


## Prof. Dr. RAKESH DAS

<b>CURRENT PROFILE</b>  Prof. Dr. Rakesh Das Designation: Professor University ID: 55906 Date of Joining: 14-12-2022 Email ID: rakesh1.das@adamasuniversity.ac.in Active Ph. +91-9863140842	<b>Permanent &amp; Comm. Address:</b> Flat. No.: G-302; Pushpakalay Housing Society complex, On Barasat-Berakhpur road, Jagannathpur, Landmark- Near to Adamas University, Barasat, Kolkata; Pin- 700126; West Bengal : INDIA; Mob- <b>+91- 9863140842</b> (INDIA); <a href="mailto:rdas.jupharmtech@gmail.com">rdas.jupharmtech@gmail.com</a> ;	
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### EDUCATION

<b>Jadavpur University</b> , Department of Pharmaceutical Technology, Jadavpur, Kolkata, WB, INDIA; <b>PhD</b> in Clinical Pharmacy. (Top 05 Govt. University in India, NIRF ranking ; <b>1029</b> world ranking) <b>TITLE-</b> "Clinical investigation to drug interaction between Olmesartan & Atorvastatin through LCMS/MS as combined dosage form on marketed Product"	<b>May, 2016</b>
<b>Jadavpur University</b> , Jadavpur, South 24 Paragana <b>Master of Pharmacy, Department of Clinical Pharmacy University: Jadavpur University</b> (Top 05 Govt. University in India) <b>Thesis:</b> Prospective Observational study of vancomycin in different modalities of Hemodialysis patients <b>Performance:</b> First class & first division with <b>CGPA</b> grade of <b>8.13</b> out of 10 points	<b>June, 2009</b>
<b>Tripura University (Central Government University)</b> <b>Bachelor of Pharmacy, Department of Pharmaceutical Science and Technology Thesis:</b> Formulation of Cetirizine hydrochloride oral drops (1mg/ml) for infant used and stability study of the formulation <b>Performance:</b> First Class with 70.05% aggregate marks	<b>January, 2004</b>
<b>Regional Institute of Pharmaceutical Science and Technology (State Government)</b> , Agartala, Tripura (West) <b>Diploma in Pharmacy, Department of Pharmaceutical Science and Technology Board:</b> Tripura Board Of Pharmacy Education (Tripura State Board) <b>Performance:</b> First Class with 71.2% aggregate marks	<b>July, 1997</b>

### TEACHING EXPERIENCE

<b>Department of Pharmaceutical Technology, School of Health and Medical Sciences, Adamas University (NAAC "A"), Barasat, Kolkata, West Bengal, INDIA</b>	<b>14-12-2022 to till date</b>
<b>Department of Pharmacy Practice, College of Pharmaceutical Sciences, Dayananda Sagar University (NAAC "A+"), Kumarswami Layout, Bangalore, INDIA</b>	<b>27-12-2021 to 12-12-2022</b>
<b>Department of Pharmacy Practice, Lovely Professional University, Phagwara, Punjab, INDIA</b>	<b>16-09-2019 to 7-12-2021</b>
<b>Department of Clinical Pharmacy, King Khalid University (Government); Abha; Kingdom of Saudi Arabia. Designation: Assistant Professor.</b>	<b>16-09-2018 to 17-08-2019</b>
<b>College of Pharmacy, Teerthanker Mahaveer University, Moradabad, UP, HoD Designation: Associate Professor (Pharm. D)</b>	<b>13-11-2015 to 10-09-2018</b>
<b>IPS College of Pharmacy, Gwalior, Madhya Pradesh (M.P.), India. Designation : Assistant Professor</b>	<b>20-10-2009 to 07-11-2015</b>
<b>Calcutta Institute of Pharmaceutical Technology and Allied Health Science</b> Banitabla, Uluberia, Howrah, West Bengal, India <b>Designation : Lecturer</b>	<b>22-02-2004 to 24-03-2007</b>

**CREDENTIALS: H-Index- 07; Citation- 35; Publications:** International- 30, National-04; **Conferences - 05 (International);**

## **Recent Paper Publications & Patents (2020-25)**

### **Research patent**

2020 (published)	Patent (Indian)	Rakesh Das*. Development of single super-Antibiotics against expected super-infections and process thereof. Application No.- 202011051496 date- 26/11/2020
2021 (published)	Patent (Indian)	Rakesh Das*, Navneet Khurana, Jaspreet Kaur, Dwarka Niranjana.P. Novel electro- thermal transdermal device and process thereof. Application No.: 202111033082; date- 23/07/2021
2022 (published)	Patent (Indian)	Rakesh Das*, Navneet Khurana, Jaspreet Kaur. A novel formulation of Panax Sokpayensis and process thereof. Application No: 202111040217; date- 27/05/2022
2022 (published)	Patent (Indian)	Rakesh Das*, V. Murugan. Air condition auto regulatory Jacket for transdermal drug delivery system through cold diffusion technique. Application No. 202241049103; date- 29/08/2022
2023 (published)	Patent (Indian)	Rakesh Das*, Sandip Mondal: Time specific anti-psychotic aromatherapy device.Date of publication- 09/06/2023. 202331037902 A
2023 (published)	Patent (Indian)	Rakesh Das*, Sandip Mondal. A formulation of crypto-kinetic transient energy based dopamine stabilizing anti-crime product and method thereof. Publication Date : 08/12/2023; Application No.202331068603 A

### **PAPER PUBLICATION IN ADAMAS UNIVERSITY**

**1]** Rakesh Das, Sandip Mondal. Gold Nanoparticle Coated Biocompatible Polymeric Matrix Mesh Plasticizers Embedded over Polyvinyl Chloride Plastic Porous Grid: Designed Reusable Microbial Screening Mask and Its Application. Journal of Environmental Informatics Letters 11(1) 12-20 (2024): pp-12-20.

**2]** Rakesh Das, Sandip Mondal, Manish Gautam, Chaitali Mallick, Ankita Gon, Manisha Nath. Exploring herbal approaches for type-II Diabetes Management: A focus on Swertia Chirayita. Current Traditional Medicine, 2025; 11 (4).  
<http://dx.doi.org/10.2174/0122150838284991240215055924>

**3]** Bitasta Mondal, Rakesh Das, Sandip Mondal. Anthocyanins: Potential phytochemical candidates for the amelioration of non-alcoholic fatty liver disease. Annales Pharmaceutiques Francaises, 2024 ; 82(3): Pages 373-391.

**4]** Rakesh Das, Sandip Mondal, Tamal Mondal, Rupashri Nath, Bidhan Mahajan Anirbandeep Bose, Dibya Das. Harnessing Activated hydrochars: Anovel Approaches for Pharmaceutical contaminant removal. Journal of carbon research, 2024. 10(1), 8; <https://doi.org/10.3390/c10010008>.

**5]** S. Amathaa, Rakesh Das, M.K. Gautam, S. Mondal. Biotechnological novel drugs delivery systems for age-related macular degeneration. Archivos de la Sociedad Española de Oftalmología, September 2025, 100(9), PP 537-548.

## BOOK CHAPTER:

1. Sandip Mondal, Manish Gautam, Rakesh Das, Sagnik Chakraborty, Soma Das, Arnab Chakraborty. Role of Quorum Quenching in Pathogen control in Aquaculture. The Royal Society of Chemistry, (2024).
2. Rakesh Das, Sandip Mondal. Aquatic Resource of Blue Bio-economy prospecting. Marine Bioprospecting for Sustainable Blue-bioeconomy, (2024); pp-3-23.
3. Rakesh Das, Sourav Ghosh, Ayan Chatterjee. Probiotics: For the mitigation of inflammation based lung cancer. The Role of Probiotics in Cancer Management (2025), 1st Edition. Taylor & Francis.
4. Rakesh Das, Sourav Ghosh, Ayan Chatterjee. Internet of things application to study the spontaneous quantitative drugs detoxification through biosensor. Mining Biomedical Text, Images and Visual Features for Information Retrieval (2025), Elsevier- Academic press; pp 119-149.
5. Sandip Mondal, Manish kumar Gautam, Rakesh Das. Emerging trends in antimicrobial use for sustainable food preservation. Antimicrobials for Sustainable Food Storage (2024); Taylor & Francis; 1st Edition.
6. Rakesh Das, Sandip Mondal. Integration of Metaverse Technologies in smart Healthcare systems. Springer nature (2024).....Accepted

**Book-** 1 (LAP); <https://www.morebooks.de/gb/search?utf8=%E2%9C%93&q=978-613-4-96379-4>

## SELECTIVE RESEARCH PUBLICATIONS (Before-2020)

- 1] **Rakesh Das**, Dr. Tapan Kumar Pal, Bankim Chndra Nandi, Subhabrata Duttagupta. Development of method of analysis for estimating vancomycin in blood plasma by RP-HPLC method: Application for in-vivo studies. Der Pharmacia letter, 2010; 2(1), 201-210.
- 2] **Rakesh Das**, Jagdish Sahu, Dr. R.N. Gupta. Potentative activity of *Cucurbita Maxima* seed extract with Beta vulgaris & Smilax Regelu root extract to reduce the extra fat from the body. International Journal of Phharm. Sc. And Research, 2010; 2(4), 56-62. **[Elsevier-indexed]**
- 3] **Rakesh Das**, Dr. Tapan Kumar Pal, Dr. Atul Kaushik. Fastest Dispensible Tablet: in-vivo study of Calcium carbonate as anthelmintic against acute infection of *Enterobius vermicularis* to children, with triple effects. Drug invention today, 2010; 2(4), 226-228. **[Elsevier-indexed]**
- 4] **Rakesh Das**, Dr. Atul Kaushik, Dr. Tapan Kumar Pal. Anti-inflammatory study of antidote *Aristolochia indica* to the venom of *Heteropneustes fossilis* in rats. Journal of chem & Pharm. Research, 2010; 2(2), 554-562.
- 5] **Rakesh Das**, Subhabrata Duttagupta, Dr. Tapan Kumar Pal. Prospective Observational Study of vancomycin injection in SLED patients of Ethnic Indians. International Journal of Drug Delivery, 2010; 2, 221-227. **[Impact Factor- 1.02]**
- 6] **Rakesh Das**, Dr. Atul Kaushik. Synergistic activity of *Fagonia Arabica* and *Heteropneustes fossilis* extrects against myocardial, cerebral infraction and embolism disorder in mices. Journal of Pharmacy & Bio-allied Sciences, 2010; 2(2), 100-104. **[PubMed]**
- 7] **Rakesh Das**. Conservation of medicinal plant *Hibiscus rosa sinensis* through *Allium fistulosum* plantation. Der Pharmacia Sinica, 2010, 1(1), 166-172.
- 8] **Rakesh Das**, Sunanda Das, Satva Arora, Saurabh Dohare. Comparative study of feedbacks from hepatic patients through the aid of hepatic information website. Journal of Pharmacy Research, 2010; 3(11), 2734-2737. **[Elsevier-indexed]**
- 9] **Rakesh Das**. Effective mucoadhesive buccal patches: wound healing activity of Curcumin &

Centella Asiatica extract compared to rhEGF. International Journal of Pharmacy & Pharmaceutical Science, 2011; 3(1), 97-100. **[Impact Factor-1.1]**

10] Vinay Kr Thangellapelli, **Dr. Rakesh Das**. Natural Oral formulation of Medorrhinum micro-droplets composites for chronic Rheumatoid Arthritis. *World Journl. Pharmacy Pharm. Sc.*, 2017; 6(9): 844-857 – **Impact Factor-6.647**

11] K. Praveen, Vinay Kr Thangellapelli, **Dr. Rakesh Das**. Investigation of herbal Anti Lipedimic Drugs as follow-up treatment against statin drugs. *Journal of Pharmacy Research.*, 2017; 11(9): 1192-97.

**12] Rakesh Das**, Sudhanshu Chakraborty. Intrusion of Herbal Antilipidemics – Cardiac Protective through Electromagnetic Thermal Device Patches. **Cardiology & Cardiovascular Research**. 2017; 1(4): 104-112 **[Scopus-Index]**

13] Rakesh Das, Subhendu Chatterjee, Hypothetical Formulation to Propel Pico-molecular Medicinal Dust: Application to Total Elevation of Therapeutic Efficiency Compare to Nano Entity, *American Journal of Nano Research and Applications*. Volume 5, Issue 6, December 2017, pp. 91-101. doi: 10.11648/j.nano.20170506.13 **[Scopus- Index]**

**14] Rakesh Das**, Mustapha Ibrahim Abdullahi. “COVID-19 patients’ interracial prevalence analysis. A statistically analysed distribution studies”. *International Journal of Research in Pharmaceutical Sciences* (ISSN: 0975-7538), **July 2021, 12(3), 2020-2027**

15] Abhay Kumar, **Rakesh Das**. “Monitoring of Cardiovascular Physiological Variations Based on Psychological State at COVID-19 compulsion Over Myocarditis patients”. **Journal of emerging technology and innovative research**. 7(12); Dec, 2020: **1444-1454**.

16] Simarjeet Kaur, **Rakesh Das\***. Empirical follow-up critiques of statin drugs through optimized CoQ10 and Niacin dose combination to overcome genetic mutation of cytochrome P450 (CYP) 3A4. *International Journal of Medicine and Pharmaceutical Science (IJMPS)* **Vol. 11, Issue 2, Dec 2021, 19-28**. ISSN (E): 2321-0095.

**17] Rakesh Das**, Dhibar S., Sarkar, S., Bachhar, J., & Roy, R. Instant energy stimulant nutraceutical cube formulation: Low endothermic promoting booster milk drink. *International Journal of Health Sciences*, 2022; **6 (S1): 5540-5546**. <https://doi.org/10.53730/ijhs.v6nS1.6107>. **SCOPUS-INDEX H-index-12IF- 2.96**

**18] Dr. Rakesh Das**; Rajat Sen; Neelmani Kashyap; Tanshavi Chauhan. Crashing of psychological state of pharmacy students on corona disaster, dwindle economy: sabotaging students career by policy makers in India. *Journal of Positive school Psychology*, 2022; 6(4): 5183- 5195 **SCOPUS-INDEX**

**19] Rakesh Das**, Mohd. Almas Khan, Sourav Dhibar, Krishnendu Roy, Kousik Mahanti. Evaluation of therapeutic efficacy of gastrointestinal disorder through developed supra spinal flux neuron-impulsion detection device. *Journal of East China University of Science and Technology*, July, 2022; 65(3): 77-87. **SCOPUS-INDEX. DOI: 10.5281/ZENODO.6806424**

**20] Dr. Rakesh Das\***; Krishnendu Ray; Lopamudra Chakravarty; Atreyee Ganguly; Shayeri Chatterjee Ganguly. Pico metallic reinforced molecular innovated hair gel against microbial and

parasitic manifestation: Clinical investigation under COVID era. *NeuroQuantology*, 2022;20(11):7486-7497.

### PhD related Research Publication

- 1] **Rakesh Das**, Dr. (Prof.) Tapan Kr. Pal. Inefficace Cardiovascular drug effluence to market: Malpracticing through Indian Clinicians Substandardized to world Health Scenario. **Internl. Journl. Of Pharm. Health care**; Vol.2, issue-4, 2014; Page -155-163 **[IF-2.21]**
- 2] **Rakesh Das**, Dr. (Prof.) Tapan Kr. Pal . Quantification of bioanalytes through LCMS/MS : Clinical investigation on efficacy of a combined formulated Cardiovascular marketed drug. **Indo-American Journal of Pharm. Research.**, 4(4): 2188-95. **[IF- 1.25 ] [ScopeMed]**
- 3] **Rakesh Das**, Dr. (Prof.)Tapan Kr. Pal. Validation of Liquid Chromatography- Tandem Mass spectrometry for Mevalonate in human Plasma: Incompetent effects between treated Aorvastatin & its combination with Olmesartan in Cardiovascular Patients. **Journal of Young Pharmacists.** 2014; 6(2):50-57.**[PubMed]**
- 4] **Rakesh Das**, Subhasis Dan, Dr.(Prof.) Tapan Kr. Pal. Method development and validation of LCMS/MS for Aldosterone in human Plasma: Application to drug interaction study of Atorvastatin & Olmesartan Combination. **Journal of Adv. Pharm. Tech. Research.** 2014; 5(3), 108-114. **[PubMed]**
- 5] **Rakesh Das**, Dr.(Prof.) Tapan Kr. Pal. Method Development & Validation of Liquid Chromatography- Tandem mass Spectrometry for Angiotensin-II in human plasma: Application to study interaction between Atorvastatin & Olmesartan drug Combination. **Indian Journal of Clinical Biochemistry**, 2015, 30, pages- 334–344. (DOI:10.1007/s12291-014-0457-x) **[Springer]**
- 6] **Rakesh Das**, Dr.(Prof.) Tapan Kr. Pal. Assessment of Endocrinal & Biochemical entities through LCMS/MS: Inter-relative investigation of interaction based Cardiovascular formulation. **Journal of Pharmacy & Bio-allied Sciences**, 7(1); 2015: 49-55. **[PubMed]**.
- 7] **Rakesh Das**, Dr. (Prof.) Tapan Kr. Pal. Endorsement of small patients population study through data mining classification: Significance to manifest Drug interaction study of Cardiovascular dosage formulation. **IJPPS**, 6(8); 2014: 117-122. **[IF-0.924] [Innovare Academic Sciences]**
- 8] **Rakesh Das**, Dr. (Prof.) Tapan Kr. Pal. Method development and validation of LCMS/MS for Atorvastatin & Olmesartan in human plasma to trace drug interaction of formulation. **Current Pharmaceutical Analysis**, 2015; 11(1): 43-52. **[IF-0.771] [Benthan Sciences]**
- 9] **Rakesh Das**, Dr. Tapan Kumar Pal. Assessment of endogenous biochemical composites emphasizing drug interaction of Cardiovascular combined dosage formulation in Marketed product. **Journal of Pharmacovigilance**, 2014; 2(6): 2-6. (doi: 10.4172/2329- 6887.1000150) **[OMICS]**



## INTERNATIONAL CONFERENCES

- 1) 3<sup>RD</sup> International Conferences and Exhibition on Pharmacovigilance and Clinical trials. Assessment of endogenous biochemical composites emphasizing of Drug Interaction of Cardiovascular combined dosage formulation in Marketed product. **OMICS Group Conferences**. Oct. 27-29, 2014, Hyderabad International Convention Centre, India.
- 2) Determination of Mevalonic acid on Human plasma through LCMS/MS: Independent to anti-hypertensive factor of administered Cardiovascular combined drug formulation. **DST Sponsored International seminar** on “Recent advances in Clinical Research with a special emphasis on BA/BE Study”, 11-15 Sept. 2014.
- 3) Innovative Versatile Detector Techniques to Predict and Improve Hemodynamic Defects: Integrated Therapy against Alopecia. **World Conference on Pharma Industry and Medical Devices (WCPIMD)**. INSTITUTE FOR ENGINEERING RESEARCH AND PUBLICATION. Paper ID: IP-PIMD-DELH-090122-674A.
- 4) Supra-Spinal Neuro-Impulsive Flux Detection Device for Tracing Organ Dysfunction & Therapeutic Efficiency Status. **World Conference on Pharma Industry and Medical Devices (WCPIMD)**. institute for engineering research and publication. paper id: ip-pimd-delh-090122-669a.
- 5) Instant Energy Stimulant Nutraceutical Cube Formulation: Low Endothermic Promoting Booster Milk Drink” Research International Conference on Medical Medicine and Health Science (RICMMHS). in Kolkata, India on 01 -02 March, 2022. Paper ID:RC-RICMMHSKOLKT-010322-125.

## PROFESSIONAL PROFILE- TRAINING / COURSES/ PROGRAMS

Participated in the AICTE Sponsored two weeks ( <i>Quality Improvement Program</i> ) on "NEWER PERSPECTIVES IN ETHNOPHARMACOLOGY RESEARCH" in Dept. of Pharmaceutical Sciences, Birla Institute of Technology, Mesra, Ranchi	27-05-2013 to 10-06-2013
Participated in AICTE Sponsored Two weeks ( <i>Faculty Development Programme</i> ) on "Recent Advances in Parenteral Drug Delivery Systems & Technology" in Ganpat University, Mehsana, Gujarat.	16-04-2013 to 29-04-2013
Participated in One day Orientation programme on "DIALOGUE AS A COLLECTIVE PEDAGOGY" in Institute of Professional Studies, Research and Development Cell	20-02-2011
One day workshop on theme "Current Opportunities and Challenges in Clinical research" to Institute of Professional Studies; in association with Bilcare Research Academy, Pune.	23-10-2010

## LINKS

Google Scholar link: <https://scholar.google.co.in/citations?user=KNw4B08AAAAJ&hl=en>

Linkedin: <https://www.linkedin.com/in/rakesh-das-4a35b7207/>

Research gate: <https://www.researchgate.net/profile/Rakesh-Das-17>

Scopus ID: 57199967643

ORCID ID: <https://orcid.org/0000-0002-7663-3184>

## FUTURE CONTRIBUTION

- 1) Patents
- 2) Publications
- 3) Research work
- 4) Pharm. D admission / M.Pharm in Pharmacy Practice
- 5) Inclusion of Foreign (African) students to Indian University.
- 6) Study center for Pharmacovigilance.
- 7) Future funding projects.

## AWARDS:

- 1) Life-membership achievement awards, as 11 years active volunteer at RAMKRISHNA Mission, 21/05/2021.
- 2) Vasu Narayan Award, Best Orator award “Limitation of clinical Approaches on modern therapy”, 2021.

## RESEARCH/ PROJECT GUIDANCE:

M.PHARM: 77

Pharm. D. - 205    PhD – 4 (01 ongoing)

## PERSONAL INFORMATION

<b>Nationality</b>	<b>Indian</b>
<b>Date of Birth &amp; Sex</b>	19th, Nov 1984.; Male
<b>Father's Name &amp; Occupation</b>	(W.O.)- Radheshyam Das; Ex-serviceman (I.A.F)
<b>Language</b>	Fluency in Hindi, English & Bengali & Arabian
<b>Passport No.</b>	S5340787

## REFERENCES

**Prof. (Dr.) Tapan Kumar Pal,**  
Professor; Bioequivalence Study Centre,  
Dept. of Pharmaceutical Technology  
Sciences., Jadavpur University, Jadavpur – 700032, W.B., INDIA  
Phone No.- +91- 9830036297    Chhattisgarh, INDIA

**Dr. Sanjeev Das (Post Doc.: South Korea, Sweden, London),** Assistant Professor  
Department of Metallurgical & Material  
National Institute of Technology, Raipur,  
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Signature of Candidate