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RKDF UNIVERSITY



Date: August 1st & 2nd, 2025

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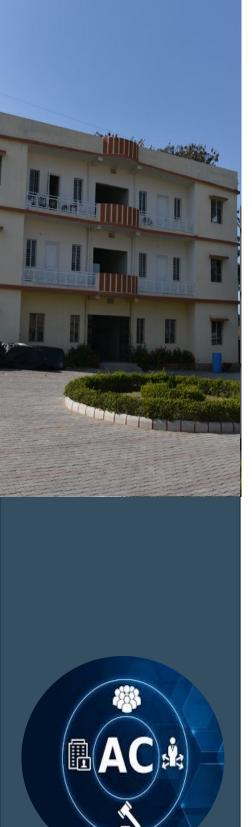
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Ranchi University

Our Keynote Speakers...



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Prof. (Dr.) Koushik Ghosh
Professor of Zoology
Aquaculture Laboratory, Department of Zoology
The University of Burdwan
East Burdwan, West Bengal



Dr. Asish BhaumikAssociate Professor
Department of Pharmaceutical Chemistry
Girijananda Chowdhury University
Tezpur, Assam



Prof. (Dr.) Kaushik KumarProfessor
Department of Mechanical Engineering
BIT Mesra, Jharkhand



Dr. Situ Rani PatreAssistant Professor Grade-I
Department of Electronic and Communication
Engineering
NIT Rourkela, Odisha



Dr. Vikas Kumar Pandey
Assistant Professor
Department of Computer Science & Information
Technology
Guru Ghasidas Central University
Bilaspur, Chhattisgarh



Dr. Rajnish ChoubeyAssociate Professor and Head
Department of MCA
Bansal Institute of Science & Technology
Bhopal, Madhya Pradesh





About RKDF University Ranchi



It was in the year 2018, Dr. Sunil Kapoor, the founder decided to fulfill his dream of establishing an institute for quality education to the people and the region & beyond initiated "Ayushmati Education and Social Society" trust in an attempt to make the holy city of Ranchi, a recognized destination for knowledge seekers from different spheres of life and strive to become one of the best Universities in Jharkhand. This is what led to the foundation of a milestone at the karmabhoomi of the versatile and sagacious Bhagwan Birsa Munda. RKDF group has been actively involved with social causes since its very inception and has drawn appreciation from one and all for its works in various facets of societal paradigms. The Group started its journey in 1994 by establishing 1st private engineering college at Bhopal, Madhya Pradesh. Now the group has 162 institutions & 6 universities (Five in Madhya Pradesh and one in Jharkhand). The six universities and social society established by Ayushmati Education are RKDF University, Bhopal (2011), Sri Satya Sai University of Technology & Medical Science, Sehore (2014), Sarvepalli Radhakrishna University, Bhopal (2015), Dr. A.P.J. Abdul Kalam University, Indore (2016), Bhabha University, Bhopal (2018), RKDF University, Ranchi (2018). RKDF Ranchi is a highly prestigious government recognized university established under the Jharkhand Govt. Act & registered under UGC 2f 1956. RKDF University, Ranchi is a recognized member of AIU (Association of Indian Universities) and has publication house, named IJHESM (International Journal of Humanities, Engineering, and Science & Management) with an impact factor of SJIF-5.81.



About the Departments...

The **Institute of Pharmaceutical Sciences** at RKDF University Ranchi prepares students for successful careers in the pharmaceutical industries, fostering a strong foundation in both traditional and emerging disciplines within the field of Pharmaceuticals. The faculty is likely to emphasize hands-on practical training, research projects, and collaboration with industries or research institutions to provide students with a well-rounded education. The university's commitment to fostering a conducive learning environment, along with experienced faculty members and state-of-the-art facilities, is contributing to the overall academic experience for students pursuing studies in Pharmaceutical Sciences.

The Faculty of Life Sciences offers diverse programs covering areas such as Zoology, Botany, Biochemistry, Microbiology Biotechnology, and related disciplines. The faculty is likely to emphasize hands-on practical training, research projects, and collaboration with industries or research institutions to provide students with a well-rounded education in life sciences. The university's commitment to fostering a conducive learning environment, along with experienced faculty members and state-of-the-art facilities, is contributing to the overall academic experience for students pursuing studies in life sciences. The Dept. of Life Science, RKDF University, Ranchi also received a sponsored project from Central Coal Fields Limited; Ranchi (A Mini Ratna Govt. Undertaking) entitled "Treating the Infected Trees with the Help of Tree Ambulance". The purpose behind this unique initiative is to treat infected trees and plants. So, under the initiative, which is one of its kinds, we not only plant trees but also ensure that the trees are being taken care of.

The **Faculty of Engineering** aim is to address the world's most pressing challenges with science and technology. To achieve this aim, the department collaborates with other disciplines, institutions, companies and entrepreneurs and adopts an integrated approach to research and teaching. The department imparts practical insights to the students through well equipped state-of-art laboratories, Industrial visits and value addition courses. Engineering department offered Diploma, B.Tech. and PhD degree programmers in Mechanical, Civil, Mining Computer Science and Electrical and Electronics Engineering.

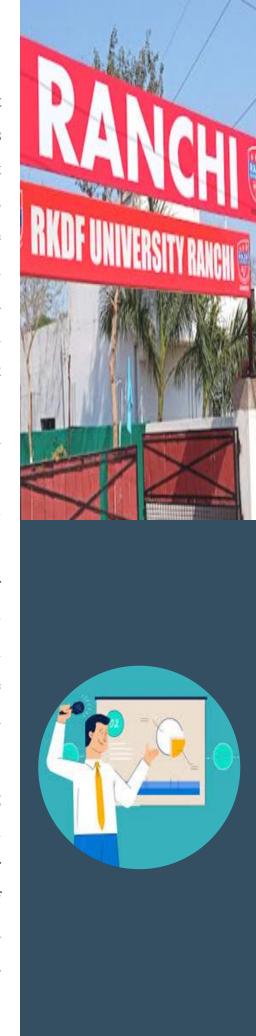
The **Faculty of Basic Science** was founded in the year 2018 and since then it has steadily developed into a leading Centre of research and teaching in RKDF University Ranchi. Students can pursue Chemistry, Physics, Mathematics and specialized courses like Applied Chemistry, Applied Physics, Applied mathematics. The department also caters to diverse fields, offerings Bachelor of Science, and Master's programs with a commitment to excellence in education and research.

About the Conference...

The National Conference on SymbioSphere 2025: Recent in **Sciences** and **Technology Towards** Sustainable Environment and Healthcare is a significant academic platform designed to explore the latest innovations and research in life and pharmaceutical sciences. The conference aims to foster interdisciplinary collaboration between researchers, academicians, professionals, and students, providing them with a forum to exchange ideas and insights into the current advancements in these fields. It covers a broad range of topics including drug discovery, biotechnology, disease management, medical clinical research, and emerging trends in healthcare.

Participants engage in discussions about the impact of new technologies and scientific breakthroughs on public health, focusing on how these advancements contribute to better disease prevention, effective treatments, and overall well-being. The conference also addresses pressing challenges in the pharmaceutical industry, such as drug resistance, the development of personalized medicine, and innovations in biotechnology.

By facilitating the exchange of knowledge and promoting networking opportunities, this conference plays a key role in shaping future research directions and strategies for improving human health. It emphasizes the importance of scientific progress in tackling global health challenges and aims to inspire innovative solutions that can lead to a healthier and more sustainable future.







- •AI-Driven Drug Discovery
- •Pharmacogenomics and Personalized Drug Treatments
- •mRNA Vaccines and Future Prospects
- •Green Chemistry in Pharmaceutical Development
- •Advances in Vaccine Technologies
- •Nanotechnology in Drug Discover & Development
- •AI-Assisted Diagnostics in Primary Care
- •Bioengineering Solutions for Chronic Diseases
- •Neuro Pharmacology and Novel Treatments for Neurodegenerative Diseases
- •Advances in Genomic Medicine
- Personalized Medicine and Precision Therapies
- •Breakthroughs in Stem Cell Research
- •Synthetic Biology for Health Solutions
- •Novel Biomaterials for Implants and Prosthetics
- Advanced Biomaterials for Wound Healing
- •Neuroscience Breakthroughs in Brain-Computer Interfaces
- •Telemedicine and Remote Patient Monitoring
- •Digital Tools for Mental Health Management
- •Biodiversity and Emerging Infectious Diseases
- •Environmental Engineering
- •Waste to Energy
- •Environmental Toxicology and Human Health
- •Ecosystem Restoration and Its Role in Health
- •Environmental Education for Health Awareness
- •Green Concrete
- •Sustainable Construction
- •Wearable Health Monitoring Devices
- •AI in Medical Imaging and Diagnostics
- •Innovations in Robotic Surgery
- •3D Printing in Biomedical Engineering
- •Advanced Hydrogels in Regenerative Medicine
- •The Future of AI in Surgical Robotics
- •Smart Sensors for Health Monitoring
- Artificial Organs and Tissue Printing
- •Advanced Robotics for Rehabilitation
- •Energy-Efficient Medical Devices for Resource-Limited Settings
- •Smart Materials for Medical Applications
- •Digital Health Tools for Pandemic Preparedness



Announcement/ Invitation...

Guidelines for Abstract Submission

Abstract (not exceeding 250 words) of original work are invited for oral presentation. Include title, names of all the authors, affiliations and email address of the corresponding authors in the abstract. The name of the presenting author should be underlined. The abstract must be formatted in Microsoft **Office Word in Times New Roman (Font Size** 12 pt) with 1.5 line spacing.

Publication Cost: Rates will be charged as per the guidelines of the journal

Dear Fellow Scientists, Scholars, Faculties, Entrepreneurs and Students, On behalf of the Organizing Committee of "SymbioSphere 2025", it is our great privilege to extend an invitation to the National Conference entitled "SymbioSphere 2025: Recent Advances in Sciences and Technology Towards Sustainable Environment and Healthcare" This important event, to be hosted at RKDF University, Ranchi, Jharkhand, India, aims to be a confluence of ideas and innovations in the realm of different aspects of Pharmaceutical Sciences, Life Sciences, Basic Sciences and Engineering.



All delegates must register themselves by first paying the registration fee (details given next page) and then feel the registration form. Abstract for oral or poster presentation should be sent to symbiosphere2025@rkdfuniversity.org along with the registration fee payment proof (Transaction Id or Fee Receipt). Kindly note that the registration fee does not include any provision of accommodation. All delegates are requested to kindly ensure their own accommodation well in advance.

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Bank Name:

Punjab National Bank

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Account No.:

0939002100100106296

IFSC Code:

PUNB0093900

Acc. Holder's Name:

Acc. Holder's Name:

CEO RKDF University Ranchi



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UG Students	INR 800/-	INR 1000/-	INR 1200/-
PG Students	INR 1200/-	INR 1500/-	INR 2000/-
Research Scholars	INR 1500/-	INR 2000/-	INR 2500/-
Faculty & Scientist	INR 2000/-	INR 2500/-	INR 3000/-
Industry Person	INR 2500/-	INR 3000/-	INR 3500/-
Stall Setup / Day	INR 6000/-		NA
Accompanying Person	1000/- per person		NA

Registration fees include admission to all conference sessions, lunch & refreshments along with conference kit and certificate

Important Dates

Abstract Submission Deadline: July 15, 2025

Acceptance Notification:

July 20, 2025

Manuscript Submission Deadlines:

July 25, 2025

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Contact Information

Dr. Rajeev Ranjan 9798715609

Dr. Nilu Kumari 8210590662

Dr. Mainak Banerjee 9681982959

Mr. Milan Nandi 8001343454

Mr. Manab Dey 7872379092

For more details visit our website https://rkdfuniversity.org or mail at symbiosphere2025@rkdfun iversity.org

Places to Visit in Ranchi...



Dassam Falls



Jonha Falls



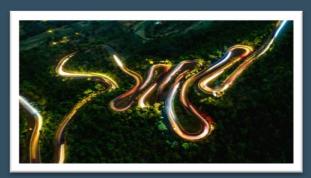
Tagore Hill



Ranchi Lake



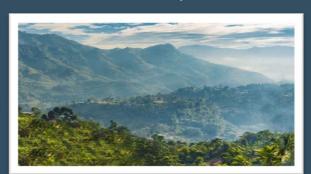
Rock Garden



Patratu Valley



Sun Temple



Netarhat Hill Station



Perwaghagh Falls



Bhagwan Birsa Biological Park