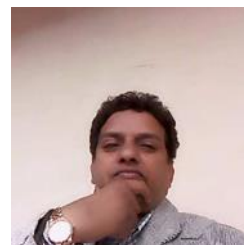


# Resume



## Objective

I seek challenging opportunities where I can fully use my skills for the success of the organization

**Name** Dr. Rajesh Kumar  
**Areas of Interest** Biodiesel, bioethanol, biolubricant, pollution  
**Mailing Address** MIG-C-460 Awas Vikas-1 Kalyanpur, Kanpur- 208017  
**Permanent Address** Villege + Post- Umarda  
Dist. Kannauj 209738  
**Telephone** + 91- 9648904730, 6394107936  
**Email** [raj1978hbti@gmail.com](mailto:raj1978hbti@gmail.com)  
**Date of Birth** 16 July 1976

## Educational Qualification (Starting from Graduation Onwards)

SN	Degree	University /Institute	Year of Passing	Specialization	Grade
1	B. Sc	CSJM University Kanpur	1998	Chemistry	First Class
2	M. Sc	CSJM University Kanpur	2003	Inorganic Chemistry	First Class
3	Ph D	HBTI Kanpur	12/10/2018	Studied of improvement of cold flow properties of biodiesel	Awarded

### **Details of Employment (Total Experience 16 Years 3 month)**

<b>SN.</b>	<b>Position</b>	<b>Department</b>	<b>Institution</b>	<b>Period</b>
1.	Assistant Professor	Chemistry	Swami Vivekakanand Para Medical Institute Kanpur	July 2004-15/8/2019
2.	Associate professor	Chemistry	Prabhat ENGINEERING College And R& D DEPARTMENT	28/8/2019 to Till date

### **List of Publications International and National (Corresponding Author)**

1. Flow properties of Biodiesel and its blends in Petroleum-Based Diesel Fuels at low Temperature. Invertis Journal of Renewable Energy, Vol. 10, No.3, Jul-Sept 2020, PP-150-158, DOI: 10.5958/2454-7611.2020.00013.2 IMPACT FACTOR(SJIR-6.2)
2. A Review of Physicochemical and Improvement of Cold Flow Properties of Biodiesel. Invertis Journal of Renewable Energy, Vol.10, No2, April-June 2020, pp-65-95. DOI: 10.5958/2454-7611.2020.00008.9. IMPACT FACTOR (SJIR-6.2)
3. EFFECT OF ADDITIVES ON FLOW PRPRETIES OF PETROLEUM DIESEL- JATROPHA/KARANJA BIODIESEL/JATROPHA/KARANJA OIL/ETHANOL BLENDANDPETROLEUMDIESELJATROPHA/KARANJABIODIESEL/JATROPHA/KARANJA OIL/ETHANOL BLENDS AT LOW TEMPERATURES. Communicated Renewable Energy.
4. Production, Physico-Chemical and Cold-Flow Properties of Biodiesel from Jatropa and Karanja oils; Research journal of chemical Science, Vol.4 (12), 103-106, December 2014, ISSN 2231\_606, IMPACT FACTOR, SJIR-0.329), UGC LISTED JOURNAL.

5. Improving Cold-Flow Properties Jatropha and Karanja Biodiesel Blends. Research journal of chemical science, Vol. 6(11), November 2016, E-ISSN-2231-606X, IMPACT FACTOR (SJIR-0..329), UGC LISTED JOURNAL.
6. Eco-Friendly Biodiesel as an Alternative Fuel for Diesel-Engine: IOSR JOURNAL OF APPLIED CHEMISTRY, VOL. 2, Issue 4 Sep-Oct 2012, pp, 41-45, ISSN: 2278- 5736, IMPACT FACTOR 2, UGC LISTED JOURNAL.
7. Various Options for Removal of Flouride from Drinking water. IOSR Journal of Applied physics, Vol.3, Issue 2 (Mar-Apr. 3
8. 2013, PP 40-47, eISSN :2278-4861, Peer Reviewed journal, IMPACT FACTOR 2
9. Removal of Heavy Metal from Drinking Water Supplies through the Ion Exchange Membrane. IOSR Journal of Applied Physics, Vol3, Issue 2, Mar- Apr. 2013, PP, 25- 39, eISSN: 2278- 4861, PEER REVIEWED JOURNAL, IMPACT FACTOR 2.
10. Removal of Fluoride Ion from Aqueous Solution: International Journal of Computational Engineering Research, Vol, 03, Issue 4, April 2013
11. Physio-Chemical Properties of Water of River Ganga at Kanpur: : International Journal of Computational Engineering Research, Vol, 03, Issue 4, April 2013
12. Production, properties and improvement of Cold-Flow Properties of Karanja Biodiesel Blends; international Journal of Scientific & Engineering Research, Vol. 4, Issue 9, September-2013
13. Production and properties of Biodiesel from non-edible oils-A Review International journal of research and Analytical Reviews, EISSN: 2348-1269, VOL. 6, ISSUE 2, 2019, UGC LISTED JOURNAL, IMPACT FACTOR 5.75
14. Studied on Degradation of\_Organic Wastes Radiation: A Review A Biannual Journal of Biodiesel and Physical Science; Vol.5, No. 1, Jan-June 2010.
15. Removal of Heavy Metals From Drinking Water Supplies Through the Ion Exchange Membrane Bioreactor- A Review. International Journal of Scientific Research and Engineering Development- vol. 3, issue 3, may-june 2020.
16. **FFECT OF ADDITIVES ON FLOW PROPERTIES OF DIFFERENT MIXTURE OF PPETROLIUM DIESEL, JATROPHA – KARANJA BIODIESEL BLENDS AT LOW TEMPERATURES. Inverties journal of**

**Renewable Energy. Vol.10, No. 4, October- December, 2020. Accepted 9 December .**

- 17. EFFECT OF ADDITIVES ON FLOW PROPERTIES OF DIFFERENT MIXTURE OF PETROLEUM DIESEL- BIODIESEL- OILS AND ETHANOL BLENDS AT LOW TEMPERATURES. INVERTIES JOURNAL OF RENEWABLE ENERGY. Accepted 19 December Vol.10, No. 4, October- December 2020.**

#### **Paper Publication International Conferences**

1. Improvement of Cold-Flow Properties of Biodiesel and Its Blends In Petroleum-Based Diesel. Accepted “International Conference on Renewable Energy and Green Technology, ICRERGT 2020- Virtual Conference” Scheduled on 9-10<sup>th</sup> October 2020, SRM Institute of Science and Technology.

#### **Abstract Publication,**

1. Effect of Factor of Karanja Oil in Different Mortality and Levels-A Review, Presented a paper, Food Chemistry, Processed Food and Toxicology, Department of Chemistry, DAV COLLEGE KANPUR, 25 to 26 September, 2019
- 2 **Waste Management In Kanpur and Lucknow District In U.P. (INDIAN)**  
Waste management, a roll of Chemistry, Presents a paper, National Seminar, Department of Chemistry DAV college Kanpur, 22 to 23 Jan. 2020.

#### **ATTEND THE SEMINAR**

1. Technical Education Quality Improvement Program, HBTI KANPUR, 10-14 2008
2. Advance in Bioprocesses Environment safety and Nutritional security, H TI Kanpur, 2-3 March 2013
3. New Trends in Green Chemistry, DAV College Kanpur, 14- 15, 2010
4. Food Chemistry, Processed Food and Toxicology, Department of Chemistry DAV College Kanpur, 25 to 26 September, 2019

5. Waste Management-Roll of Chemistry, Department of Chemistry DAV College Kanpur, and 22 to 23 Jan. 2020.
6. Production and Application nuclear and Atomic Energy
7. Uses of Biodiesel in human body
8. IR & Other spectroscopy
9. Modern analytical techniques for Research and Industry Green chemistry presentation paper 'biodegradation of phenol by UV radiation.
10. Technical Education Quality Improvement Program Advances in Bioprocesses for Environmental Safety and Nutritional Security

### **BOOK PUBLICATION**

**Objective organic chemistry B.Sc I**

EPSILON PUBLICATIONS KANPUR

**Objective Organic Chemistry Hindi Medium B.Sc I**

EPSILON PUBLICATIONS Kanpur

**Inorganic Chemistry B.Sc II, English Medium**

EPSILON PUBLICATIONS Kanpur

**Inorganic Chemistry Kanpur, B.Sc II Hindi Medium**

EPSILON PUBLICATIONS Kanpur

**Objective Physical Chemistry, B.Sc. III**

EPSILON PUBLICATIONS KANPUR

**OBJECTIVE PHYSICAL CHEMISTRY, B. Sc III HINDI MEDIUM**

EPSILON PUBLICATIONS KANPUR

**Natural Products, M.Sc. I**

Anusandhan Publication Kanpur

**Chemical Bonding. M. Sc. I**

Anusandhan publication Kanpur

**Physical Organic Chemistry, M. Sc. I**

Anusandhan Publication Kanpur

**Organic Chemistry M, Sc. I, Hindi Medium**

Anusandhan Publication, Kanpur

## **8. M. TECH. (SIX PAPER QULIFIED)**

1. Advance alcoholic fermentation
2. Cereal and sanake products
3. Food beverage
4. Advance biochemical Engg.
5. Environmental pollution and waste management
6. Soap and synthetic detergents

### **Achievements & Awards**

1. Teacher Innovation Award Sri Aurobindo Society, 2019
2. Best Researcher Award, In The 9<sup>th</sup> International Scientist Awards on Engineering, Science and Medical, Held on 12 & 13 Sep-2020, Trichy, India, Organized by VDGGOOD Professional Association.
3. Global Teaching Excellence Awards 2020, GTEA 2020, Awards for Contribution to Student Development.

### **Additional Information**

#### **REVIEWER MEMBER**

1. Is a Active Member RMS Member; Member ID: 114288, International Journal of research and analytical reviews
2. Reviewer member ID: 114163 Journal of Emerging Technologies and Innovative research
3. Reviewer Code: AJR 05920, Advance In Science, Technology and Engineering System Journal

#### **Member Ship**

1. ISTITUTE FOR ENGINEERING RESEARCH AND PUBLICATION, (IFERP),  
10-5-2020-31-12-2020, ID: PM15603927.

#### **Conducted Webinar (Convener)**

1. Webinar conduct by Department of Applied Chemistry Renewable Energy, 4/6/2020, Prabhat Engg. College Kanpur Dehat.
2. Webinar conducted by Department of Applied Chemistry/ Computer Science & engg. Mechanical Engg. Prabhat Engg., College Kanpur Dehat. Topic- On line Case Study Of Covid-19: A Global Pandemic, date 09/06/2020

### **Participants Webinar 2020**

1. NASSCOM Webinar, May8, 2020
2. Quiz Covid-19, Sanjivani Junior College, Kopargaon, Certificate ID dvd4xw-ce000466.
3. WHO-Covid-19 Presented to
4. WHO- IFS Forensic science Quiz, 19May 2020
5. Quiz- Chemistry of Everyday Life, Vivekanand College, Tiruvendarum West-623234 Tamil Nadu.
6. Quiz on "Science in everyday life, Erode arts and science college Tamil Nadu, certificate ID FFIWBINCE00025
7. Webinar on ONLINE TOOLS FOR EFFECTIVE TEACHING AND TEARING ON 20-21 May 2020, ID WOTS11057, Mahatma Gandhi Chitracoot Gramadaya, Vishwaviyalaya Chitrakoot, Satana (M.P)
8. Participated in the training program for Nalanda E- Consortium organized by MyLOFT, conducted from 25<sup>th</sup> August 2020 to 27<sup>th</sup> 2020.
9. HOW TO STOP HEART ATTACKS, Has actively Participated in the webinar held on 5<sup>th</sup> August 2020 organised by Woman Cell. Borholla College in Association with IQAC. Borholla College.
10. ONLINE Quiz on MECHANICAL Engineering Department College of Engineering, Ambajogai Dist. Beed held during 17<sup>th</sup> -24<sup>th</sup> August 2020. Certificate no. 4W201C-CE000279.
11. Participated Research based Quiz, Wellness Gurukul Academy Pvt. Ltd. Katwaria Sarai, F-355, and New Delhi 110016.

12. National Webinar on “New Assessment and Accrediation Process for Affiliated College and Development of Internal Quality” Organised by IQAC, Borholla College on 7<sup>th</sup> August, 2020.
13. National Webinar, Todays India: Transforming challenges to Opportunities, jointly organized by: Lucknow Intellectual Forum & Kalicharan P.G. College Lucknow, 20 July 2020.
14. Wellness Gurukul Academy Pvt. Ltd. Organised by 10 days FDP, 10-19 JULY 2020. Topic: Teachers Traning on Online Teching Tools (Apps & Software).
15. National Webinar on “Duty of the Indian judiciary to protect the liberties of the people and freedom of media” organised by Faculty of Juridical Science, Rama University, Kanpur on 10 July 2020.
16. For participating in “Spit Free India Movement” During Jun- Aug 2020 to prevent the spread of COVID-19. ALAMELU CHARITABLE FOUNDATION, Supported by TATA TRUSTS.
17. Wellness Gurukul Academy Pvt. Ltd. Katwaria Sarai F-35, New Delhi-110016. Faculty Development Programme on Stress Management & ICT Tools for effective Teaching Learning’ held on 29<sup>th</sup> June to 5th 2020. The FDP covered the following topics.
18. Webinar on Humanism as a Driver for Responsible Ledership. Organised by IIHMR UNIVERSITY HELD ON 30 MAY 2020.
19. Webinar on Digital Transformation of Hospitals. Organised by IIHMR University held on 27 May 2020.
20. The webinar on the topic “ AI getting used in impact of Covid-19, organized by Institute For Engineering Research and Publication (IFERP) on 14<sup>th</sup> June, 2020.
21. The webinar on the topic “Research Article Writing and Publication IN Good Impact Journal” Organized by Institute For Engineering Research and Publication (IFERP) on 13th June, 2020.
22. The webinar on the topic “Virtual Interactive Classroom for Teachers and The Challenging Technologies in Post Covid-19 Era” Organised by IFERP on 05<sup>th</sup> June, 2020.
23. The webinar on the topic “ Knowledge Sharing on A to Z of Journal Publications ( Survey to Citations) “ Organised by IFERP on 30<sup>th</sup> May, 2020.



24. The webinar “ARE SCHOOL REQUIRED” organized by “ACADDEMIA BRIDGEWELL” date: 3 June 2020.

**Personal Details**

Date of Birth : 16/07/1976  
Marital Status : Married  
Nationality : Indian  
Father Name: Mr. Ram Sewak  
Mother Name: Smt Nanhi Devi

**REFERENCES:**

**Dr. Ram prasad - "HBTU KANPUR"**

Ex. PROF.

rp\_hbti@yahoo.co.in 9450335006

**Dr. Rajat Kumar - "DAV COLLEGE KANPUR "**

Associate Professor Srrivastava\_abhi12@rediffmail.com 9450153484

**Language**

English Spoken and written

Hindi Spoken and written

**Interests**

Writing a Book and Research work

**Activities**

Watching Hindi Movies, and help Poor Students

**. DECLARATION**

I hereby solemnly affirm that all information furnished above is true to the best of my knowledge and belief.

DR. RAJESH KUMAR Assistant PROFESSOR (PRABHAT ENGINEERING COLLEGE KANPUR DEHAT

(Dr. RAJESH KUMAR)

APPLICATION FOR POST- Assistant Professor in Chemistry Department

Dear Sir

I self-Rajesh Srivastava Awarded Ph. D (12/10/2018) on the topic (**Studies on the Improvement of Cold-Flow Properties of Biodiesel**) under the supervision of Dr. Ram Prasad, Professor, Department of Chemical Engineering, HBTI, Kanpur.

Considering my Eight Year Research experience and, 17 years teaching experience I humbly request you to consider my candidature for the post of Assistant professor and Principal this regard; I am enclosing here with a copy my resume.

Expecting your kind consideration,

Yours Sincerely

(Dr. RAJESH KUMAR)