


## Dr. RAKESH DAS

<p><b>Permanent Address:</b> C/O- R.S Das (Ex-Servicemen), Near Rajashree bakery, Stadium Link Road, Milanchakra, Madhya- Badharghat, (P.O.)- Arundhutinagar, (Dist.)- Tripura(West), Agartala, Tripura, Pin-799003 INDIA; Mob- <b>+91-7029965119; 9863140842</b></p>	<p><b>Local Address:</b> HouseNo.3523; 8<sup>th</sup> Crossroad, 9<sup>th</sup> main, Chandranagar, Landmark- 108 Ganesh temple, Kumarswami layout 2<sup>nd</sup> stage, Bangalore; Pin- 560078; Karnataka : INDIA; Mob- <b>+91-7029965119; 9863140842</b>(INDIA); <a href="mailto:rdas.jupharmtech@gmail.com">rdas.jupharmtech@gmail.com</a>; rakeshdas-sps@dssu.edu.in Skype ID: <a href="mailto:rdas.jupharmtech@gmail.com">rdas.jupharmtech@gmail.com</a></p>	 <p><i>Dr. Rakesh Das</i></p>
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### EDUCATION

<p><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 world ranking</b>) <b>TITLE-</b> "Clinical investigation to drug interaction between Olmesartan &amp; Atorvastatin through LCMS/MS as combined dosage form on marketed Product" <a href="https://www.nirfindia.org/2020/UniversityRanking.html">https://www.nirfindia.org/2020/UniversityRanking.html</a> <span style="float: right;">5th</span></p>	<b>May, 2016</b>
<p><b>Jadavpur University</b>, Jadavpur, South 24 Paragana <b>Master of Pharmacy, Department of Clinical Pharmacy</b> <b>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 &amp; first division with <b>CGPA</b> grade of <b>8.13</b> out of 10 points <a href="https://www.nirfindia.org/2020/UniversityRanking.html">https://www.nirfindia.org/2020/UniversityRanking.html</a> <span style="float: right;">5th</span></p>	<b>June, 2009</b>
<p><b>Tripura University (Central Government University)</b> <b>Bachelor of Pharmacy, Department of Pharmaceutical Science and Technology</b> <b>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</p>	<b>January, 2004</b>
<p><b>Regional Institute of Pharmaceutical Science and Technology</b>, Agartala, Tripura (West) <b>Diploma in Pharmacy, Department of Pharmaceutical Science and Technology</b> <b>Board:</b> Tripura Board Of Pharmacy Education (Tripura State Board) <b>Performance:</b> First Class with 71.2% aggregate marks</p>	<b>July, 1997</b>

### TEACHING EXPERIENCE

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

**CREDENTIALS: H-Index- 04; Citation- 35; Publications: International- 20, National-04; Conferences - 02 (International); Book- 1 (LAP); <https://www.morebooks.de/gb/search?utf8=%E2%9C%93&q=978-613-4-96379-4>**

## PATENTS



### Patent Search

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Invention Title	DEVELOPMENT OF SINGLE SUPER-ANTIBIOTICS AGAINST ENTIRE EXPECTED SUPER-INFECTIONS AND PROCESS THEREOF.
Publication Number	49/2020
Publication Date	04/12/2020
Publication Type	INA
Application Number	202011051496
Application Filing Date	26/11/2020
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	PHARMACEUTICALS
Classification (IPC)	A61K 31/43



### Patent Search

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Invention Title	NOVEL ELECTRO-THERMAL TRANSDERMAL DEVICE AND PROCESS THEREOF
Publication Number	42/2021
Publication Date	15/10/2021
Publication Type	INA
Application Number	202111033082
Application Filing Date	23/07/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	CHEMICAL
Classification (IPC)	A61K0009700000, A61B0010000000, G01K0013000000, A61F0007000000, A61K0047380000
Inventor	

Name	Address	Country	Nationality
Rakesh Das	Jalandhar- Delhi GT road Phagwara, Punjab, India, 144411	India	India
Navneet Khurana	Jalandhar- Delhi GT road Phagwara, Punjab, India, 144411	India	India
Jaspreet Kaur	Jalandhar- Delhi GT road Phagwara, Punjab, India, 144411	India	India
Dwarka Niranjana P	Jalandhar- Delhi GT road Phagwara, Punjab, India, 144411	India	India

Applicant

Name	Address	Country	Nationality
Lovely Professional University	Jalandhar- Delhi GT road Phagwara, Punjab, India, 144411	India	India

#### Abstract:

The present invention describes the novel electro-thermal formulation and process thereof. Electro-thermal transdermal skin patches have formulated to survive the unfavorable cold conditions at high altitudes by increasing blood circulation and stimulating body temperature. An electronic gadget device is also incorporated along with this transdermal patch, which facilitate the steady penetration of drug constituents through the tough surface of stratum corneum. The design of transdermal skin patch includes the outer surface, baking film, drug reservoir, drug releasing membrane, adhesives, over laminated tapes and sensory module. This electro-thermal formulation can be used by the tourist and the native people of the high-altitude regions while standing, walking and even during mountain climbing.

### SELECTIVE RESEARCH PUBLICATIONS

- 1] Rakesh Das, Dr. Tapan Kumar Pal, Bankim Chndra Nandi, Subhabrata Duttgupta.** 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.** Potentiative 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 Duttgupta, 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) , **July2021, 12(3), 2020-2027** **[Scopus-Index on 2020]**
- 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] Rajat Sen; **Dr. Rakesh Das**; 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**

## 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. **OMICS Group Conferences**. Oct. 27-29, 2014, Hyderabad International Convention Centre, India.
- 2) Determiation of Mevalonic acid on Human plasma through LCMS/MS: Independent to anti-ypertensive 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-RICMMHASKOLKT-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>

## 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.



**RESEARCH/ PROJECT GUIDANCE:**      **M.PHARM: 09**      **Pharm. D. - 15**      **PhD – Nil (02 ongoing)**

## PERSONAL INFORMATION

<b>Nationality</b>	<b>Indian</b>
<b>Date of Birth &amp; Sex</b>	19th, Nov 1974.; Male
<b>Fathers 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
<b>MaritalStatus</b>	Married

## REFERENCES

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

**Dr. Sanjeev Das (Post Doc.: South Korea, Sweden, London)**  
Assistant Professor  
Department of Metallurgical & Material Sciences.,  
National Institute of Technology, Raipur, Chhattisgarh, INDIA  
Phone No.- +91-9436735328

**Dr. Atul Kaushik**  
(Principal)  
IPS College of Pharmacy, Gwalior, M.P., INDIA  
Pin- 474001 Phone No.: +91-9425111449

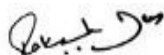
**Dr. B. B. Goswami**  
(Principal)  
Regional Institute of Pharmaceutical Science and Technology,  
Abhoynagar, Agartala, Tripura (W); INDIA, Pin- 799005.  
Phone No.- +91-0381-235436

## **Moteb Khobrani (Head of the Department)**

BPharm., Pharm.D., BCPS

King Khalid University College of Pharmacy,  
Abha, KSA

**Email:** [makhobrani@kku.edu.sa](mailto:makhobrani@kku.edu.sa) (+966-532731797)



*Candidate Signature*

*Dr. Rakesh Das*

