



RAMA DEVI WOMEN'S UNIVERSITY

Vidya Vihar, Bhubaneswar-751022

OFFICE OF THE DIRECTOR, IQAC

SEMINARS/CONFERENCES/WORKSHOPS/WEBINARS CONDUCTED BY DEPARTMENT OF BIOTECHNOLOGY

1. Event: Conference

2. **Title of the Event** :International Conference on Biotechnology towards Nutritional security and Human Health (ICBNH-2021)

3. **Date & Duration**: 04/03/2021-6/03/2021, 2 days

4. **Objective/Motivation of the Event**: ICBNH-2021 aimed to bring together various researchers working in industries and academia to provide an innovative and comprehensive overview of recent advances in biotechnology in relation to better food, crop improvement, stress tolerance, environmental protection and healthcare.

5. **Theme of the Event**: Nutritional Security and Human Welfare

6. **Funding Agency**: None

i. **Funds Received (In Rs.)**: NIL

7. Technical Session (Details)

i. **No. of Technical sessions conducted**: 03 (Three)

ii. **Title of the Technical sessions**:

Session I: Biotechnology & Crop Improvement

Session II: Biotechnology & Human Welfare

Session III: Medical Biotechnology & Human Health

iii. **Chairperson of the technical session**:

Session I Chair: Dr. Raj Kumar Joshi, HOD, Biotechnology, RDWU

Session II Chair: Dr. Sujata Mohanty, Dept. of Biotechnology, RDWU

Session II Chair: Prof. Sasmita Mohanty, Dept. of Biotechnology, RDWU

8. Resource persons (Details):

Sl. No.	Name	Designation	Affiliation/Institute	Specialization	Title of the Talk
1	Prof. Kaijun Zhao	Professor	Chinese Academy of Agricultural Sciences, Beijing, China	Plant Biotechnology	Genome Editing for Rice Improvement
2	Prof. BaoHong Zhang	Professor	East Carolina University, Greenville, SC, USA.	Plant Molecular Biology & Genomics	MicroRNA based Biotechnology for Crop Improvement
3	Dr. Swati Megha	Assistant Professor	University of Alberta, Edmonton, Canada	Functional Genomics	MicroRNA mediated cold stress response in Canola
4	Prof. Utpal Bora	Professor	Indian Institute of Technology, Guwahati	Genetic regulations, IPR & Biosafety	Technology and Policy in Food Security
5	Dr.	Asst.	Suleyman Demiral	Microbial	Microbial Biotechnology

	Sandeep Panda	Professor	University, Turkey	Biotechnology	for the Treatment of Mineral-Metal Wastes
6	Dr. Ibrahim Fatih Cengiz	Asst. Professor	3B Research Group, University of Minho, Portugal	Tissue Engineering	Future of Clinical Management of Meniscus lesions: The Role of Tissue Engineering
7	Prof. Nihar Nayak	Professor	Wayne State University School of Medicine, Michigan, USA	Medical Biotechnology	The Biology of Blaming your Health on Moms
8	Dr Subhash Das	Senior Scientist	Takeda Pharmaceuticals Limited, Cambridge, Massachusetts, USA.	Infection Biology	Preclinical Development of Vaccines against Emerging Infectious Diseases: Kill the Foe before it Strikes
9	Dr. Sujit Pujhari	Asst. Professor	School of Medicine, University of South Carolina, SC, USA	Medical Virology	Gene Therapy to Vaccine Delivery: Harnessing the Survival Tricks of Viruses

9. Participants Details (Indicate Numbers only and attach attendance sheet)

- i. **Scientists/Faculty: 28**
- ii. **Ph. D. Scholar: 44**
- iii. **Students: 136**
 - a. **UG**
 - b. **PG**
 - c. **M. Phil**

10. Outcomes of the Event: The virtual conference provided an innovative and comprehensive overview of recent advances in Biotechnology in relation to better food, crop improvement, stress tolerance, environmental protection and healthcare.

11. Recommendations (if any): The organizing committee recommended the conduct of sequel events in consecutive years to focus on global research challenges and solutions in the field of Biotechnology towards food and nutritional security and human health.

12. Selected Photographs (5 only) : Enclosed



Prominent speakers at the International conference included,

1. **Prof. Boa Hang Zhang**, East Carolina University, USA.
2. **Prof. Kaijun Zhao**, Chinese Academy of Agricultural Sciences, Beijing, China.
3. **Dr. Sujit Pujari**, University of South Carolina, USA.
4. **Dr Subash Das**, Takeda Pharmaceuticals, Cambridge, USA.
5. **Prof. Nihar Nayak**, University of Missouri, Kansas City, USA.
6. **Dr. Ibhrahim Cengiz**, 3B Research Group, University of Minho, Portugal.