awarded fellowship from UNESCO and ICRO for International training course on RNA and Biochemistry, State Key Laboratory of Molecular Biology, Institute of Biochemistry and Cell Biology, Shanghai, China.



6. **Dr. Baskar Venkidasam**, Saveetha University, Chennai 77, Tamil Nadu, India

Recognition & Awards

- a. He has been awarded as a National Post doctoral fellow funded by DST-SERB, India.
- b. He has also been awarded National Post doctoral fellow in Bharathiar University, Coimbatore, India
- c. He has published 59 papers in internationally reputed journals with cumulative impact factor of 287 and published 8 chapters in books.
- d. He has edited a Book from Springer International, Singapore.
- e. Member of the Accelerator Users Committee of Inter-University Accelerator Centre, New Delhi,
- f. He is having several research publications in various national and international journals of repute.
- g. He is a member of several professional /Scientific committees.

- 7 **Prof. (Dr.) Mukesh Gupta**, ICMR-NARFBR, Genome Valley, Shamirpet (M),Hyderabad,

Recognition & Awards

- a. He is the author of more than 80 scientific papers and book chapters published in peer-reviewed journals and with reputed publishers.
- a. He is an Editorial Board member in the Journal of Experimental Botany, Plant Physiology
- b. and Biochemistry, BMC Plant Biology, Gene, Frontiers in Plant Science etc.

8. **Dr. Brajesh Kumar**, TATA College, Kolhan University Chaibasa-833202,

Recognition & Awards

- a. He has been credited for different national and international fellowships.
- b. He has also worked as a faculty member in various universities in India, Ecuador, and South Korea.
- c. He has published numerous SCI/ SCIE/ Scopus research articles (h index = 28, Citations 2690)
- d. He is an active reviewer of more than 50 Journals.
- e. He is the holder of two registered patents and is included in the top 2% of the scientist list prepared by experts at Stanford University, USA.
- f. He has several research publications in various national and international journals of repute.
- g. He is a member of several professional /Scientific committees.

9. **Dr. Muthu Thiruvengadam**, College of Sanghuh Life Science, Konkuk University, Seoul 05029, South Korea

Recognition & Awards

- a. He has several research publications in several national and international journals of repute.
- b. He is an Editorial Board member of several National and International Journals.



- c. Presented papers at various national and international conferences.
- d. He is a member of various scientific bodies.

10. Dr. Anurag Sharma, Nitte University Centre for Science Education Research
[NUCSER],

Recognition & Awards

- a. DST-SERB Young Scientist start-up grant awardee, 2017
- b. Japan-Asia Youth Exchange program in Science (SAKURA exchange) awardee, 2018.
- c. He is running EMR projects.
- d. He has several research publications in several national and international journals of repute.
- e. He is an Editorial Board member of several National and International Journals.

11. Prof. (Dr.) Pankaj Rai, Invertis University, Bareilly, U.P.

Recognition & Awards

- a. Awarded Young Innovation Research Award in the International conference on “Challenges and opportunities in Biotechnology for Sustainable development-2018” held at Invertis University, Bareilly, U.P. India.
- b. Awarded first prize for oral paper presentation in the International conference on “New Frontiers In Biotechnology: Science, Health & Medicine-2016, held at Invertis University, Bareilly, U.P., India.
- c. Awarded CSIR-SRF in direct CSIR-SRF Scheme in April 2013
- d. He has several research publications in several national and international journals of repute.
- e. He is an Editorial Board member of several National and International Journals.

12. Dr. Praveen Awasthi, Institute of Bioorganic Chemistry, Polish Academy of Science, Poznan, 61704, Poland

Recognition & Awards

- a. Post Doctoral Fellowship-Czech Academy of Science (PPLZ) Czech Academy of Science
- b. CSIR-SRF, Council of Scientific and Industrial Research
- c. He has several research publications more than 31 in several national and international journals of repute.
- d. He is Editorial Board member of several National and International Journals.

13. Dr. Naresh C Bal, Institute of Bioorganic Chemistry, Polish Academy of Science, Poznan, 61704, Poland

Recognition & Awards

- a. Published studies in high impact journals like Nature Medicine, Biological Reviews, and Journal of Biological Chemistry.



- b. He has been invited to present his research work at several important meetings including the Annual Scientific Meeting of The Obesity Society, 2009 and awarded with several reputed fellowships including American Physiological Society (APS), American Heart Association (AHA), National Institute of Health (NIH), Department of Biotechnology (DBT, India).
- c. He has several research publications in more than 31 national and international journals of repute.
- d. He is Editorial Board member of several National and International Journals.

14. Dr. Atul Sharma, University of Texas MD Anderson Cancer Center, Houston, TX77030, USA

Recognition & Awards

- a. Presented papers in various national and international conferences. Member of various
- b. scientific associates.
- c. He has several research publications in several national and international journals of repute.
- d. He is Editorial Board member of several National and International Journals.

15. Dr. Sai Majji, National Institutes of Health, Rockville, Maryland, United States

Recognition & Awards

- a. She has more than 50 research publications in several national and international journals of repute.
- b. She is Editorial Board member of several National and International Journals.

16. Dr. Arkarup Banerjee, Cold Spring Harbor Laboratory, USA

Recognition & Awards

- a. He is Ph.D., Neuroscience from Cold Spring Harbor Laboratory, Cold Spring Harbor, United States.
- b. He is M.Sc, Biophysics from Tata Institute of Fundamental Research, Mumbai, India
- c. He has contributions to the field include receiving a \$300,000 award to study brain circuits involved in vocalization, which could help explain how the brain drives speech. His work has been recognized through the Klingenstein-Simons Neuroscience Fellowship, which awarded him \$300,000 over three years to study singing mice.
- d. He has several research publications in several national and international journals of repute.
- e. He is Editorial Board member of several National and International Journals.

17. Dr. Anuj Sharma, U.S. Department of Health & Human Services, Washington DC- Baltimore, United States (USA)

Recognition & Awards

- a. He has a Ph.D. in Health Services Administration from the University of Maryland, Baltimore.
- b. Master's degree in public health from the Johns Hopkins Bloomberg School of Public Health.



- c. He has managed complex healthcare projects and involved in developing and implementing healthcare policies.
- d. He has several research publications in national and international journals of repute.
- e. He is Editorial Board member of several National and International Journals.

18. Dr. Brajesh Barse, MedTech, Lifesciences. Food & Agriculture New Delhi

Recognition & Awards

- a. Identifying potential stack holder for licence & agreement for newly developed technologies at DBT-ICGEB centre. - Handling patenting activities of centre.
- b. Competitive Intelligence study, Landscape analysis, IP & Patent portfolio.
- c. Provided solutions and services support to fortune 500 companies.
- d. Handled vast variety of projects in the field of Health care, Chemical and Energy, Life sciences etc.
- e. He has several research publications in several national and international journals of repute.
- f. He is Editorial Board member of several National and International Journals.

19. Dr. Rahul Shrivastava, Department of Bioscience Engineering, MANIT, Bhopal

Recognition & Awards

- a. He has a Ph.D. in biochemistry and M.Sc in biochemistry.
- b. He has guided several PhD Students and post graduated dissertation students.
- c. He has patents in his credit.
- d. He is the recipient of several prestigious fellowships and awards from agencies like the Council of Scientific and Industrial Research, India, Department of Science and Technology, India.
- e. He has several research publications in national and international journals of repute.
- f. He is an Editorial Board member of several National and International Journals.

20. Dr. Sushma Chauhan, Chemical and Biochemical Engineering, Dongguk University, Seoul South Korea and AIB, AUC, Chhattisgarh, India

Recognition & Awards

- a. She id Ph.D. in Bio-chemical engineering from Dongguk University, South Korea.
- b. She obtained a master's degree in biotechnology from Guru Ghasidas Vishwavidyalaya (Central University), India
- c. Her expertise in areas such as advanced plant biotechnology, vaccine technology, genomics and proteomics, and computational biology, She has also worked as visiting scholar at the Friedrich-Schiller University, Jena, Germany (2007-2010).
- d. Published over 23 research articles in the various reputed national and internal journals.
- e. She is an Editorial Board member of several National and International Journals
- f. She is the recipient of several prestigious fellowships and awards from agencies.

Criteria Considered for inviting the Various Individual Guests, Internal as well as External:



The criteria were to invite distinguished expert from various disciplines based on their contribution in research/academic and credentials in the thematic area of 3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology (Int-BIONANO-2024).

Were the guests in advance and if yes, from what previous interaction? Were the guests recommended by someone. If yes, who?

Yes,

The guests were informed in advance and their consent was taken to deliberate their lecture during the international conference. The distinguished Guests/experts were contacted through personal contacts made during scientific events previously conducted by AIB.

Attendees:

3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology (Int-BIONANO-2024) 5-6 March 2024, observed overwhelming response from various prestigious universities and institutions of all over the places from India and abroad. In **total 169 participants** were registered to attend the international conference. Among the registered **participants 31 were faculty and remaining 138 were students.**

In total approximately 350 attendees (including students of AIB) joined the international conference in different sessions including inaugural, technical and valedictory sessions.

'Take Homes' for the Guests and the Attendees in the form of knowledge, facts, information.

The various sessions of the 3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology (Int-BIONANO-2024) covered different thrust areas and research advances in biotechnology and nanobiotechnology, especially in the area of Plant Biotechnology, Molecular Biology, Medical Biotechnology, Bioinformatics Industrial Microbiology, Nanobiotechnology etc.

1. Chief Guest of the conference Prof. (Dr.) P.S. Bisen emphasized the use of recent technologies like artificial intelligence and machine learning in the field of biotechnology. He also discussed the emergence of Biotechnology in the country.
2. Guest of Honour Prof. (Dr.) A.K. Meena, CCRAS-Regional Ayurveda Research Institute, Gwalior discussed about contemporary research in ayurveda and health scenario in India.
3. The distinguished guest speaker, Dr. Mukesh Dubey, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden explained applications of RNAi technology in plant disease management in his Keynote address.
4. The distinguished guest speaker Dr. S. I. Alam, DRDE, Gwalior focused on the topic 'Proteomics: New Excitements'. He emphasized the mass spectroscopy based proteomic study in his keynote address.
5. The distinguished guest speaker, Dr. PranabKumar Mandal delivered lecture on the topic 'Gene Editing for Enhancing Nitrogen Use Efficiency in Cereals' for agriculture sustainability.
6. The distinguished guest speaker, Dr. Siddarth Tiwari Scientist F National Agri-Food Biotechnology Institute, Chandigarh delivered lecture on the Topic 'Plant Biotechnology Application in Crop Biofortification' especially in Banana crops.



7. The distinguished Invited guest speaker, Dr. Tanushri Kaul, ICGEB, New Delhi, focused the Nutritional improvement of crops and its importance food nutrition enhancement using RNAi techniques.
8. The distinguished Invited guest speaker Prof. (Dr.) Rajesh Patel, Veer Narmada University, Gujarat focused on the topic “Unveiling The Secrets of Nature: A Metagenomic and Metabolomic Exploration of Natural Farming inputs for Sustainable Agriculture, for natural farming system.
9. The distinguished Invited guest speaker Dr. Baskar Venkidasamy, Saveetha University, Chennai, focused on the topic ‘Glucosinolates: A Sulphur based compounds, their synthesis and application perspectives’.
10. The distinguished Invited guest speaker Dr. Mukesh Gupta delivered an invited talk on the topic ‘Chitosan-based Nanofibrous PEC for Rapid Hemostasis’.
11. The distinguished Invited guest speaker, Dr. Brajesh Kumar, Kolhan University Chaibasa delivered lecture on the topic ‘Green Synthesis of Metallic Nanoparticles and Environmental Remediation.’
12. The distinguished Invited guest speaker Dr. Muthu Thiruvengadam, Konkuk University, Seoul, South Korea delivered lecture on the topic ‘Exploring the infinite frontiers of nanobiotechnology: innovations, challenges, and applications.
13. The distinguished Invited guest speaker Dr. Anurag Sharma delivered an invited talk on the topic ‘Benzene and hematopoietic response: Drawing insights from Drosophila’.
14. The distinguished Invited guest speaker Prof (Dr.) Pankaj Rai, Inverti University, Bareilly U.P. delivered a lecture on the topic ‘Optimization of concentration of metal ions in spent- medium for Photo- Biohydrogen Production’.
15. The distinguished Invited guest speaker Dr. Praveen Awasthi, Institute of Bioorganic Chemistry, Polish Academy of Science, Poznan, Poland, delivered a lecture on the topic- ‘CRISPR toolbox for Hop Metabolic Engineering’.
16. The distinguished Invited guest speaker Dr. Naresh delivered lecture on the topic “Targeting skeletal muscle based NST towards countering metabolic diseases: Identifying mechanisms and molecules’ and pointed out some of the important skeletal muscle role towards metabolic disease management.
17. The distinguished Invited guest speaker Dr. Atul Sharma, University of Texas MD Anderson Cancer Centre Houston, USA delivered lecture on the topic ‘Mechanism of Neutrophil Extracellular Trap (NET)’.
18. Distinguished Invited guest speaker session Dr. Arkarup Banerjee, Cold Spring Harbour Laboratory, USA delivered the lecture on “How circuits of interacting neurons give rise to natural, adaptive behaviours” and discussed about cross-talk of neural circuits.
19. Distinguished Invited guest speaker Dr. Anuj Sharma, Health Science Administrator, U.S. Department of Health & Human Services delivered a talk on the topic “Implications of Misconduct in Scientific Research on Science and Researchers: A Perspective from the Office of Research Integrity.”
20. Distinguished Invited guest speaker Dr. Brajesh Barse, Food & Agriculture New Delhi delivered lecture on the topic ‘Importance of IPR in Entrepreneurship and Business development specifically in biotechnology field’.



21. The distinguished guest speaker Dr. Sushma Chauhan, Dongguk University, Seoul, South Korea and Amity University, Chhattisgarh, India delivered a lecture on the topic 'Rings of Innovation: Circular Proteins in Contemporary Biotechnology.'
22. The presentations delivered by delegates/participants during the technical sessions sensitized the researchers/participants to peruse research activities and build up innovative ideas and technological advancement on contemporary issues and their mitigation strategies.
23. Amity University Madhya Pradesh is now well recognized as a Research-oriented University working in Biotechnology and Nanobiotechnology among the scientific community, research scholars and aspiring students.
24. During the international conference, different technical sessions were enriched with informative lectures delivered by distinguished experts from reputed universities and industries. All the delegates/ participants/ research scholars and students benefited by their deliberations and showed positive responses in taking part in various sessions. This has helped in broadening the knowledge base of students and participants with respect to the status and future of the biotech industry.

Tangible Gains for the Faculty, Researchers and Students of Amity.

The tangible gains:

1. 3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology (Int-BIONANO-2024) 5-6 March 2024, received wide publicity among the scientists, academicians and research students working in life sciences through various publicity means, Emails, social media and through direct communication means etc.
2. Amity Institute of biotechnology, Amity University Madhya Pradesh got a wide appraisal from distinguished guest speakers and shown interest for possible collaboration in research activities including funded research projects.
3. Distinguished Guest/Expert speakers also shown interest to take up AIB students for SIP/ Major projects in their institutions.
4. The Abstract book was distributed among all the participants of the international conference. Abstract book was released during the inaugural session of 3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology (Int-BIONANO-2024). It consisted of approx. 135 abstracts of participants and 17 abstracts of invited speakers and 02 abstracts of keynote speakers, covering major thrust area of biotechnology and Nanobiotechnology for future reference. This will provide wide publicity of Amity University Madhya Pradesh among scientists, researchers, and academicians.
5. The 3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology (Int-BIONANO-2024) 5-6 March 2024, received wide publicity through Social media, Emails, personal interaction etc., among the various Universities, Institutes and Colleges. This has helped in brand building of AUMP.
6. The International Conference (Int-BIONANO 2024) received wide print coverage and it was covered by most of the leading newspapers of MP including, Navbharat, Swadesh, Raj Express etc. This will help in gaining mass attention of students and their parents leading to more admissions in forthcoming session of AUMP.



7. The faculty members and students from various Universities and Institutions all over the India and Abroad such as, Karaganda Medical University, Karaganda, Kazakhstan, Institute of Environmental Science, University of Rajshahi, Rajshahi 6205, Bangladesh, Delhi University, D.A.V. College, Kanpur, UP, Guru Ghasidas Vishwavidyalaya, Bilaspur, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, University of Rajasthan, Punjab Agricultural University, Ludhiana, Barkatullah University Bhopal, Sage University, Bhopal, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Jawaharlal Nehru Engineering College, Aurangabad ,MGM University, (PREC,Loni), Natubhai V. Patel College of Pure & Applied Sciences (NVPAS), Charutar Vidya Mandal University (CVMU), Vels University, Sam global University Bhopal, United Institute of Medical Sciences, Guru Gobind Singh College of Pharmacy, Banasthali Vidyapith, Tonk, Rajasthan, India, Lady Doak, Madurai, Chitkara College of Pharmacy, Chitkara University, Rajpura, Punjab, Gautam Buddha University, Sri Sathya Sai college for Women, Bhopal, M.P, C.C.S .University, Meerut, UP, Central Ayurveda Research Institute- Jhansi (CARI-Jhansi), College of Agri-Business Management, Kashti, MPKV, Rahuri,MH, National institute of allied medical science and technology, NIMS UNIVERSITY, Jaipur, Rajasthan, Chandigarh University, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Amity University Lucknow Campus ITM University, Gwalior, KRG College of Gwalior, Jiwaji University, Gwalior, etc. have actively participated in the 3rd International Conference on Recent Advances in Biotechnology& Nanobiotechnology (Int-BIONANO-2024). This has further popularized the AIB, AUMP at national and international levels.
8. The total amount received as a registration fee from participants was **Rs.50,000/only**. While we spent **Rs. 20,122/-** only on Printing and spiral binding of conference abstract book, brochure designing etc. i.e. a net gain of **Rs. 29,878/- (Approx.) only**.

Followed-Up with the Guests to consider Various Collaborations

Post-event plan to follow up with the distinguished guests will be focused on building up mutual collaboration in terms of like.

- a. Research Collaborations for funded projects.
- b. Research activities for students like SIP and Major projects.
- c. Mutual sharing of laboratory facility for students
- d. Industrial collaboration
- e. Association in Seminars/Conferences/Workshops and other scientific activities.

The above possibilities will be worked upon through mutual consultation.

Plans for utilising the contacts developed with the Invited Guests, for future cooperation to meet the targets of 'Mission: Connect' and Mission: Synergy of Brains.

1. Invited speakers may be approached for the possibility of research collaboration with mutual consultation.
2. Invited speakers may be approached as co-supervisors of scholars for their master's and Ph.Dprogrammes.



3. Invited speakers may be approached as Co-PI of research projects of national and international funding agencies.
4. Exploring more opportunities for SIP and Major Projects for our students with the speakers' organisation in coming sessions.
5. AIB is looking forward to inviting distinguished guests to its upcoming events like / Guest lectures/seminars/conferences etc in the next 6 months for further consolidate mutual bonding.
6. Eminent speakers may be nominated as external members/domain experts in various departmental committees if consented by them.

The 3rd International Conference on Recent Advances in Biotechnology & Nanobiotechnology, (Int-BIONANO-2024)

News Coverage Clippings



स्वदेश

वाराणसी, शुक्रवार 15 नवंबर 2024

05

एमिटी यूनिवर्सिटी में अंतरराष्ट्रीय सम्मेलन आयोजित

नगर संवादकर्ता ■ वाराणसी

एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी द्वारा जैव प्रौद्योगिकी और नैनोबायोटेक्नोलॉजी में हालिया प्रगति विषय पर आयोजित किए जा रहे अंतरराष्ट्रीय सम्मेलन का समापन शुक्रवार को हुआ। जिसमें मुख्य अतिथि के रूप में जीवाजी विश्वविद्यालय के पूर्व कुलपति प्रो. डॉ. पी.एस. बिसेन रहे। जबकि अध्यक्षता संस्थान के प्रो. चंदाकर लोचिन्दर जैनल वी.के. शर्मा, एबीएसएम सेवानिवृत्त ने की। अतिथियों ने सम्बोधित करते हुए जैव प्रौद्योगिकी और नैनोबायोटेक्नोलॉजी के क्षेत्र में नवीनतम शोध, नवाचार और विकास पर विस्तार से जानकारी साझा की। उन्होंने मानव कल्याण



और मानवता के लिए नैनो टेक्नोलॉजी के अनुप्रयोग पर विस्तार से प्रकाश डाला। इस अवसर पर डॉ. ए.के. मीना, सीसीआरएस-शैत्रीय आयुर्वेद अनुसंधान संस्थान, ग्वालियर, कार्यवाहक कुलपति प्रो. डॉ. अनिल वशिष्ठ, प्रो-वाइस चांसलर (रिसर्च) प्रो. डॉ. एस.पी. कौरिक, प्रो. डॉ. विनय द्विवेदी और अन्य गणमान्य उपस्थित रहे। सम्मेलन के मुख्य वक्ताओं में

डॉ. मुकेरा दुबे, एसोसिएट प्रोफेसर, स्वीडिश यूनिवर्सिटी ऑफ एप्लीकेशनल साइंसेज एसएलए, उप्सला, स्वीडन विशेष रूप से शामिल हुए।

इस अवसर पर डॉ. जेवई चौध एमबीएससी, वाइस प्रेसिडेंट टेक्निकल जिस बायोटेक प्रॉब्लेम हिमिटेड मैसूर कर्नाटक, प्रोफेसर डॉ. राघवेन्द्र सक्सेना सहित अन्य मौजूद रहे।

सच कहने का साहस और सलीका

राज एक्सप्रेस

शुक्रवार 15 नवंबर 2024

11

एमिटी यूनिवर्सिटी में जैव प्रौद्योगिकी और नैनो बायोटेक्नोलॉजी पर अंतरराष्ट्रीय सम्मेलन आयोजित



वाराणसी (आरएसएन)। एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी द्वारा जैव प्रौद्योगिकी और नैनो बायोटेक्नोलॉजी में हालिया प्रगति विषय पर दो दिवसीय तीसरे अंतरराष्ट्रीय सम्मेलन का आयोजन किया गया। सम्मेलन का उद्घाटन मुख्य अतिथि प्रो. डॉ. पीएस बिसेन, पूर्व कुलपति, जीवाजी विश्वविद्यालय द्वारा किया गया। इस अवसर पर प्रो. चंदाकर लोचिन्दर जैनल वी.के. शर्मा, एबीएसएम (सेवानिवृत्त) ने संबोधित कर जैव प्रौद्योगिकी और नैनोबायोटेक्नोलॉजी के क्षेत्र में नवीनतम शोध, नवाचार और विकास पर विस्तार से जानकारी साझा की। इस अवसर पर डॉ. ए.के. मीना, सीसीआरएस-शैत्रीय आयुर्वेद अनुसंधान संस्थान, ग्वालियर, कार्यवाहक कुलपति प्रो. डॉ. अनिल वशिष्ठ, प्रो-वाइस चांसलर (रिसर्च) प्रो. डॉ. एस.पी. कौरिक, प्रो. डॉ. विनय द्विवेदी और अन्य गणमान्य उपस्थित रहे। सम्मेलन में भारत और विदेश से प्रतिभागियों ने भाग लिया। सम्मेलन में जैव प्रौद्योगिकी और नैनोबायोटेक्नोलॉजी पर मौखिक और पोस्टर प्रस्तुतियां दी गईं तथा विभिन्न विषयों पर पांच तकनीकी सत्र आयोजित किए गए। सम्मेलन के मुख्य वक्ताओं में डॉ. मुकेरा दुबे, एसोसिएट प्रोफेसर, स्वीडिश यूनिवर्सिटी ऑफ एप्लीकेशनल साइंसेज (एसएलए), उप्सला, स्वीडन विशेष रूप से शामिल थे।



Event at a Glance

3rdInternational Conference on Recent Advances in Biotechnology & Nanobiotechnology (Int-BIONANO-2024), March5-6, 2024



Opening ceremony of 3rd Int-BIONANO 2024



Chief Guest Prof. (Dr.) P.S. Bisen, Former Vice Chancellor, Jiwaji University, Gwalior, and Guest of honor, Dr. A.K Meena lighting lamp in opening ceremony of the conference.





Hon'ble Pro-Chancellor, AUMP Lt.Gen.V.K.Sharma(AVSM Retd.)during opening ceremony of the inaugural of the conference 3rd Int-BIONANO 2024.



Dignitaries on the dias and address by Director AIB



Releasing Abstract book of 3rd Int-BIONANO 2024



Delegates during inaugural session of the conference



Key Note Speaker Dr. S.I. Alam, Scientist 'F' DRDE,

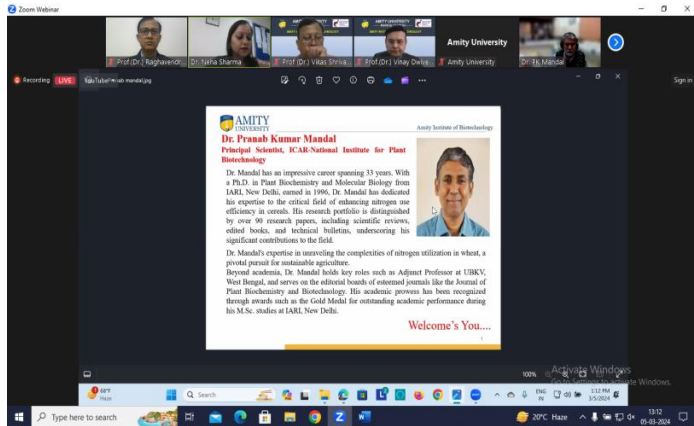


Guest of Honour Dr. A.K. Meena, CCRAS-Regional Ayurveda

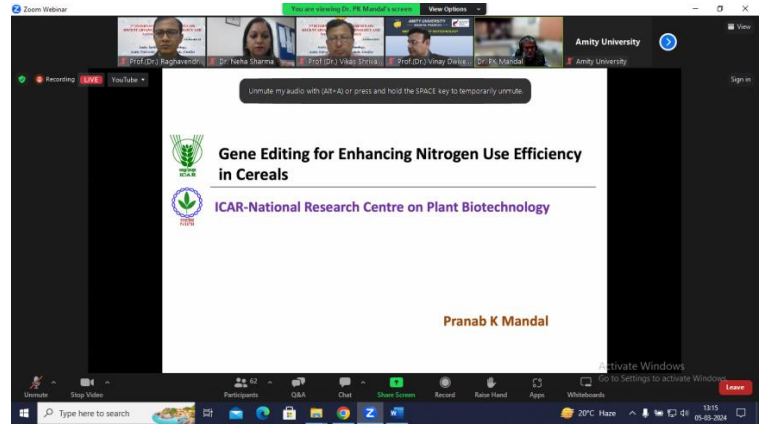


delivering keynote lecture in inaugural session.

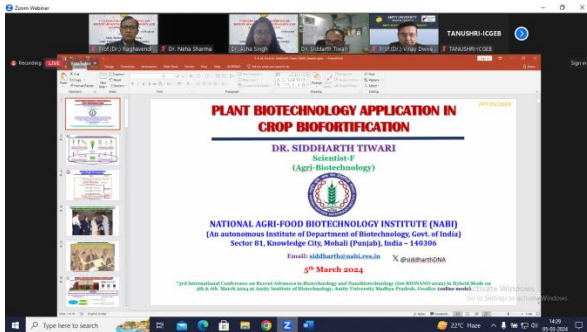
Research Institute addressing in inaugural session.



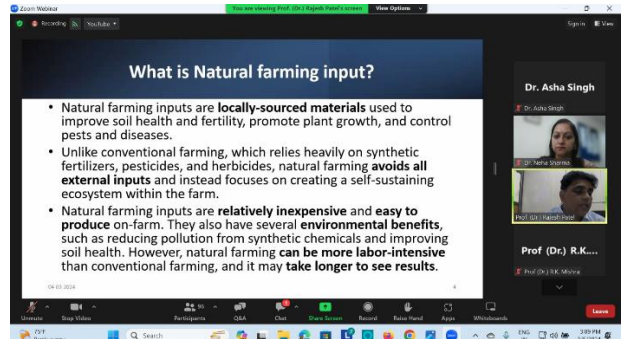
Chairperson of the session 1: Dr. P.K.Mandal during the Technical session 1.



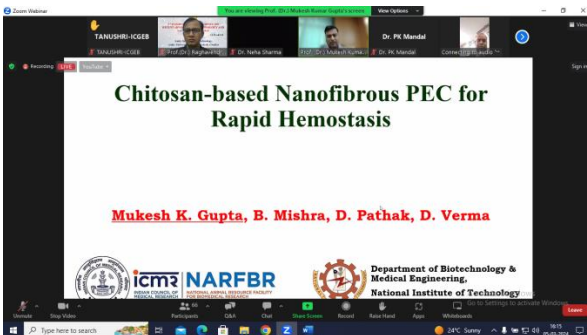
Chairperson of the session 1: Dr. P.K.Mandal delivering Invited talk during the session 1.



Dr. Siddharth Tiwari Prakash delivering his talk during the Technical Session I.



Prof. (Dr.) Rajesh Patel, delivering his talk during the technical session 1.



Chairperson of the session 1: Dr. Mukesh Gupta, ICMR, NARFBR, delivering Invited talk during the session 2.



Dr. Brajesh Kumar, delivering invited talk during the Technical session 2.

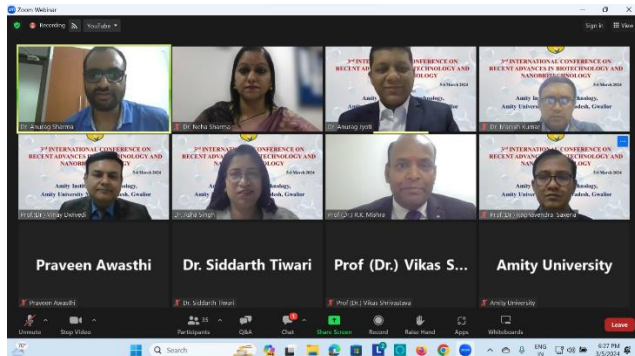




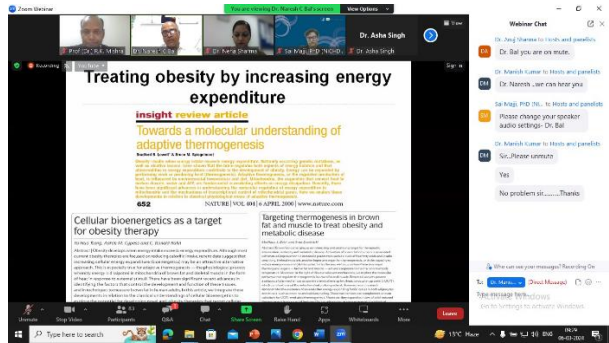
Dr. Pankaj Rai, delivering his talk during the technical session 3.



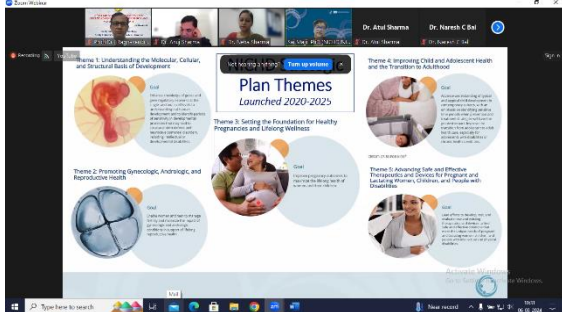
- Dr. Praveen Awasthi, invited to delivering his talk during the Technical session 3.



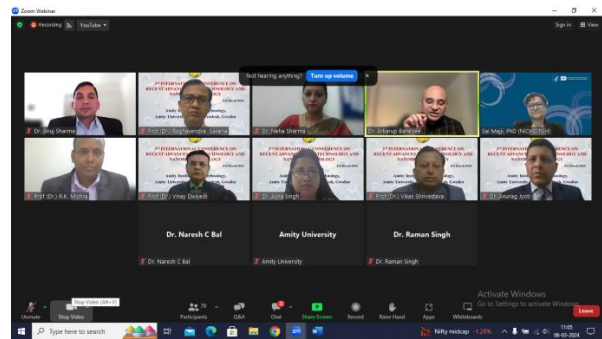
Chairperson of the session Dr. Anurag Sharma delivering his talk during the Technical session 3.



Chairperson of the session Dr. Naresh C. Bansal delivering his talk during the Technical session 4.

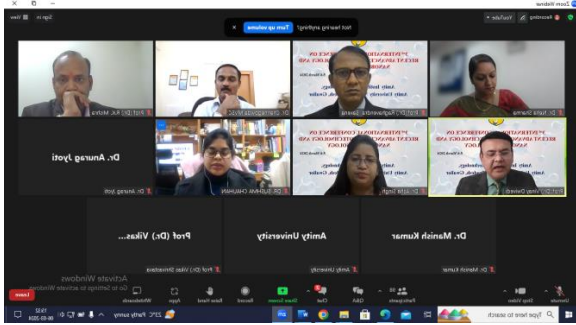


Dr. Sai Majji, delivered her invited talk during the Technical session 4.

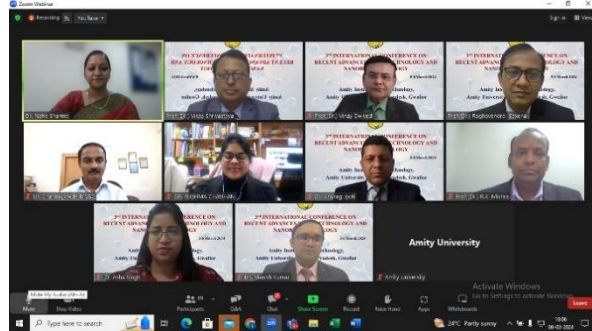


Panel Discussion after the technical session-





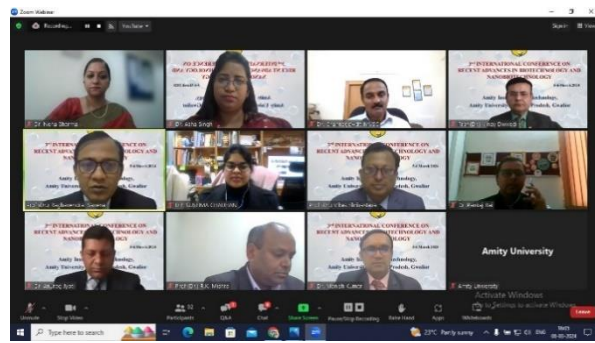
Valedictory session: Chief Guest Dr. Channegowdaw, MVSc. Vice President, Technical JIS Biotech Private Limited Mysore, addressing the session.



Valedictory session: Prof. (Dr.) Vinay Dwivedi, Director AIB, and Convenor of Int-BIONANO 2024, Addressing.

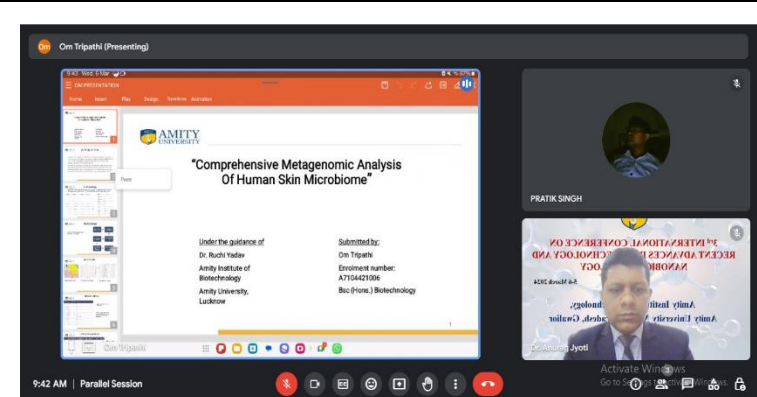


Valedictory session: Prof. (Dr.) Vikas Srivastava, AIB, AUMP giving concluding remarks of Int-BIONANO 2024.

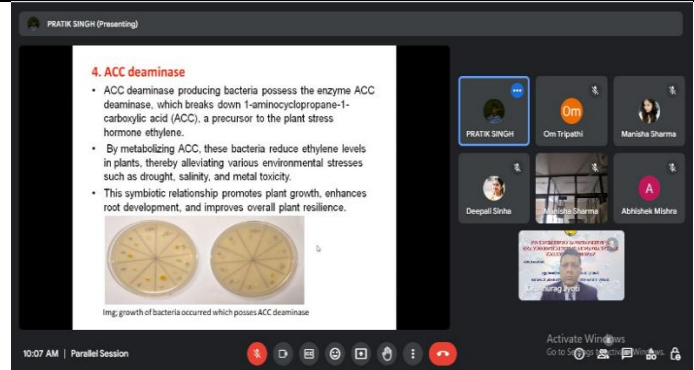


Valedictory session: Prof. (Dr.) Raghendra Saxena, AIB, AUMP giving a vote of thanks of Int-BIONANO 2024.

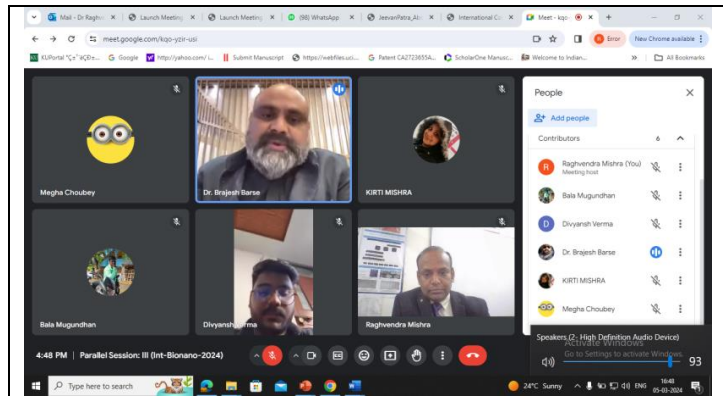




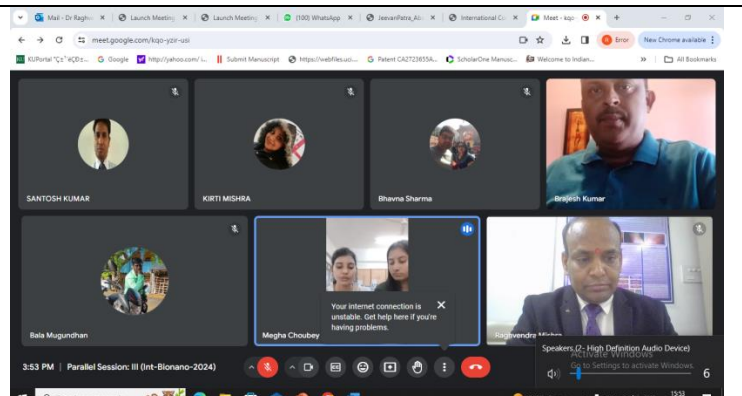
Parallel session 1: Chairperson Dr. Anurag Sharma, Associate Professor, Nitte University Centre for Science Education & Research, Mangalore and Co-chairperson Dr. Anurag Jyoti, AIB, AUMP



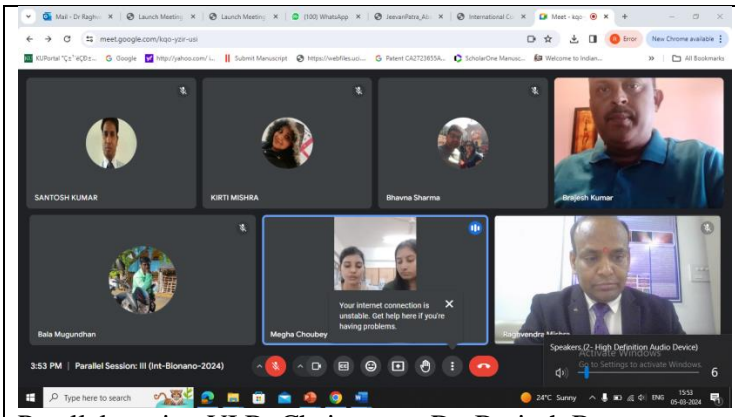
Parallel session 1: Chairperson Dr. Anurag Sharma, Associate Professor, Nitte University Centre for Science Education & Research, Mangalore and Co-chairperson Dr. Anurag Jyoti, AIB, AUMP



Parallel session III : Chairperson Dr. Brajesh Barse, Director, MedTech, Lifesciences. Food & Agriculture, Co-Chairperson Dr. Brajesh Kumar, and University Chaibasa, Jharkhand, India and Prof. (Dr.) Raghvendra Kumar Mishra AIB,AUMP.



Parallel session III : Chairperson Dr. Brajesh Barse, Co-Chairperson Dr. Brajesh Kumar, and University Chaibasa, Jharkhand, India and Prof. (Dr.) Raghvendra Kumar Mishra AIB, AUMP.

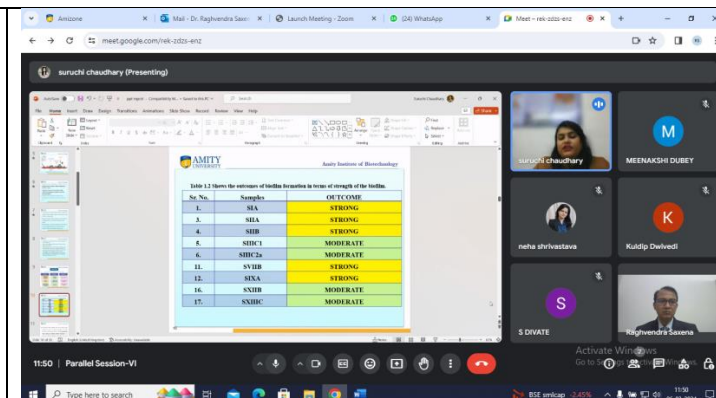
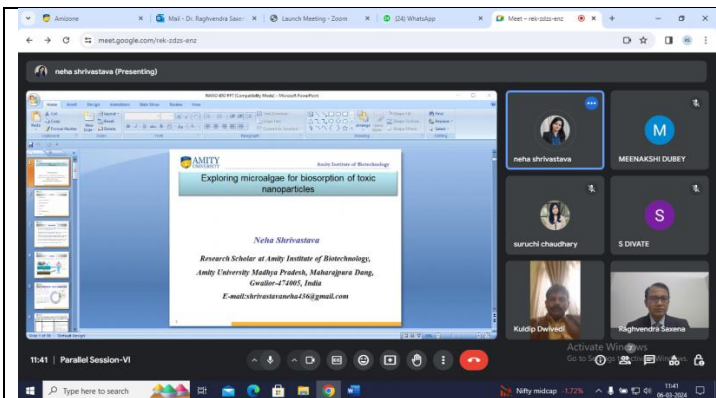


Parallel session VI B: Chairperson Dr. Brajesh Barse, Director, MedTech, Lifesciences. Food & Agriculture New Delhi, Co-Chairperson Prof. (Dr.) Vikas Srivastava, AIB, AUMP.



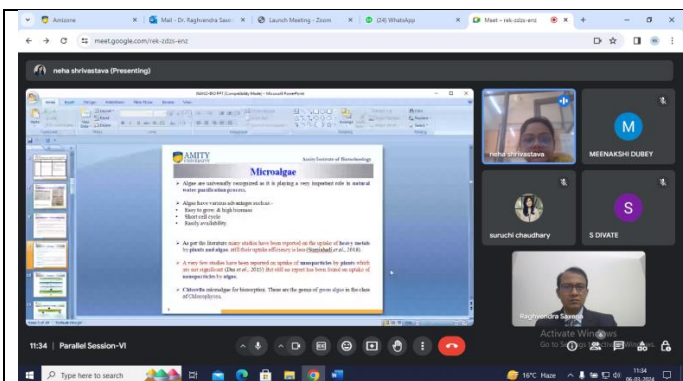
Parallel Session IV: Chairperson, Dr. Baskar Venkidasamy, Co-Chairpersons Prof. (Dr.) Raghvendra Kumar Mishra, and Dr. Neha Sharma, Dr. Rwitabrata Mallick, AUMP,



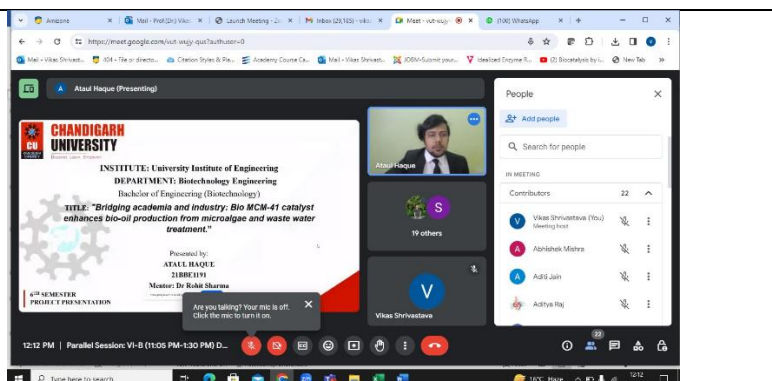


Parallel session VI: Chairperson Dr. Kuldip Dwivedi, EVS, AUMP and Co-chairperson Dr. Raghvendra Saxena, AIB, AUMP

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AMITY UNIVERSITY
MADHYA PRADESH

POSTER AND MODEL MAKING COMPETITION

26th Oct 2023

Amity Institute of Biotechnology, Amity University, Gwalior in association with Microbiologists Society, India (MBSI) student unit 'MICRON' organised a Poster & Model Making Competition on the theme "Biotechnology for sustainable development of India" On the occasion of "Innovation Week" on 26th September 2023 in B Block. Event was inaugurated by the Director, Amity Institute of Biotechnology & Dean (academics), AUMP, Prof. (Dr.) R.S. Tomar in the presence of all faculty members and students of the department. During the event, students presented their work in the form of posters and models. Posters and models were evaluated by the experts and faculty member of AIB Prof.(Dr.) Vikas Shrivastava, Dr. Raghvendra Saxena, Dr. Neha Sharma and Dr. Anurag Jyoti.

A total 30 teams participated in group or individuals. First, second and third prizes were given to students as prize money of 1100 Rs, 800 Rs and 500 Rs. respectively along with a certificate of merit. Apart from this, three consolation prizes were given with a certificate of merit and 250 Rs each. The prize money and certificate distribution were funded by Microbiologists society, India. Event was coordinated by Prof. (Dr.) Raghvendra K. Mishra and was supported by faculty members of AIB.

Glimpses of the event









AMITY UNIVERSITY
MADHYA PRADESH

OUTCOME REPORT

Of

4th National Workshop Cum Hands-On-Training On Advance Techniques In Molecular Biology, Medical Biotechnology, Industrial Microbiology And Bioinformatics

2-8November, 2023

by

Amity Institute of Biotechnology

Of

Amity University Madhya Pradesh

General Information:

- Date of Event-2-8 November, 2023
- Venue-Hybrid mode: Online Platform (Zoom/MS teams)
- Organized by: Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior.
- TotalParticipation:33 registered participants and90(approx.) students and faculty members attended the workshop inaugural and Valedictory.
- Moderator(s)/ Event Coordinator/Resource Persons:Dr. Raghvendra Kumar Mishra, Dr. Anurag Jyoti, Dr. Raghvendra Saxena, Dr. Manish Kumar, Dr. Neha Sharma, and Dr. Asha Singh,Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior MP.
- Co-Convener/Host: Prof. (Dr.) Vikas Shrivastava, In-charge HoI, AIB,Amity University Madhya Pradesh, Gwalior (MP).

Details of Expert/Speaker

1. Chief Guest: **Prof. (Dr.) GBKS Prasad**
 - Organization:SOS Biochemistry, Jiwaji University, Gwalior MP-India



- Designation: Professor
- Specialization: Medical Microbiology, Clinical microbiology. Professor & Head of “Division of Clinical Microbiology & Molecular Medicine, Department of Laboratory Medicine
- Country Name: India

Recognition & Awards

- Completed 10 research project funded by various Public and Private agencies, on various aspects of Diabetes mellitus.
- He is author of two text books viz., ‘Molecular Diagnostics: Promises & Possibilities’ published in 2010 by Springer, USA and Microbes: Concepts and Applications published by Wiley-Blackwell, 2012.
- He has published more than 120 research papers in various reputed international and national journals and Seven patents have been filed.
- He supervised about 20 Ph.D. and guided more than 100 M.Sc. dissertation.
- He is member of various International and National Scientific bodies and Reviewer and Editor of National/International Journals.
- He received various Fellowships & Visited outside India on various academic assignments like: Commonwealth Fellowship for Postdoctoral Research at Liverpool School of Tropical Medicine, Liverpool, UK. Texas University, USA under Indo-US Collaboration in Science & Technology program. Imperial college of Science & Technology, London and World Health Organization, Geneva.
- He has been examiner for several universities and subject expert, Task force member and project reviewer for various Indian funding agencies.

2. Expert Name: Dr. Ram Kumar Dhakad

- Organisation:Defence Research and Development Organisation,DRDO, Gwalior, MP.
- Designation: Scientist
- Specialisation: Molecular biology, Neurotoxicity, biochemistry etc.
- Country Name: India

3. Invited Expert Name: Dr. Mithilesh Jaiswal,

- Organisation: Syncare Biotech Pvt Ltd, Gwalior, M.P. (India)- 474011
- Designation: CEO and Founder
- Specialization:Probiotics, Biofertilizer, and Nutraceuticals Industrial Microbiology fermentation techniques and technical expert in Starter culture and Probiotic production.
- Country Name: India:

4. Invited Expert Name: Dr. Rajesh Patel

- Organization:Veer Narmada South Gujrat University, Surat,Gujarat.



- Designation: Professor
- Specialization: Bioinformatics and Molecular Biology
- Country Name: India

Point wise Outcome Report:

Objectives/Inspiration

Life Sciences offer an integrated approach to deal with all the aspects of Biology i.e.,Molecular biology, medical biotechnology, Industrial biotechnology and computational biology etc., through knowledge generation. The workshop is organised (hybrid mode)to provide an opportunity to the participants to learn and update important techniques used in contemporary life sciences research in hybrid mode. The workshop offers an opportunity to the participants to discuss with distinguished expertson current issue and techniques from various reputed institutions from India. The wet anddry labs curricula have been designed in such amanner that it would facilitate participants to appraise anddeal with real time problems in the laboratories.The workshop designed to motivate participants to unfold their knowledge and get hands on training on most contemporary and advanced techniques used in life science research. The workshop will help students, research scholars and faculty members to enrich understanding of modern techniques, design and perform experiments, generation of data, analysis of data.

1. The workshop provides theoretical concepts and hands-on-training on important advanced techniques currently used in modern biology, especially in Molecular Biology, Medical Biotechnology, Bioinformatics and Industrial Microbiology.
2. The contents of whole workshop are designed to facilitate participants not only to learn techniques but also to appraise and deal with real time problems in the laboratories.
3. Participants will be immensely benefitted not only in their hands-on-technical skills but also find an opportunity to discuss and interact with experts to better understand, design, and execute experiments.
4. The workshop helps researchers/ students motivated to pursue research in areas of life sciences.

Distinguished Speakers

1. Invited Expert: **Prof. (Dr.) GBKS Prasad, Professor**, SOS Biochemistry,Jiwaji University, Gwalior MP-India

Recognition & Awards

- Completed 10 research project funded by various Public and Private agencies, on various aspects of Diabetes mellitus.
- He is author of two text books viz., 'Molecular Diagnostics: Promises & Possibilities' published in 2010 by Springer, USA and Microbes: Concepts and Applications published by Wiley-Blackwell, 2012.



- He has published more than 120 research papers in various reputed international and national journals and Seven patents have been filed.
 - He supervised about 20 Ph.D and guided more than 100 M.Sc dissertation.
 - He is member of various International and National Scientific bodies and Reviewer and Editor of National/International Journals.
 - He received various Fellowships & Visited outside India on various academic assignments like: Commonwealth Fellowship for Postdoctoral Research at Liverpool School of Tropical Medicine, Liverpool, UK. Texas University, USA under Indo-US Collaboration in Science & Technology program. Imperial college of Science & Technology, London and World Health Organization, Geneva.
 - He has been examiner for several universities and subject expert, Task force member and project reviewer for various Indian funding agencies.
- Invited Expert: **Dr. Ram Kumar Dhakad**, Scientist, DRDO, Gwalior MP- 474011

Recognition & Awards

- He joined the DRDO 1998 and has worked 28 year on bacterial Toxins. He did his Ph.d in 1999 from Jiwaji University Gwalior Madhya Pradesh.
 - He has published various research paper on international and national reputed. He received various Fellowships various academic assignments.
 - He is involved in the designing and synthesis of drug, by chemical & biological route & clinical biochemistry.
 - He is a member of various International and National Scientific bodies.
2. Invited Expert: **Dr. Mithilesh Jaiswal**, Scientist & Founder Director, Health and Nutrition, Syncare Biotech Pvt Ltd, Gwalior, M.P. (India)- 474011

Recognition & Awards

- He has long and diverse experience in the field of Probiotics and Synbiotics as a Scientist and Technical Head.
 - Having more than 9 years of working experience from Laboratory management to the commercialization of Synbiotic products in the different segments of Pharmaceuticals, Nutraceuticals and Animal feed supplements.
 - Expertise in Fermentation and Bio-processing of Microbes for Human Health as well as Animal health benefits, Formulation designing and new product development for different application.
 - He is an active member of reputed academic and research associations.
3. Invited Expert: **Dr. Rajesh Patel, Professor**, Veer Narmada University, Gujarat.

Recognition & Awards



- Awarded Young Scientist Travel Fellowship from FAOBMB, Centre for International Scientific Exchange, Chinese Academy of Science, Beijing, China.
- Awarded fellowship from UNESCO and ICRO for International training course on RNA and Biochemistry, State Key Laboratory of Molecular Biology, Institute of Biochemistry and Cell Biology, Shanghai, China.

Criteria Considered for inviting the Various Individual Guests, Internal as well as External

The criteria was to invite distinguished expert from various disciplines on the basis of their contribution in research/academic and credentials in the thematic area of workshop.

Were the guests in advance and if yes, from what previous interaction? Were the guests recommended by someone. If yes, who?

Yes, the guests were informed in advance and their consent was taken to deliberate their lecture during the workshops. Guests were contacted through personal contacts made during scientific events previously conducted by AIB.

Attendees:

The 4th National Workshop observed overwhelming response from various prestigious universities and institutions. In total **33 (Thirty three)** participants were registered to attend workshop. Among the registered participants **03** were faculty and remaining **30** were students.

In total approximately 130 attendees (including students of AIB) joined the workshop in different sessions including inaugural, technical and valedictory sessions.

'Take Homes' for the Guests and the Attendees in the form of knowledge, facts, information.

The various sessions of the workshop covered different aspects and techniques used in modern biology, especially in the area of Molecular Biology, Medical Biotechnology, Bioinformatics and Industrial Microbiology.

- **Chief Guest Prof. (Dr.) GBKS Prasad**, emphasized on the learning of fundamental molecular biology and computational techniques with latest software knowledge to enhance the understanding and application in life science research especially the role of nano-curcumin in medical biotechnology and in the development of diagnostics.
- **Distinguished speaker Prof. (Dr.) Ram Kumar Dhaksd**, DRDO, Gwalior, thrust upon the use of advanced techniques in Molecular Biology to boost cutting edge research in life sciences especially in health and agriculture domain. He discussed the different applications of PCR and its diagnostic applications.
- **Distinguished speaker Dr. Mithilesh Jaiswal**, Scientist & Founder Director, Health and Nutrition, Syncare Biotech Pvt Ltd, Gwalior, M.P. discussed about the industrial production of different types of probiotics and synbiotics formulations and their application as potential therapeutic tool to enhance the immunity and treat different ailments
- **Distinguished speaker Dr. Rajesh Patel**, Professor, Veer Narmada South Gujarat University, discussed on most contemporary research tools and techniques in bioinformatics and focused the need of bioinformatic skills development for graduate students. He elaborated various in-silico techniques for targeting structural proteins in the drug development.



- The presentations delivered by expert speakers, during the workshop not only motivated the researchers/participants to involve in research activities but also help to get hands on exposure of several techniques currently used in life science research.

Tangible Gains for the Faculty, Researchers and Students of Amity.

The tangible gains:

- The 4th National Workshop received wide publicity among the scientists, academicians and research students working in life sciences through various publicity means, Emails, social media and through direct communication means etc.
- Amity Institute of biotechnology, amity university Madhya Pradesh got a wide appraisal from distinguished guest speakers and shown interest for possible collaboration in research activities including research projects.
- Distinguished guest speakers also shown interest to take up AIB students for SIP/ Major projects in their institutions.
- The workshop provided the students a direct opportunity to interact with distinguished experts to get their query answered in professional way.
- The 4th National Workshop laboratory manual was distributed among all the participants of the workshop. The manual consisted of step wise procedure to conduct experiments and other relevant information. This provided wide publicity of Amity University Madhya Pradesh among scientists, researchers and academicians.
- The faculty members and students from various Universities and Institutions all over the India such as Jiwaji University, Gwalior, Arni University kathgarh Indora, Modi Institution of Management and Technology Kota Rajasthan, ITM University Gwalior Madhya Pradesh, Jain (Deemed-to-be University) Bangalore, Kamal Raja Girls Post Graduate autonomous college, Gwalior, MP, etc. have actively participated in the workshop This has further popularized the AIB, AUMP at national level.
- Chief Guest of workshop valedictory session Dr. Brijesh S. Sisodia, Scientist, Central Council for Research in Ayurvedic Sciences,
- The 4th National Workshop received wide print coverage and it was covered by most of the leading newspapers of MP including, Dainik Bhaskar, Nav Bharat, Aacharan, Swadesh etc. This which will help in gaining mass attention of students and their parents leading to more admissions in forthcoming session of AUMP.
- The total amount received as registration fee from participants was **Rs.16999/-** (Sixteen Thousand Nine Hundred Ninety nine Only). While we spent **Rs.2183/-** only, i.e. Anet gain of **Rs.14816/-only**.

Followed-Up with the Guests to consider Various Collaborations

- Post event plan to follow-up with the distinguished guests will be focused on to build up mutual collaboration in terms of like;
 - Research Collaborations for funded projects



- Research activities for students like SIP
- Mutual sharing of laboratory facility for students
- Association in Seminar/Conferences/Workshops

The above possibilities will be worked upon with mutual consultation.

Plans for utilising the contacts developed with the Invited Guests, for future cooperation to meet the targets of 'Mission: Connect' and Mission: Synergy of Brains.

- Exploring more opportunities for SIP and Major Projects for our students with the speakers' organisation in coming sessions.
- AIB is looking forward to inviting distinguished guests in its upcoming events like seminar/conferences etc in next 6 months for further consolidate mutual bonding.
- We will discuss and collaborate with distinguished guest speakers for more guest lectures in AIB to facilitate our students in next 6 months.
- Possibility for research collaboration will be worked out with mutual consultation.

News Coverage Clippings

**4th National Workshop Cum hands-on-Training on Advance Techniques in Molecular Biology, Medical Biotechnology, Industrial Microbiology and Bioinformatics.
2-8 November, 2023**

Media Coverage:

स्वदेश

ग्वालियर - मुख्य संस्करण

Page 4 3 Nov 2023

एमिटी में राष्ट्रीय कार्यशाला का शुभारम्भ

ग्वालियर। एमिटी विश्वविद्यालय के एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी द्वारा हाई ब्रिडमोड में आणविक जीव विज्ञान, चिकित्सा जैव प्रौद्योगिक औद्योगिक माइक्रोबायोलॉजी और जैव सूचना विज्ञान में नवीनतम तकनीकों सात दिवसीय राष्ट्रीय कार्यशाला का आयोजन किया जा रहा है। जिसका शुभारम्भ गुरुवार को मुख्य अतिथि के रूप में मौजूद जीवाजी विश्वविद्यालय के प्रो. जीबीके प्रसाद ने किया। इस अवसर पर एमिटी के प्रो. चांसलर लेफ्टिनेंट जनरल वी.के. शर्मा सहित अन्य लोग मौजूद रहे।



ग्वालियर



नवभारत
ग्वालियर शुक्रवार, 03 नवम्बर, 2023

चिकित्सा में नैनो टेक्नोलॉजी की भूमिका महत्वपूर्ण

नवभारत न्यूज

ग्वालियर 2 नवम्बर. एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी, एमिटी यूनिवर्सिटी ग्वालियर ने 2 से 8 नवंबर तक हाइब्रिड मोड में आणविक जीवविज्ञान, चिकित्सा जैव प्रौद्योगिकी, औद्योगिक माइक्रोबायोलॉजी और जैव सूचना विज्ञान में नवीनतम तकनीकों पर सात दिवसीय चौथी राष्ट्रीय कार्यशाला सह हैंड्स-ऑन-ट्रेनिंग का आयोजन किया।

कार्यशाला के पहले दिन यानी 2 नवंबर 2023 को मुख्य अतिथि जीवाजी विश्वविद्यालय, ग्वालियर के प्रोफेसर (डॉ.) जीवीकेएस प्रसाद, माननीय प्रो-चांसलर लैफ्टिनेंट जनरल वी.के. शर्मा (एचोएसएम सेवानिवृत्त), कुलपति, एयूएमपी प्रो. (डॉ.) अनिल वशिष्ठ, प्रो कुलपति (रिसर्च) प्रो. (डॉ.) एम.पी.

कौशिक सहित अन्य गणमान्य व्यक्ति, संकाय सदस्य और प्रतिभागी की उपस्थिति में सरस्वती बंदना द्वारा ऑनलाइन उद्घाटन किया गया।

इस अवसर पर राष्ट्रीय कार्यशाला के सह-संयोजक प्रो. (डॉ.) विकास श्रीवास्तव ने कार्यशाला के विषय एवं सूचना विज्ञान कार्यक्रम के बारे में जानकारी दी। उन्होंने दर्शकों को बताया कि कार्यशाला में प्रतिष्ठित संस्थानों और संगठनों के मान्यता प्राप्त वैज्ञानिक और शिक्षाविद मेडिकल जैव प्रौद्योगिकी, आणविक जीव विज्ञान, औद्योगिक सूक्ष्म जीव विज्ञान और जैव सूचना विज्ञान पर अपने-अपने व्याख्यान देंगे, जिसके बाद विषयों से संबंधित तकनीकों का प्रदर्शन और व्यावहारिक प्रशिक्षण दिया जाएगा। कार्यशाला में पूरे भारत से कई प्रतिभागियों ने सक्रिय

भाग्यवती की।

कार्यशाला के पहले दिन प्रोफेसर (डॉ.) जीवीकेएस प्रसाद ने मेडिकल बायोटेक्नोलॉजी सह के अंतर्गत चिकित्सा में नैनो टेक्नोलॉजी की भूमिका (नैनोमेडिसिन) पर विशेषज्ञ व्याख्यान दिया। उन्होंने दर्शकों को चिकित्सा जैव प्रौद्योगिकी के उपयोग, अनुप्रयोग और भविष्य की संभावनाओं के बारे में जानकारी दी। उन्होंने मेडिकल बायोटेक्नोलॉजी में हाल की प्रगति के बारे में भी चर्चा की जिसने छात्रों को अनुसंधान और नवाचार करने के लिए प्रेरित किया। उन्होंने चिकित्सा जैव प्रौद्योगिकी और निदान के विकास में नैनो-करबुमिन की भूमिका पर जोर दिया। उन्होंने इस संदर्भ में पहल करने के लिए एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी को बधाई दी। बाद में प्रो चांसलर, एयूएमपी ने जैव प्रौद्योगिकी में हैंड्स-ऑन-ट्रेनिंग के महत्व और अनुप्रयोग पर जोर दिया।

विशेष अतिथि एवं गणमान्य अतिथियों ने वक्तोपलव लेख मैन्युअल का विमोचन किया। एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी के कार्यवाहक श्रीवास्तव ने धन्यवाद प्रस्ताव दिया। उन्होंने विभिन्न स्थानों से आए सभी आमंत्रित गणमान्य व्यक्तियों, छात्रों, शोध विद्वानों और शिक्षाविदों का स्वागत किया और कार्यशाला की सफलता की कामना की। प्रतिभागियों को व्यावहारिक प्रशिक्षण दिया गया और दोपहर के भोजन के बाद के सत्र के दौरान सैद्धांतिक और व्यावहारिक पहलुओं के साथ विभिन्न प्रतिस्थापित तकनीकों का प्रदर्शन किया गया।

व्यावहारिक प्रशिक्षण सत्र का समन्वय प्रयोगशाला में एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी के संकाय सदस्यों डॉ. नेहा शर्मा द्वारा किया गया और एमएसटी द्वारा प्रसारित किया गया। विभाग के अन्य संकाय सदस्यों ने व्यावहारिक प्रशिक्षण सत्र के दौरान मदद की।

एमिटी आणविक जीव विज्ञान, पर राष्ट्रीय कार्यशाला का समापन

नवभारत न्यूज

ग्वालियर 20 नवम्बर. एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी, एमिटी यूनिवर्सिटी मध्य प्रदेश ग्वालियर ने 2 से 8 अक्टूबर तक हाइब्रिड मोड में आणविक जीव विज्ञान, चिकित्सा जैव प्रौद्योगिकी, औद्योगिक माइक्रोबायोलॉजी और जैव सूचना विज्ञान में नवीनतम तकनीकों पर सात दिवसीय चौथी राष्ट्रीय कार्यशाला सह हैंड्स-ऑन-ट्रेनिंग का आयोजन किया।

कार्यशाला के मुख्य अतिथि जीवाजी विश्वविद्यालय, ग्वालियर के प्रोफेसर (डॉ.) जीवीकेएस प्रसाद, प्रो-चांसलर लैफ्टिनेंट जनरल वी.के. शर्मा की उपस्थिति में सरस्वती बंदना द्वारा ऑनलाइन उद्घाटन किया गया।

प्रो-चांसलर वी.के. शर्मा, एचोएसएम (सेवानिवृत्त), कुलपति, एयूएमपी प्रो. (डॉ.) अनिल वशिष्ठ, प्रो कुलपति (रिसर्च) प्रो. (डॉ.) एम.पी. कौशिक सहित अन्य गणमान्य व्यक्ति, संकाय सदस्य और प्रतिभागी उपस्थित रहे।

कार्यशाला के प्रथम दिवस प्रोफेसर (डॉ.) जीवीकेएस प्रसाद ने मेडिकल बायोटेक्नोलॉजी सत्र के अंतर्गत चिकित्सा में नैनो टेक्नोलॉजी की भूमिका (नैनो मेडिसिन) पर विशेषज्ञ व्याख्यान दिया।

कार्यशाला के दूसरे दिन राम कुमार धाकड़ ने आणविक जीव विज्ञान के सत्र में पीसीआर तकनीक एवं उनका अनुप्रयोग विषय पर व्याख्यान दिया। कार्यशाला का तीसरा और चौथा



दिन यानी 3 और 4 नवंबर प्रतिभागियों के प्रयोगों की समीक्षा के लिए आरंभित था।

कार्यशाला के पांचवें दिन, आणविक जीव विज्ञान के सत्र में पोलीमरेज चेन रिप्लिकेशन (पीसीआर) उनके अनुकूलन और ग्रेडिएंट पीसीआर पर व्यावहारिक

सत्र प्रोफेसर डॉ. राघवेंद्र मिश्रा, डॉ. राघवेंद्र सक्सेना और डॉ. अनुराग ज्योति. द्वारा आयोजित किया गया। प्रोफेसर विकास श्रीवास्तव और डॉ. मनीष कुमार ने उद्योगों में शामिल अपस्ट्रीम और डाउनस्ट्रीम प्रक्रियाओं का एक ऑनलाइन प्रदर्शन प्रस्तुत किया।

कार्यशाला के सातवें दिन जैव सूचना विज्ञान विभाग, जैव सूचना विज्ञान प्रयोगशाला और सुपर कंप्यूटिंग सुविधा विशेषज्ञ डॉ. राजेश पटेल ने जैव सूचना विज्ञान सत्र में इन-सिलिको ड्रग डिस्कवरी के लिए अवधारणाएं, उपकरण और तकनीक पर व्याख्यान दिया।

इसके अलावा, सत्र में एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी के सहायक प्रोफेसर डॉ. मनीष कुमार द्वारा फ़ाइलोजेनेटिक

विश्लेषण एवं डॉ. नेहा शर्मा द्वारा इम्पूनी इन्फॉर्मेटिक्स का वर्णन किया गया।

समापन समारोह का आयोजन मुख्य अतिथि ब्रिजेश सिंह मिसोदिया (सीसीआरएएस), ग्वालियर, एवं प्रतिभागियों की उपस्थिति में किया गया। मुख्य अतिथि ब्रिजेश सिंह मिसोदिया ने बायोटेक्नोलॉजी आधारित आयुर्वेदिक रिसर्च पर जोर दिया।

समापन वक्तव्य में, एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी, एमिटी यूनिवर्सिटी के कार्यवाहक प्रमुख प्रोफेसर (डॉ.) विकास श्रीवास्तव ने 7 दिनों की कार्यशाला का सौक्ष्म विवरण दिया। अंत में धन्यवाद ज्ञापन एमिटी इंस्टीट्यूट ऑफ बायोटेक्नोलॉजी के प्रोफेसर डॉ. राघवेंद्र सक्सेना ने दिया।

म लि
ग्वा
गार्ध
मणि
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कुमा
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अब्
राज
अह
रुपे
राज
तिवा
सिक
शांति
गार्ध
विशे





4th National Workshop Cum hands-on-Training on Advance Techniques in Molecular Biology, Medical Biotechnology, Industrial Microbiology and Bioinformatics, 02-08November, 2023

4th National Workshop at a Glance

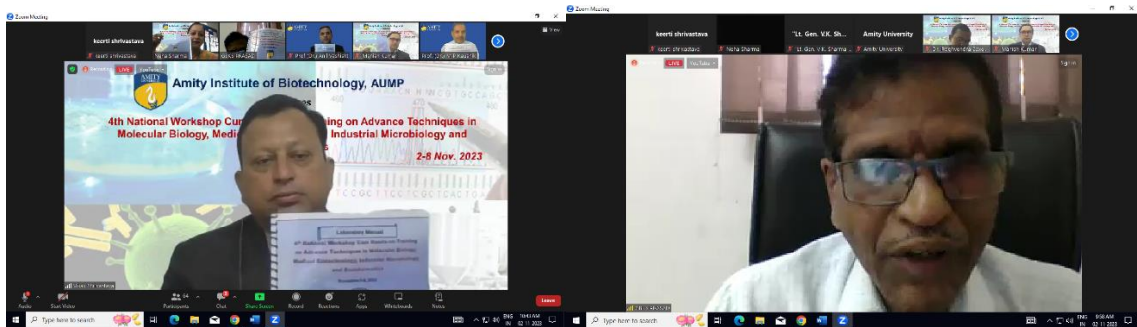
[Inauguration]



Saraswati Vandana & Lamp Lighting by the Dignitaries during inaugural session of 4thNational Workshop



Welcome Address by Hon'ble Vice chancellor Lt. Gen. V. K. Sharma, AVSM (Retd.)during inaugural session of 4thNational Workshop

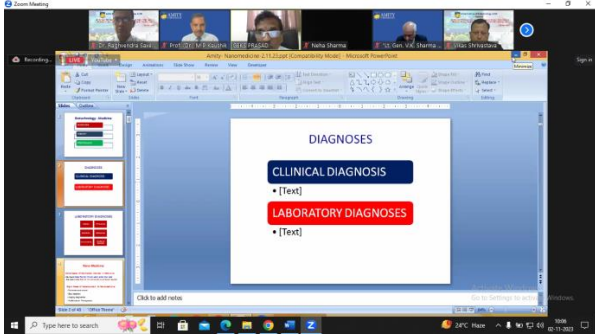


Release of Workshop Manual by dignitaries during inaugural session of 4thNational Workshop

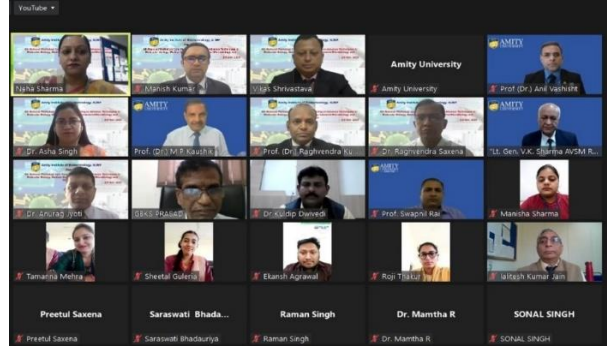
Address by Chief Guest, Prof. (Dr.) GBKS prasad, SOS,Biochemistry Jiwaji University, Gwalior,MP during inauguralsession of 4thNational Workshop

[Technical Sessions]

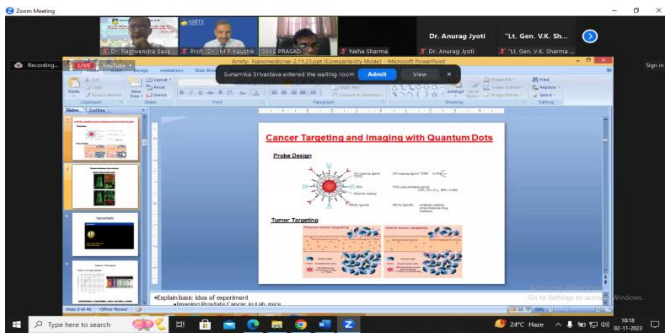




Expert Lecture by Prof. (Dr.) GBKS Prasad, SOS, Biochemistry, Jiwaji University, Gwalior, MP, during inaugural session of 4th National Workshop



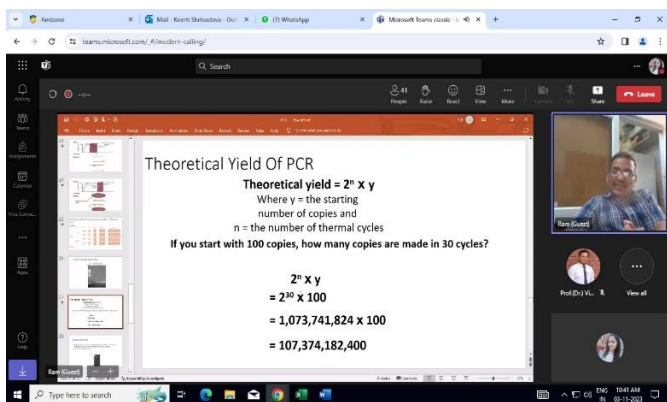
Vote of Thanks by Prof. (Dr.) Vikash Srivastava, Incharge HoI -AIB, Amity University Madhya Pradesh, Gwalior, during inaugural session of 4th National Workshop



Expert lecture by Prof. (Dr.) GBKS prasad, SOS, Biochemistry Jiwaji University, Gwalior, MP during inaugural session of 4th National Workshop



Demonstration of Dot ELISA and Immuno electrophoresis by Dr Neha Sharma, Assistant Professor, AIB, AUMP, during 4th National Workshop



Expert lecture by Prof. (Dr. Ram Kumar Dhakad, Scientist, DRDO, Gwalior MP during inaugural session of 4th National Workshop.

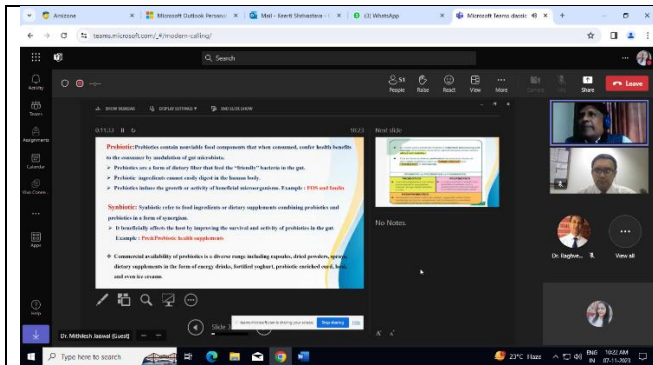


Demonstration on Isolation of DNA and Gel Electrophoresis by Dr. Raghendra Saxena and Dr. Raghendra K. Mishra, during 4th National Workshop





Hands-on-Training on Optimization of PCR conditions using Gradient PCR by Dr. Anurag Jyoti, Assistant Professor, AIB, AUMP, during 4th National Workshop.

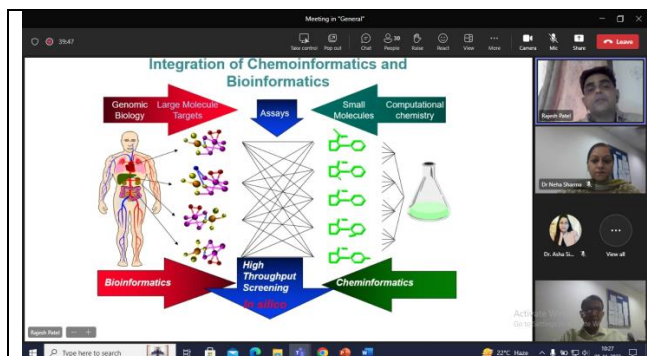


Expert Lecture by Dr. Mithilesh Jaiswal, Scientist & Founder Director, Health and Nutrition, Syncare Biotech Pvt Ltd, Gwalior, M.P. during 4th National Workshop



Hands-on-Training on Isolation/characterization of industrially important microbes, Scale-up process for industrially important products, Downstream processing of synthesized products by Prof.(Dr.) Vikas Shrivastava, Dr. Manish Kumar & Dr. Asha Singh





Expert Lecture by Dr. Rajesh Patel, Professor, Veer Narmada University, Gujarat. during 4th National Workshop

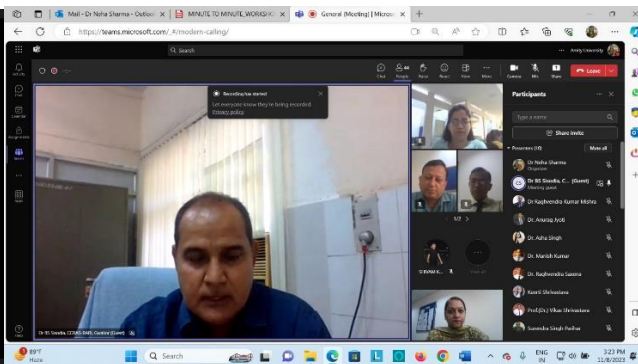
-
- Programming:** Bioinformatics relies heavily on programming, so it is important for graduate students to have strong programming skills. They should be familiar with a variety of programming languages, such as Python, R, and Java.
 - Data analysis:** Bioinformatics involves the analysis of large amounts of data, so graduate students should have strong data analysis skills. They should be familiar with statistical methods and machine learning algorithms.
 - Biological knowledge:** Bioinformatics is an interdisciplinary field, so graduate students should have a strong foundation in biology. They should be familiar with the concepts of genetics, genomics, and molecular biology.
 - Problem-solving skills:** Bioinformatics problems are often complex and challenging, so graduate students should have strong problem-solving skills. They should be able to think critically and creatively to find solutions to problems.
 - Communication skills:** Bioinformatics is a collaborative field, so graduate students should have strong communication skills. They should be able to communicate their ideas effectively to both technical and non-technical audiences.

Hands-on-Training on Hand on training on Molecular Structure Drawing Tool, Molecular Modeling and Docking of small molecules by Dr. Neha Sharma, Assistant Professor, AIB, AUMP

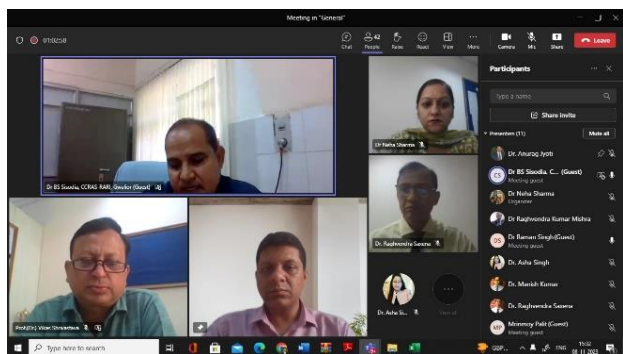
[Valedictory Function]



Saraswati Vandana & Lamp Lighting by the Dignitaries during valedictory session of 4thNational Workshop.



Address by Chief Guest,Dr. Brijesh S. Sisodia, Scientist, Central Council for Research in Ayurvedic Sciences, Gwalior during valedictory session of 4thNational Workshop



Concluding Remarks presented by Co-Convenor of the workshop Prof. (Dr.) Vikash Srivastava, Incharge HOI-AIB,Amity University, Gwalior during valedictory session of 4th National Workshop.



Vote of Thanks by Dr. Raghvendra Saxena, Associate Professor, AIB,during valedictory session of 4th National Workshop.



AMITY UNIVERSITY MADHYA PRADESH

Institute's Innovation Council

Report of Event/Activity

Name of Event/Activity:	Entrepreneurship and job scenario of biotech sector in India
Date:	20.09.2024
Venue:	Seminar Hall, Block-C
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior
Co-ordinator:	Prof.(Dr.) Vinay Dwivedi Prof.(Dr.) Raghvendra K. Mishra Dr. Anurag Jyoti
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Seminar
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	Institutional
Whether it is sponsored (Yes/ No):	No
If Yes then Sponsor Name and Details:	Not Applicable
Resource Person Details:	Mr. Mayank Raj Bhardwaj, CEO & Founder of Rapture Biotech Group

Brief Report of the Activity:

(i) Introduction (250-300 words): India's biotechnology industry is experiencing rapid growth as a knowledge-based sector, transforming human health, environment, agriculture, healthcare, industrial processing, and sustainability. Innovative entrepreneurship has the power to revolutionize society and drive national development.



To harness this potential, it's crucial to encourage and empower students to pursue entrepreneurship as a career path. By fostering a culture of innovation and entrepreneurship, we can unlock the sector's full potential and create a brighter future for generations to come. Amity Institute of Biotechnology, AUMP, Gwalior organised an expert lecture on "Entrepreneurship and job scenario of biotech sector in India" on 20 September 2024. Mr. Mayank Raj Bhardwaj, CEO & Founder of Rapture Biotech Group delivered his insightful talk on the entrepreneurship.

(ii) Aims/Objective(s) (100 Words):

- The objective of the guest lecture was to expose students with holistic and comprehensive knowledge of the biotechnology-based entrepreneurship.
- The lecture aimed to aware students about job scenario of biotech sector in India.
- The lecture aimed to motivate students to choose entrepreneurship as a career in biotechnology.

(iii) No of Faculty Participants: 10

(iv) No of Student Participants: 196

(v) Highlights of the Event/Activity (100 Words): Challenges, Opportunities, Examples, Future prospects etc.

The speaker emphasized on the importance of biotechnology and its contribution in nation building. He mentioned that India's biotech sector is growing rapidly, driven by government initiatives, funding, and innovation. Entrepreneurship and job opportunities are increasing, making biotechnology a promising career choice. He also pointed out the enormous opportunities of entrepreneurship in developing countries. He also stressed on solving the problems faced by society at large using biotechnology. He reiterated the value of inculcating an entrepreneurial spirit among students and emphasized that such events ignite the minds of students to become future entrepreneurs in biotechnology. Students and research scholars actively participated in the event and had a fruitful discussion on various challenges about entrepreneurship.

(vi) Outcome(s):

- The event provided an opportunity to directly interact with expert to identify the key areas of entrepreneurship development in biotechnology.
- Students gained profound understanding of job scenario in biotechnology in India.



- Research Scholars and Students have learnt about different aspects of entrepreneurship such as challenges, opportunities, team building etc.

(vii) Recording Link (Youtube/Zoom/MS Team):

Pre-event Link:

https://www.linkedin.com/posts/amityuniversitygwalior_amityuniversitymadhyapradesh-biotechnology-activity-7242560327937089536-s2_7?utm_source=share&utm_medium=member_desktop

Post Event Link:

https://www.linkedin.com/posts/dr-anurag-jyoti-71852641_amity-institute-of-biotechnology-amity-university-activity-7246770030170832896-v7Lt?utm_source=share&utm_medium=member_desktop

(viii) Enclosures (Brochure/Flyer):



(ix) Attendance Sheet (Participants):

S.No.	Enrollment No.	Name of Student
1.	A601182924003	Muskan
2.	A601137522002	Gayatri Yadav
3.	A601137522003	Garima Ekka



4.	A601137522005	Devyanshi
5.	A601137522004	Varun Krishnan Nair
6.	A601137523001	Shailja Kushwah
7.	A601137523002	Nishita Shukla
8.	A601137523003	Priyam Shakhya
9.	A601137523004	Khushi Ojha
10.	A601137523005	Vandana Tomar
11.	A60104423003	Kaustav Biswas
12.	A60104423024	Shimran Shayani
13.	A60104423022	Manya Singh
14.	A60104423020	Nimeesh Tiwari
15.	A60104423011	Somya Agrawal
16.	A60104423032	Prashant Singh
17.	A60104423030	Ashutosh Nair
18.	A60104423028	Soumyabrata Debnath
19.	A60104423026	Rudra thorat
20.	A60104423025	Deepti Ekka
21.	A60104423009	Kratika Mittal
22.	A60104423029	Krishan Kant Bhargav
23.	A60104423014	Naushin Parveen
24.	A60104423012	Nazish Parveen
25.	A60104423010	Christine Tirkey
26.	A60104423016	M. Sami Vastad
27.	A60104423023	Tanu Sharma
28.	A60104423021	Prakriti Singh
29.	A60104423017	Kriti Sharma
30.	A60104423002	Sunamika Srivastava
31.	A60104423001	Anamika Srivastava
32.	A60104423005	Divyanshi Jain
33.	A60104423019	Akrati Agarwal
34.	A60104423004	Bhoomika Rathore
35.	A60104423006	Simran Sharma
36.	A60104423018	Nakul Kumar
37.	A60104423027	Akanksha Bara
38.	A60104423015	Suyash Tiwari
39.	A60104423008	Bhavjot Singh Sethi
40.	A60104422011	Anushka Sharma
41.	A60104422003	Bhojwani Himanshu Sham
42.	A60104422002	Gauri Kukreja
43.	A60104422010	Jolly Robert
44.	A60104422007	Mahi Rastogi
45.	A60104422006	Mansi Sharma
46.	A60104422018	Harsh Pratap Singh Kushwah
47.	A60104422001	Shivam Kumar
48.	A60104422009	Sneha Chhetri
49.	A60104422008	Stuti Ingle
50.	A60104422016	Aryamaan Singh
51.	A60104422013	Kiran Tomar
52.	A60104422014	Anjali Devi M



53.	A60104422012	Anshika Bhadauriya
54.	A60104422019	Megha Choubey
55.	A601155124040	Mr Abhirup Das
56.	A601155124032	Mr Aditya Namdev
57.	A601155124026	Mr Animesh Pratap Singh Rana
58.	A601155124022	Ms Anuradha Dash
59.	A601155124011	Mr Ayush Dubey
60.	A601155124014	Ms Bhoomika Singh
61.	A601155124008	Ms Bhumika Soni
62.	A601155124042	Ms Chhavi Katiyar
63.	A601155124012	Mr Dhruv Gole
64.	A601155124021	Ms Esha Kispotta
65.	A601155124005	Mr Harsh Jadon
66.	A601155124052	Mr Harsh Sikarwar
67.	A601155124003	Ms Harsha Singh Sengar
68.	A601155124010	Mr Karan Sharma
69.	A601155124017	Ms Khushi Agrawal
70.	A601155124015	Mr Monu Rawat
71.	A601155124016	Ms Muskan Kumari
72.	A601155124007	Mr Naman Gole
73.	A601155124006	Mr Neetesh Prajapati
74.	A601155124001	Mr Nikhil Soni
75.	A601155124019	Ms Rashi Khatri
76.	A601155124056	Mr Riya Sharma
77.	A601155124013	Mr Rohit Suman
78.	A601155124034	Ms Rudra Gour
79.	A601155124043	Ms Sanya Jain
80.	A601155124009	Ms Seemon Bhadouriya
81.	A601155124027	Ms Shreya Chakraborty
82.	A601155124049	Ms Shreya Soni
83.	A601155124030	Mr Shruti Singh
84.	A601155124025	Ms Sitesh Gurjar
85.	A601155124039	Ms Sneha Rawat
86.	A601155124023	Mr Tushit Pandey
87.	A601155124020	Ms Vaishnavi
88.	A601155124018	Piyush Yadav
89.	A601155124024	Harshvardhan Dhule
90.	A601155124029	Nishant Dhakad
91.	A601155124031	Malay Sharma
92.	A601155124037	Harsh Sharma
93.	A601155124041	Khan Abdul Majid
94.	A601155124044	Utkarsh Karkhur
95.	A601155124045	Nasir Hussain
96.	A601155124047	Navdeep Kaur
97.	A601155124050	Niyati Gupta
98.	A601155124051	Prince Kumar
99.	A601155124053	Gaurav Lakshkar
100.	A6011551224054	Prince Gurjar
101.	A601155124055	Riya Bhadauriya



102.	A601155124056	Riya Sharma
103.	A60123720002	Anushka Mishra
104.	A60123720001	Eby Joy
105.	A60123720003	Manav Pandey
106.	A60123724001	Sakshi Tomar
107.	A60123724003	Kajal Sikarwar
108.	A60123724005	Ashika Sinha
109.	A60123724004	Akhansha Jha
110.	A60123722001	Anshuman Singh Shekhawat
111.	A60104123002	Piyush Kumar Singh
112.	A60104123003	Naman Shrivastava
113.	A60104123004	Piyush Chanderiya
114.	A60104123006	Niyati Jain
115.	A60104123015	Samarth Gupta
116.	A60104123007	Anurag Kumar
117.	A60104123009	Shubh Khare
118.	A60104123014	Isha Saxena
119.	A60104123008	Mrinmoy Palit
120.	A60104123011	Khushi Jain
121.	A60104123013	Mohnish Tiwari
122.	A60104123018	Khushi Savita
123.	A60104123012	Sahil Singh
124.	A60104123016	Kratika Bhadoria
125.	A60104123019	Raman Tyagi
126.	A60104123020	Ujjawal Anvekar
127.	A60104123021	Anushika Dixit
128.	A60104123022	Yana Soni
129.	A60104123023	Prachi Sharma
130.	A60104123024	Riya Jain
131.	A60104123025	Tanisha Chaturvedi
132.	A60104123026	Vipin Singh Tomar
133.	A60104123027	Vaishnavi Bhardwaj
134.	A60104124011	Ms Aastha Chopra
135.	A60104124013	Mr Amandeep Sharma
136.	A60104124006	Ms Anjali Singh
137.	A60104124024	Mr Ayush Dubey
138.	A60104124022	Ms Ayushi Dixit
139.	A60104124007	Mr Dhruv Dhukarya
140.	A60104124021	Ms Divya Bais
141.	A60104124030	Mr Divyansh Dixit
142.	A60104124010	Ms Divyanshi Kasotiya
143.	A60104124029	Ms Karnika Tiwari
144.	A60104124020	Ms Khushi Parmar
145.	A60104124023	Mr Krishna Mudgal
146.	A60104124026	Ms Manya Gupta
147.	A60104124014	Mr Md Aquib
148.	A60104124009	Mr Om Singh
149.	A60104124016	Mr Prashant Rathor
150.	A60104124005	Ms Preeti Shah



151.	A60104124003	Ms Priyanka Chandrakant Khobragade
152.	A60104124031	Ms Punya Chauhan
153.	A60104124018	Ms Richa Verma
154.	A60104124015	Ms Rishita Sharma
155.	A60104124002	Ms Ritu Singh
156.	A60104124004	Ms Saara Qureshi
157.	A60104124012	Ms Sanskriti Tiwari
158.	A60104124027	Mr Shubham Gour
159.	A60104124017	Ms Sunamrata Chauhan
160.	A60104124019	Ms Swarn Uxa
161.	A60104124001	Ms Tanya Singh
162.	A60104124008	Ms Tiya Jain
163.	A60104124025	Mr Varun Maheshwari
164.	A60104122001	Akshat Shrivastava
165.	A60104122009	Anshu Sharma
166.	A60104122010	Anurag Singh
167.	A60104122003	Asad Mohammed Syed
168.	A60104122007	Ayushi Lovichandra
169.	A60104122006	Deepakraj Singh Bhadouria
170.	A60104122004	Jyotirmay Shrivastava
171.	A60104122005	Lekhni Mandre
172.	A60104122002	Prince Dubey
173.	A60104122008	Raj Ojha
174.	A60104122019	Naman Gupta
175.	A60104122011	Vinamrata Chauhan
176.	A60104122014	Akanksha Tomar
177.	A60104122015	Ritu Singh Dhakad
178.	A60104122012	Tanisha Agrawal
179.	A60104122013	Meghna Pradhan
180.	A60104122016	Sumit Singh Bhadoria
181.	A60104122017	Priya Sikarwar
182.	A60104122020	Priyanshu Kumar Rajbhar
183.	A60104122022	Dhairya Singh
184.	A60104122023	Aishe Ghosh
185.	A60104122024	Radhika Singh Jadon
186.	A60104122025	Isha Singh
187.	A60104121020	Vishal Thapak
188.	A60100223001	Ms GAURANGI BHADOURIYA
189.	A60100223002	TANYA TOMAR
190.	A60100223003	PARUL SINGH
191.	A60100223004	ANKITA MISHRA
192.	A60100223005	ANUBHA NEMA
193.	A60100223006	MANSI PANDEY
194.	A60100223007	DIVYA SACHAN
195.	A60100223008	PURNIMA CHAUHAN
196.	A60100223009	CHHAVI SHARMA



(x) Photographs:











(xi) Sample Certificate (if any): Nil

(xii) Sample Feedback: Students were highly satisfied with the expert talk.





AMITY UNIVERSITY

MADHYA PRADESH

AMITY UNIVERSITY MADHYA PRADESH

Institute's Innovation Council

Report of Event/Activity

Name of Event/Activity:	Celebration of National Education Day
Date:	11.11.2024
Venue:	Seminar Hall, Block-D
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior
Co-ordinator:	Prof.(Dr.) Vinay Dwivedi Dr. Anurag Jyoti Dr. Neha Sharma
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Celebration & Seminar
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	Institutional
Whether it is sponsored (Yes/ No):	No
If Yes then Sponsor Name and Details:	Not Applicable
Resource Person Details:	Prof.(Dr.) D.D. Agarwal, Department of Chemistry, Jiwaji University, Gwalior

Brief Report of the Activity:



(i) Introduction (250-300 words): National Education Day is celebrated on November 11th November on birth anniversary of Maulana Abul Kalam Azad, India's first Education Minister. Amity Institute of Biotechnology, AUMP, Gwalior celebrated National Education Day. Prof.(Dr.) D.D. Agarwal, Department of Chemistry, Jiwaji University, Gwalior delivered his insightful talk on this occasion.

(ii) Aims/Objective(s) (100 Words):

- The objective of the guest lecture was to expose students with the importance of holistic education system.
- The lecture aimed to aware students about job scenario of biotech sector in India.
- The lecture aimed to motivate students to choose entrepreneurship and startup as a career in biotechnology.

(iii) No of Faculty Participants: 8

(iv) No of Student Participants: 171

(v) Highlights of the Event/Activity (100 Words): Challenges, Opportunities, Examples, Future prospects etc.

The speaker emphasized on the importance of education of biotechnology. He mentioned about the changing paradigms of biotechnology and allied branches. Biotechnology industries are growing rapidly in India. Universities need to align themselves as per the need of the industries and upgrade their syllabus. Apart from the conventional teaching and research, students need to be motivated for opening their own start-ups and encouraged to become entrepreneurs. He reiterated the value of inculcating multidisciplinary and interdisciplinary education for the students.

(vi) Outcome(s):

1. Increased awareness about importance of biotechnology education.
2. Encouragement of innovation and lateral thinking.
3. Students got motivated for lifelong learning.

(vii) Recording Link (Youtube/Zoom/MS Team):

Pre-event Link:



https://www.instagram.com/p/DCL2sYLoSPw/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA
≡

<https://www.facebook.com/share/p/1Avor7T2oY/>

<https://www.linkedin.com/feed/update/urn:li:activity:7261305344507748353>

<https://x.com/AmityGwalior/status/1855540405980512442>

Post Event Link:

https://www.linkedin.com/posts/dr-anurag-jyoti-71852641_amity-institute-of-biotechnology-amity-university-activity-7262723834519134209-LvLK?utm_source=share&utm_medium=member_desktop

(viii) Enclosures (Brochure/Flyer):

AMITY UNIVERSITY
— MADHYA PRADESH —

AMITY INSTITUTE OF BIOTECHNOLOGY
Celebrates
National Education Day

Guest Speaker
Prof. (Dr.) D.D. Agarwal,
Department of Chemistry,
Jiwaji University, Gwalior

Event Coordinators:
Prof. (Dr.) Vinay Dwivedi
Dr. Anurag Jyoti
Dr. Neha Sharma

11th NOVEMBER 2024
12:00 PM ONWARDS

(ix) Attendance Sheet (Participants):



S.No.	Enrollment No.	Name of Student
197.	A601182924003	Muskan
198.	A601137522002	Gayatri Yadav
199.	A601137522003	Garima Ekka
200.	A601137522005	Devyanshi
201.	A601137522004	Varun Krishnan Nair
202.	A601137523003	Priyam Shakhya
203.	A601137523004	Khushi Ojha
204.	A601137523005	Vandana Tomar
205.	A60104423003	Kaustav Biswas
206.	A60104423024	Shimran Shayani
207.	A60104423022	Manya Singh
208.	A60104423020	Nimeesh Tiwari
209.	A60104423011	Somya Agrawal
210.	A60104423032	Prashant Singh
211.	A60104423030	Ashutosh Nair
212.	A60104423028	Soumyabrata Debnath
213.	A60104423026	Rudra thorat
214.	A60104423025	Deepti Ekka
215.	A60104423009	Kratika Mittal
216.	A60104423029	Krishan Kant Bhargav
217.	A60104423014	Naushin Parveen
218.	A60104423012	Nazish Parveen
219.	A60104423010	Christine Tirkey
220.	A60104423016	M. Sami Vastad
221.	A60104423023	Tanu Sharma
222.	A60104423021	Prakriti Singh
223.	A60104423017	Kriti Sharma
224.	A60104423002	Sunamika Srivastava
225.	A60104423001	Anamika Srivastava
226.	A60104423005	Divyanshi Jain
227.	A60104423019	Akrati Agarwal
228.	A60104423004	Bhoomika Rathore
229.	A60104423006	Simran Sharma
230.	A60104423018	Nakul Kumar
231.	A60104423027	Akanksha Bara
232.	A60104423015	Suyash Tiwari
233.	A60104423008	Bhavjot Singh Sethi
234.	A60104422011	Anushka Sharma
235.	A60104422003	Bhojwani Himanshu Sham
236.	A60104422002	Gauri Kukreja
237.	A60104422010	Jolly Robert
238.	A60104422007	Mahi Rastogi
239.	A60104422016	Aryamaan Singh
240.	A60104422013	Kiran Tomar
241.	A60104422014	Anjali Devi M
242.	A60104422012	Anshika Bhadauriya
243.	A60104422019	Megha Choubey
244.	A601155124040	Mr Abhirup Das



245.	A601155124032	Mr Aditya Namdev
246.	A601155124026	Mr Animesh Pratap Singh Rana
247.	A601155124022	Ms Anuradha Dash
248.	A601155124011	Mr Ayush Dubey
249.	A601155124014	Ms Bhoomika Singh
250.	A601155124008	Ms Bhumika Soni
251.	A601155124042	Ms Chhavi Katiyar
252.	A601155124012	Mr Dhruv Gole
253.	A601155124021	Ms Esha Kispotta
254.	A601155124005	Mr Harsh Jadon
255.	A601155124052	Mr Harsh Sikarwar
256.	A601155124003	Ms Harsha Singh Sengar
257.	A601155124010	Mr Karan Sharma
258.	A601155124017	Ms Khushi Agrawal
259.	A601155124015	Mr Monu Rawat
260.	A601155124016	Ms Muskan Kumari
261.	A601155124007	Mr Naman Gole
262.	A601155124006	Mr Neetesh Prajapati
263.	A601155124001	Mr Nikhil Soni
264.	A601155124019	Ms Rashi Khatri
265.	A601155124056	Mr Riya Sharma
266.	A601155124013	Mr Rohit Suman
267.	A601155124034	Ms Rudra Gour
268.	A601155124043	Ms Sanya Jain
269.	A601155124009	Ms Seemon Bhadouriya
270.	A601155124027	Ms Shreya Chakraborty
271.	A601155124049	Ms Shreya Soni
272.	A601155124030	Mr Shruti Singh
273.	A601155124025	Ms Sitesh Gurjar
274.	A601155124039	Ms Sneha Rawat
275.	A601155124023	Mr Tushit Pandey
276.	A601155124020	Ms Vaishnavi
277.	A601155124018	Piyush Yadav
278.	A601155124024	Harshvardhan Dhule
279.	A601155124029	Nishant Dhakad
280.	A601155124031	Malay Sharma
281.	A601155124037	Harsh Sharma
282.	A601155124041	Khan Abdul Majid
283.	A601155124044	Utkarsh Karkhur
284.	A601155124051	Prince Kumar
285.	A601155124053	Gaurav Lakshkar
286.	A6011551224054	Prince Gurjar
287.	A601155124055	Riya Bhadauriya
288.	A601155124056	Riya Sharma
289.	A60123720002	Anushka Mishra
290.	A60123720001	Eby Joy
291.	A60123720003	Manav Pandey
292.	A60123724001	Sakshi Tomar
293.	A60123724003	Kajal Sikarwar



294.	A60123724005	Ashika Sinha
295.	A60123724004	Akhansha Jha
296.	A60123722001	Anshuman Singh Shekhawat
297.	A60104123002	Piyush Kumar Singh
298.	A60104123003	Naman Shrivastava
299.	A60104123004	Piyush Chanderiya
300.	A60104123006	Niyati Jain
301.	A60104123015	Samarth Gupta
302.	A60104123007	Anurag Kumar
303.	A60104123009	Shubh Khare
304.	A60104123014	Isha Saxena
305.	A60104123008	Mrinmoy Palit
306.	A60104123011	Khushi Jain
307.	A60104123013	Mohnish Tiwari
308.	A60104123018	Khushi Savita
309.	A60104123012	Sahil Singh
310.	A60104123016	Kratika Bhadoria
311.	A60104123019	Raman Tyagi
312.	A60104123020	Ujjawal Anvekar
313.	A60104123021	Anushika Dixit
314.	A60104123022	Yana Soni
315.	A60104123023	Prachi Sharma
316.	A60104123024	Riya Jain
317.	A60104123025	Tanisha Chaturvedi
318.	A60104123026	Vipin Singh Tomar
319.	A60104123027	Vaishnavi Bhardwaj
320.	A60104124011	Ms Aastha Chopra
321.	A60104124013	Mr Amandeep Sharma
322.	A60104124006	Ms Anjali Singh
323.	A60104124024	Mr Ayush Dubey
324.	A60104124022	Ms Ayushi Dixit
325.	A60104124007	Mr Dhruv Dhukarya
326.	A60104124021	Ms Divya Bais
327.	A60104124030	Mr Divyansh Dixit
328.	A60104124010	Ms Divyanshi Kasotiya
329.	A60104124029	Ms Karnika Tiwari
330.	A60104124020	Ms Khushi Parmar
331.	A60104124023	Mr Krishna Mudgal
332.	A60104124026	Ms Manya Gupta
333.	A60104124014	Mr Md Aquib
334.	A60104124009	Mr Om Singh
335.	A60104124015	Ms Rishita Sharma
336.	A60104124002	Ms Ritu Singh
337.	A60104124004	Ms Saara Qureshi
338.	A60104124012	Ms Sanskriti Tiwari
339.	A60104124027	Mr Shubham Gour
340.	A60104124017	Ms Sunamrata Chauhan
341.	A60104124019	Ms Swarn Uxa
342.	A60104124001	Ms Tanya Singh



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349.	A60104122007	Ayushi Lovichandra
350.	A60104122006	Deepakraj Singh Bhadouria
351.	A60104122004	Jyotirmay Shrivastava
352.	A60104122005	Lekhni Mandre
353.	A60104122002	Prince Dubey
354.	A60104122008	Raj Ojha
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356.	A60104122011	Vinamrata Chauhan
357.	A60104122014	Akanksha Tomar
358.	A60104122015	Ritu Singh Dhakad
359.	A60104122012	Tanisha Agrawal
360.	A60104122013	Meghna Pradhan
361.	A60104122016	Sumit Singh Bhadoria
362.	A60104122017	Priya Sikarwar
363.	A60104122020	Priyanshu Kumar Rajbhar
364.	A60104122022	Dhairya Singh
365.	A60104122023	Aishe Ghosh
366.	A60104122024	Radhika Singh Jadon
367.	A60104122025	Isha Singh

(x) Photographs:









(xi) Sample Certificate (if any): Nil

(xii) Sample Feedback: Students were highly satisfied with the expert talk.



