

Resume

1. PERSONAL INFORMATION:

2.

Name : **Dr. Rubina Chaudhary**
Husband's Name : Mr. Anwar Husain
Present Address : School of Energy and Environmental Studies,
Faculty of Engineering Sciences,
Devi AhilyaVishwavidyalaya, Indore, (M.P.)
Permanent Address : 39 Chattripura, Main Road, Indore.
Phone (O) : +91-731-2460309
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Email : rubina_chaudhary@yahoo.com
Pan No. : ADOPC 04020
Nationality : Indian
Designation : **Professor**

Department : School of Energy and Environmental Studies,
Faculty of Engineering Sciences,
Devi AhilyaVishwavidyalaya, Indore (M.P.)
June, 17th 1964

3. EDUCATIONAL QUALIFICATION:

Ph.D **Environment:** Physico –Chemical Studies on Heavy Metal in Ganga Water
Narora to Kannauj, AligarhMuslimUniversity, 1993
M. Phil. **Environment:** Physico-Chemical Studies on Heavy Metals in Industrial
Waste and River Water, AligarhMuslimUniversity, 1989
M. Sc. Analytical Chemistry, AligarhMuslimUniversity, 1986

4. SCHOLARSHIPS AWARDED:

Junior Research Fellow (CSIR): March 1987 to December 1989
Aligarh Muslim, University
(Integrated Studies of Ganga Ecosystem Between Narora to
Kannauj, MoEF, New Delhi)

Senior Research Fellow (CSIR):December 1989 to March 1990,
Aligarh Muslim, University
(Integrated Studies of Ganga Ecosystem Between Narora to
Kannauj, MoEF, New Delhi)

5. ACHIEVEMENTS:

- ❖ Certificate of Appreciation for Research having 3rd highest citation of Research Publication during the last five years among faculties of all UTDs, DAVV, Indore on 26 January, 2017 honored by Vice Chancellor of DAVV.
- ❖ THOMSON 16 collyer Quay #22-00 Hitachi Tower Singapore-049318.

(Since 2000, you had citation to your article, Treatment of hazardous organic and inorganic Compounds through aqueous-phase Photocatalysis: A review
- ❖ 27th Annual Convention of Indian Water Works Associations from January 12-14, 1995 (Best presentation)

6. SUBJECTS TAUGHT:

- Water Pollution and Waste Water,
- Environmental Instrumentation,
- Environmental Impact Assessment and
- Environmental Audit,
- Microbiology,
- Environmental Management,
- Energy & Environmental Auditing Techniques

7. AREAS OF INTEREST:

- Water and Wastewater Treatment Technologies.
- Hazardous Waste Management:
- Solidification / Stabilization Process,
- Solar Detoxification Process,
- Environmental Impact Assessment and Environmental Audit

8. PROFESSIONAL/EMPLOYMENT EXPERIENCES:

- Research Experience: 28 years
- Teaching Experience: 22 years

9. PROFESSIONAL/EMPLOYMENT RECORD:

October 26 th 2008 to Till date School of Energy and Environmental Studies	:	Reader (Equivalent to Associate Professor)
October 25 th 2003 to 2008 School of Energy and Environmental Studies	:	Sr. Lecturer
October 25 th 1999 to 2003 School of Energy and Environmental Studies	:	Lecturer
July 1995 to May 1999 Shri G.S.I.T.S. Egg. College, Indore	:	Visiting Faculty Member, Teaching M.E., M.Tech. (Environmental Engg.)
January 1994 to August 1999 IslamiaKarimia P.G., College, Indore	:	Assistant Professor Teaching UG and PG Courses
January 1992 to August 1993 Peoples Science Institute, Dehradun	:	Research Scientist

10. PARTICIPATION IN CONFERENCES, SEMINAR, WORKSHOPS:

1. 2009: Organized National Environment Awareness Campaign (2009-2010) on Climate Change in SEES, Devi Ahilya University, Indore, M.P. (as Coordinator), funded by EPCO, Bhopal and sponsored by MoEF.
2. 2009: 2nd BhartatiayaVigyanSammelan and Expo, Devi AhilyaUniversity, Indore, 1-3 December 2009
3. 2007: National Conference for Shanti SwarupBhatnagar Awardees 8th -10th March, DAVV., Indore.
4. 2007: Role of NGO'S in Implementation of Environmental Laws M.P. Pollution Control Board Indore 30th March.
5. 2007: Workshop Testing Method of Solar Water Heating System 21-23 March (2007) at School of Energy Environmental Studies DAVV., Indore.
6. 2007: Energy Efficiency Building System 10th -12th January at School of Energy Environmental Studies DAVV., Indore.
7. 2006: National Conference on Chemical Engineering and Environment: Current Trends and Issues 3-4 November, Indore.
8. 2005: A National Workshop on "Green Productivity Demonstration program (GPDP) for Establishment of Best Practices Benchmark for Indian Soya Oil Processing Industries" Organized by National Productivity Council (NPC), UtpadaktaBhavan, Lodhi Road, New Delhi.
9. 2001: Attended 16th M.P. Young Scientist Congress As Session Coordinator in the Area of Environmental Science from Sep. 6th -7th, DAVV, Indore.

10. 2000: Attended conference organized by NIFE on “Energy Conservation Bill” Dec 16th –17th SEES, DAVV, Indore.
11. 1998: Attended the first Asian Conference on Water and Waste Water Management from March 2nd –4th at Tehran (Iran). Presented a Paper entitled “A Water Quality Indexing System With and Without Heavy Metals of Ganga River for Stretch between Narora and Kannuj.
12. 1995: Attended the workshop on “ Strategy formulation of the national river action plan” Organized by M.P. Pollution Board, Bhopal, June 12th
13. 1995: Attended the 27th Annual convention pf IWWA from Jan 12th –14th and Presented a Paper entitled “ Effect of Pulp and Paper Mill Waste on Respiration Rate Constant and BOD”
14. 1990: Attended the international conference on “Heavy metals in Indian Environment” Deptt. of Applied Chemistry Aligarh, Jan 8th –10th

11. STUDENTS GUIDED:

Ph.D(Energy and Environment)

1. Design Development and Performance Evaluation Of Moving Bed Biofilm Reactor (MBBR) for Wastewater Treatment Systems (Anjali Barwal) (awarded 2018, 26.10.18)
2. Impact assessment study of Municipal Solid Waste Disposal site on Environmental components and climate in relation to seasonal variations, (ShuktiTomar) (submitted 2018)
3. Studies on the preparation, characterization and development of bio-compatible materials using collagen hydrolysate obtained from chrome shavings through chemo-enzymatic pathway, (AnupamaPati) (awarded 2016)
4. Optimization and assessment of solar photocatalytic treatment of municipal wastewater, (Chandan Singh) (awarded 2014)
5. Assessment and Influence of Operational Parameters on Photocatalytic Treatment of Industrial Wastewater, (Rajendra Singh Thakur- 2012) (Awarded)
6. Optimization and Assessment of Solar Detoxification for the Treatment of Hazardous Wastewater (Heavy Metals), (Kavita Kabra-2006). (Awarded)

Ph.D(Environment)

1. To study the utilization of leather solid waste and fly ash through chemical treatment to develop composite material (RanaPratap Singh) (awarded, 14.01.2019 2019)
2. Assessment Prediction and Techno Economic Analysis of New Developed Concrete by Utilizing Heavy Metals Bearing Hazardous Waste, (Smita Badur-2012) (Awarded)
3. Development of Fly-Ash Based Geopolymer and Its Utilization For Solidification/ Stabilization Processes (Heavy Metals), (Divya Khale-2008) (Awarded)
4. Study on the Performance Evaluation Of Solidification /Stabilization Process (Heavy Metals), (Rachana Malviya-2005) (Awarded)

M.PHIL. (ENERGY AND ENVIRONMENT)

Major Projects (Guide)

1. Diversity and distribution of medicinal plants of Kashmir Himalaya with special reference to Budgam districts by Ejaz Sultan Lone (2015)
2. To study the quality of groundwater, soil and air of Kashmir and Indore dumpsites & to assess and compare the impact of both study sites through RIAM analysis by NighatGani (2015)
3. Assessment of ground water quality in Anantnag district of Kashmir valley (J & K) by *AdilGulzar Khan*(2014)
4. Environmental impact assessment and environmental management studies for synthetic organic chemicals (SOCs) by *Sarvesh Kumar Pandey*(2014)
5. Zero liquid discharge scheme for 500 KLD capacity effluent treatment plant AbMauri, Bulandshahar, Uttar Pradesh by *Amar Kumar Pandey*(2014)
6. Sustainability Initiatives adopted by Cement Industry in India (Ms. JadhavSnehal 2013)
7. Categorization of proposed projects I uttarakhand under NGRBA frame work (Mr. Rehman Ur Rouf 2013)
8. A decadal trend of air pollution scenario in Kolkata, (Moolchandani Ku. Swati)- (2012)
9. Performance evaluation of individual ETP to improve CETP & its GIS mapping, (Singh Ku. Mamta)-(2012).
10. Preparation of city sanitation plan for Uttarkashi, (Singh Vinay Kumar)-(2012).
11. Characterization of Industrial effluent and its impact on CETP performance.(Mahesh Barya) (2011).
12. Status of Ambient Air quality in Varansi (Dar. Muzzaffer) (2011).
13. Detail study on hazard risk assessment and vulnerability analysis of Disaster Management of Chhattisgarh State (District Dantewada and Baster). (Yashwant Kumar Pandey)-(2011).
14. Status of Ambient Air quality in Agra (PriyankaVerma)-(2011).
15. Design of 30 MGD STP at Okhla, New Delhi, based on UASB Technology. (Sunil Sharma)-(2011).
16. Pilot Plant Study of Biogas Production from Deoiled Seed Cakes of Jatropha(Virendra Kumar) (2010).
17. Performance Evaluation of RWSS DausaDisrict (Rajasthan)(Shahid Siddiqui) (2010).
18. Prefeasibility Study for The Effluent Disposal & Utilization of Sludge Generated from STPs Located (Ruchi Srivastava) (2010).
19. Habak Sewage Treatment Plant Effluent& Water Quality Deterioration of the receiving Stream (Imtiyaz Ahmed) (2010).
20. Physico Chemical Treatment of Low Calorific Value incinerable Hazardous waste for odour& Toxicity Reduction at GEPIL, Surat(2009).
21. Analysis of Process Performance & Energy Consumption at 62.5 MLD Sewage TreatmentPlanatDelawas Jaipur(2009).
22. Waste Water Characterization of Amritsar city & Design of 120 MLD STP Based on Activated Studge Process (2009).
23. EIA study of upcoming Project of 200 TPD of Cement Assam(2009).
24. Shifiting of Non Confirming Polluting Industries in Agra to confirming Area & Designing A CETP for Tanning Industry (2009)

25. Hazardous Waste Characterization & Stabilization of Organic Content & Heavy Metal & Environmental Monitoring of Hazardous Waste Treatment Storage & Disposal Facility (2009)
26. Generate of energy in anaerobic treatment of effluent from molasses based distillery industry (2008)
27. Demonstration of waste minimization in basic chrome manufacturing unit, Kanpur (2008)
28. Waste heat recovery based CDM project: a case study at emergent ventures india Pvt. Ltd (2008)
29. Design of 12 MGD sewage treatment plant of Keshopur, New Delhi (2008)
30. Colour, odour and COD removal by chemical dosing: textile industry . (Surat) (2008)
31. Rapid environmental impact assessment for textile park at Pali, Rajasthan (2008)
32. Preparation of detailed project report under at Chindawara(2008)
33. Potential Of Energy And Resource Recovery From The Municipal Solid Waste Of Rapidly Transforming Cities, (2007)
34. Study of Various Losses Of Soya Industry, (2007)
35. Environment Audit of Soya Industry, (2007)
36. Design Study of Biomethanation Plant and Quantification of Amino-Acids, (2007)
37. Study of Effluent Treatment Plant and Reduction of COD in Aerobic Condition at TIL Dewas, (2007)
38. Performance Evaluation of Common Effluent Treatment Plant and Optimization of Chemical Dosing At Butibori CETP Pvt. Ltd. Nagpur, (2006)
39. A Study of Drinking Water Quality of Dehradun. (2006)
40. To Study the Potential of Heavy Metal Bearing CETP Sludge by Using Activated Fly ash: Effects of pH curing Days and Environment Stress, (2006)
41. Implementing ISO 14001 and Incineration of hazardous waste, (2005)
42. Treatability study of pesticide Industrial Effluent and Preliminary Rapid Environment Impact Assessment Study for Residential Complex. (2005)
43. Hydrogen Energy Production Through Photoelectro-Chemical Solar Cell, (2004)
44. Initial Environmental Assessment of EMS as per 150 14001 in Chemical Industry (2003).
45. Decision Supporting Tools in Rain Water Harvesting Systems for Urban Areas, (2003).
46. Assessment for Energy Potential of Solid Waste from Ship Scrapping Yard at Alang (2002).
47. Municipal Solid Waste Management Through Vermin Composting Employing Exotic and Local Species of Earthworms (2002).
48. Effects Of Chemical Fertilizers on Soil In Comparison With Organic Composts (2001)
49. Study On Characterization of Different Types of Sludge, Their Treatability Study By Using Conditioners And Its Safe Disposal To Landfill. (2001)
50. Rapid EIA & Environmental Management Plan for a Proposed Coal Washery at Usagaon.
51. Issue Paper on Textile Industry and Green Rating Project. (2000)
52. Performance Evaluation of Solidification/Stabilization Process for Pickling Sludge. (2000)
53. South Ridge Forest of Delhi City- Decline and Conservation. (2000)
54. Management of Food Waste in Hotels. (1999)
55. A comparative study of Water Quality in Micro- Watershed in Central Himalayan Region. (1999).
56. Municipal Solid Waste Assessment and Management for Indore. (1999)
57. Study of Yamuna River water Quality and its social and health aspects. (1998)
58. Mapping of Drinking water Quality in Pithampur Industrial Area. (1998)

M.TECH.(ENERGY MANAGEMENT): Minor Projects (Guided)

- "Design of a sewage treatment plant for Devi Ahilya Vishwavidyalaya (Takshashila Campus)" yasul dariya 2017-2019 (2018)
 - "Strenght Assessment of Concrete Grade by Replacing Shredded Plastic Waste". By Rajat Rathore 2017-2018(2018)
 - "Solidification & stabilization of plastic waste" by Luv Parihar (2018)
 - Water Audit of DAVV University, RNT Marg INDORE,by Aman Mishra (2018)
1. Design of a Fluidized Bed Reactor Model For Anaerobic Treatment of Waste Water by Sumit Devraye (2016).
 2. ROLE OF SEQUENTIAL BATCH REACTOR IN COD REDUCTION OF WASTE WATER BY SAMTA SINGH NAG (2016).
 3. DESIGN AND DEVELOPMENT OF LAB SCALE MODEL OF AN UPFLOW ANAEROBIC SLUDGE BLANKET (UASB) By LALIT YADAV (2016).
 4. Pre and Post Air Quality Monitoring During Diwali Festival: Indore by Pankaj Rajpoot (2016).
 5. Water foot printing of Hostel by S.C. Akash (2015) [Batch- 2014-2016]
 6. Performance of thermal expansion and UCS of soildified/ Stabilized Waste product, Vijay Patel (2015)[Batch- 2014-2016]
 7. Water Foot print of Hospitals by Anil Kumar Katare (2015)[Batch- 2014-2016]
 8. Application of MBBR for High COD Waste Reduction at low HRT (2015)[Batch- 2014-2016]
 9. Preliminary Water foot –Print of all hostel of university and Barli institute by AnitRaju [Batch 2013-2015].

M.TECH.(ENERGY MANAGEMENT): Major Projects (Guide)

1. *Detailed Energy Audit of Air Compressors, Township and Lighting System by Vivek Barve (2018)*
2. *Energy Audit of FMCG Company, Himachal Pradesh by Aman Mishra(2018)*
3. *Energy Audit At Forging Industry,BySumitDevraye(2017)*
4. *Pre-Feasibility Studyof Industrial Sector for Environmental Protection and Energy Conservation, by PankajRajpoot (2017)*
5. *Detailed Energy Audit of building,byLalityadav (2017)*
6. *Energy Audit in Different Industry,BySAMta Singh Nag(2017)*
7. *Cooling load estimation of an office building, by SC Akash (2016)*
8. *Study of performance of quality parameters with controlling methods in kraft paper industries by Vijay Patel (2016)*
9. *Solid waste management plan for Indore Municipal corporation by Monika Dubey (2016)*
10. *Detailed energy audit report of aluminum die casting industry by Anil Kumar Katare (2016)*
11. *Energy audit of hotel Gurgaon by Arjun Singh Dobariya (2015)*
12. *Efficiency enhancement in thermal utilities by TusharJadhav (2015)*
13. *Integrating day lighting and energy optimization of buildings by Aditi Mahajan (2015)*

14. Conceptualization and application of renewable energy project in rural NGO establishments by Vivek Chaudhary (2015)
15. Wind energy perspective CDM & its environmental sustainability by *Sanjay Sharma* (2014)
16. Energy efficiency improvement opportunities for the MSME's sector – Textile and Plastic & Rubber by *AnkitFarkya* (2012-14)
17. Analyse the energy audit data of NSCBI airport, Kolkata by *ShivaniMudgal* (2014)
18. An overview of sustainability in the Butibori CETP plant: Critical energy analysis by *Vertika Pandey* (2014)
19. Performance Evaluation of Solar PV Water Pumping System (Pramod Rajput) (2013)
20. Cost Analysis and Designing of 100 kW rooftop solar plant and building integrated PV plant at BMS Bangalore (VarshaVerma) (2013)
21. Sustainability & Climate Change- Technical Perspective (RohitGarg) (2013)
22. Designing of 50 kWp Ground Mount Solar PV Power Plant (Himanshu Arya) (2013)
23. To design Grid interactive Roof Top Solar PV Power Plant (Kanungo Anjali) (2012)
24. Detailed HVAC Energy Audit of Thermal Power Plant (KumbharMangesh) (2012)
25. Validation of CDM Program Activity at Skol breweries Ltd. (CPA 015) (Nandanpawar Aditya) (2012)
26. Loss Analysis of Grid Connected 1.1 MWp Solar PV Plant (Patel Richa) (2012)
27. Energy Audit at Uniparts India Ltd. And Munjal Showa Ltd. (Rangwani Bharat) (2012)
28. Designing & Performance Evaluation of 1 MW Grid Connected Solar Power Plant (Ashish) (2011)
29. Environmental Aspects Impact Analysis & Group Risk Assessments of Anand Rajkot Pipeline Control Station site of GSPL (Manish Dubey) (2011)
30. Project Implementation & Installation of 10 TPH Briquette fired Boiler in Pharma company at Hyderabad Project-II (Shekhshahazad) (2011)
31. Energy Audit at Chambal Textiles & Chemical Ltd (Ankit Vyas), (2010).
32. Energy Audit at Cdebration Apparel Ltd (Atul Kumar), (2010).
33. Detail Energy Audit of Leading Engineering Plant (AnkitNager), (2010).
34. Validation of CDM Project “Energy Efficiency and Fuel Switch In Brewery Haryana India and Verification of CDM Project” Hydro Electric Power Project Himachal Pradesh India, (2009).
35. 10 MW Wind Project Design Document in Maharashtra and A Study on Role of Energy Audit in Carbon Foot Print Reductions in Designated Industries, (2009).
36. Detailed Energy Audit Of Building, (2009).
37. Detailed Energy Audit, (2008).
38. Climate Change: A study of voluntary carbon mechanism, (2008)
39. Preparation Of Project Design Document For Cogeneration Plant Of Sugar Industry By Using ACM 006, (2007)
40. Energy Audit Study In Different Industries, (2007)
41. Energy Audit Of Thermal Power Plant, (2007)

M. Tech. Distance Energy Management :Major Projects(Guide)

1. Energy Audit of Radhagovind Group of Institutions(RGGI), Meerut (SanjeevKumar) (2012)
2. Improvement in Efficiency of solar Panel Using Tracker System, (Sushil Chandra), (2012)
3. Design of solar inverter (Swati Bajpai)(2012)
4. Impact of Recycle Ratio on Aeration Tank Performance Energy Conservation opportunities in STP, Delawas, Jaipur (ManishaGour) (2012)
5. Energy Auditing and Energy Conservation opportunities in Technocraft Industries (Tube Division), (Rasmi. K.) (2011)
6. Study of Energy Conservation Opportunities in 220 MW Nuclear Power Plant (BhaveshVasiyani) (2011)

7. Energy Auditing and Energy Conservation Opportunities in M/S Uflex Ltd., Noida, U.P. (Kalyan Pal) (2011)
8. Energy Audit in M/S JCB India Limited Ballabgarh, (Haryana) (Niharika Verma) (2011)
9. Energy Auditing and Energy Conservation Opportunities in Coal Handling Plant (CHP) of Sanjay Gandhi Thermal Power Station Birsinghpur , (Chhogalal Kirade) (2011)
10. Energy Conservation Opportunities in Sugar Plant., (Amir Ahmad Siddiqui) (2011).
11. A Study on Water and Waste Heat Recovery from Flue Gas in Coal Fired Power Plant (Kiran Bala Diwakar) (2011).
12. Implementation of Energy saving Projects / Opportunities in Swaraj Division Plant 1 Mahindra and Mahindra Ltd. Mohali (Narindra Kumar Singla) (2011).
13. Energy Auditing of Chandigarh Railway Station and Design of Solar Power System of GCET Jammu., (Meenakshi Bhat) (2011).

MEMBERS OF ACADEMIC SOCIETIES/PROFESSIONAL BODIES:

1. Member, MP State Expert Appraisal Committee (SEAC) for the duration of three years (M.P. Pollution Control Board, M.P.) October 2017-2020 .
2. Member, Constitution of state level registration committee for re-cycler /re-processors under hazardous waste (M.H. & TM) rules 2008 for the duration of three years (M.P. Pollution Control Board, M.P.) Jan 2011-2014 and 2014-2018
3. Expert Member of regional office of M.P. pollution control board, Indore for Critical Polluted area Indore (2012 - to till date)
4. Life Member of Indian Water Works Association.
5. Member, CEPRD, Indore.
6. Member Faculty, Engineering Sciences, Devi Ahilya University, Indore. (2001-2004)
7. Reviewer of Journal of Hazardous Materials
8. Member of Board of School Of Energy and Environmental Studies.
9. IQAC Departmental Committee (Secretary)
10. Ragging In-charge
11. Grievance cell In-charge
12. Sport In-charge
13. Women harassment committee member DAVV, Indore 2014

REFRESHER COURSE COORDINATOR

1. Environmental Education UGC- MHRD DAVV, Indore (24 Dec -19 Jan 2018)
2. Environmental Education UGC- MHRD DAVV, Indore (08 June -28 June 2016)
3. Disaster Management and Environment Education, at academic college DAVV, Indore (15 May - 4 June 2015)
4. Environmental Education and Sustainable Future academic college DAVV, Indore (07 January -27 January 2015)
5. Summer school course on Disaster Management at academic college DAVV, Indore (18 June -7 July 2013)

ATTENDED REFRESHER COURSES

1. 2008: Refresher Course in **Environmental Education** from 10 -01-2008 to 30-01-2008 Obtained “A” Grade, DAVV, Indore.
2. 2007: Refresher Course in **Computer Application** from 16 -08-2007 to 05 09-2007 Obtained “A” Grade, DAVV, Indore.
3. 2002: Orientation Course, **from 15 -05-202 to 11 06-2002 Obtained “A” Grade, DAVV, Indore.**
4. 1995: Orientation Course on Rural Water Supplies Sanitation, ITN Regional Center, SGSITS,Indore Jan 31st – Feb 4th
5. 1995: Refresher Course in low cost chemical instrumentation conducted by center for Professional development in higher education university of Delhi
6. 1991: Anaerobic waste water treatment, Dept. of Civil Engineering, Aligarh Nov 19th – 28th

PUBLICATIONS

LIST OF PAPER PUBLICATION/PRESENTED/CONFERENCES

<i>International Publication</i>		<i>National Publication</i>	
Review	: 11	Review	: 3
Papers	: 38	Papers	: 21
Conferences	: 9	Conferences	: 6
Total	: 55	Total	: 30

INTERNATIONAL REVIEW

1. Assessment and Impact Study of Pesticides Residue Pollution in River Water: A Review, (2019) **International Journal of Scientific Research in Multidisciplinary Studies Rubina chaudhary and Sneha soni.**
 - a. Volume-5, Issue-4, pp.01-14, April (2019) **P-ISSN: 2454-6143, E-ISSN: 2454-9312**
2. **A study on holistic approach of solid waste management and climate change –A mini review, Rubina Chaudhary “International Journal of Scientific Research in Multidisciplinary Studies”, Vol.4, Issue.10, pp32-38 October 2018 (IF-1.02).**

3. .To study the performance of biocarriers in moving bed biofilm reactor (MBBR) technology and kinetics of biofilm for retrofitting the existing aerobic treatment systems - A Review, **Reviews in Environmental Science and Bio/technology**, Anjali Barwal and **Rubina Chaudhary**.(2014) 13 (3), 285-299 [Cited by 13] (IF- 4.345 H Index-43, SJR- 1.267)
 4. A review on management of chrome tanned leather shavings: a holistic paradigm to combat the environmental issues Environmental Science and Pollution Research, Pati A, **Chaudhary R**, SubramaniS.**Environ.Sci.Pollut. Res. Int.** 2014 21(19):11266-82 [Cited by 8] (IF- 2.83 H Index-59, SJR- 0.886)
 5. Performance of advanced photocatalytic detoxification of municipal wastewater under solar radiation - A mini review,**International Journal of Energy and Environment,2 (2), (2011) 337-350** ChandanSingh, **Rubina Chaudhary**, Rajendra Singh Thakur [Cited by 21]
 6. Fundamentals and applications of the photo-catalytic treatment for the removal of industrial organic pollutants and effects of operational parameters: A review, **J. Renewable and Sustainable Energy2, 042701 (2010)**,Rajendra Singh Thakur,**RubinaChaudhary**,ChandanSingh(IF- 1.514 H Index-17, SJR- 0.389)
 7. Utilization of Hazardous Wastes and By-Products as a Green Concrete Material through S/S Process: A Review, **Review of Advance material Sciences, 17 (2008) 42-61**,SmitaBadur&**Rubina Chaudhary**. (IF 1.122, H-Index- 37, SJR- 0.577)
 8. Mechanism of Geopolymerization and Factors Influencing its Development: A Review. **Journal of Materials Science (2007) 42:729-746**, DivyaKhale and **Rubina Chaudhary**. (IF 2.163, H-Index- 123, SJR- 0.836)
 9. Factors affecting hazardous waste solidification/stabilization: A review, **Journal of Hazardous Materials B137 (2006) 267–276**,RachanaMalviya, **Rubina Chaudhary**.(IF 4.836 H-Index- 169, SJR- 1.692)
 10. Treatment of Hazardous Organic and Inorganic Compounds Through Aqueous- Phase Photocatalysis: A Review, **Industrial Engineering and Chemistry Research 43, (2004) 7683-7696** KavitaKabra, **Rubina Chaudhary** and R.L. Sawhney(IF 2.071, H-Index- 161, SJR- 0.976)
- “It’s time to celebration since 2000; you have had 21 citations to your article, Treatment of Hazardous Organic and Inorganic Compounds through Aqueous- Phase Photocatalytic: A Review.”
11. Physico-Chemical Quality Of Ground Water In Industrial Areas Of India – A Review, **International Journal Of Pollution Research, 19(3)(2000)443-455** PoonamTyagi, D.Buddhi, **R Chaudhary** And R.L. Sawhney. (IF nil, H-Index- 18, SJR- 0.11)

NATIONAL REVIEW

1. A sustainable approach for combating carbon emission at MSW site in India: A review, Shukti Singhand Rubina Chaudhary Indian Journal of Environmental Protection ISSN: 0253-7141, IJEP 37 (10) : 842-851 (2017)(IF 0.18, H-Index- 13, SJR- 0.193)
2. Role of indicators to attain sustainability of advanced waste water technologies: a mini review ,**Rubina Chaudhary** and Amar Pandey, **Indian Journal of Environmental Protection** (ISSN-0253-7141), **36**,(3), Page No.176-185, March, **2016**,**(IF 0.18, H-Index- 13, SJR- 0.193**
3. Factors Affecting Fixation of Heavy Metals In Solidified/Stabilized Matrix: A Review, **Journal of Environmental Science and Engineering NEERI**, 52 (3), 269-276, **2010**, RachanaMalviyaand**Rubina Chaudhary**. **(IF nil, H-Index- 22, SJR- 0.112)**
4. Degradation Of Ground Water Quality Due To Heavy Metals In Industrial Areas Of India- A Review, **Indian Journal Of Environmental Protection**, **20(3) 174-181**, (2000)PoonamTyagi, D.Buddhi, **R Chaudhary** And R.L.Sawhney. **(IF 0.18, H-Index- 13, SJR- 0.193**

INTERNATIONAL PAPERS

1. A Study on Environmental Impact of MSW Landfill Site of Two Different Regimes, Rubina Chaudhary ,Shukti Singh and Nighat Gani, The Journal of SOLid Waste Technology and Management , Accepted and published in 2020
2. Investigation of Engineering and Microstructural Characteristics of Developed Concrete through fly ash & Hazardous Solid Waste,S. B. Karmankar 1* , R. Chaudhary
 - a. International Journal of Scientific Research in multidisciplinary Studies E-ISSN: 2454-9312 Volume-5, Issue-3, pp.01-09, March (2019) P-ISSN: 2454-6143
3. Study on the comparative performance assessment of distillation method by using a conventional method and Elix Technology, Rubina Chaudhary*, Anjali Barwall, Rohan Verma², Shukti Singh³, Rana Pratap Singh⁴, International Journal of Science, Technology & Society (IJSTS - BBAU), vol 4 (1&2)2019, pp 67-70.
4. Methane Flux Estimation in MSW open Dump Site by InSitu Measurement and IPCC (DMAND FOD) model, Rubina Chaudhary and Shukti Singh,, International Journal of Science, Technology & Society (IJSTS - BBAU), vol 4 (1&2)2019, pp 54-57.

5. To study the application of elliptical media in MBBR for the removal of high COD from wastewater ,**Chaudhary "International Journal of Scientific Research in Multidisciplinary Studies",Vol.4, Issue.10, October 2018 Edition (accepted 2018)impact factor-1.02, ISSN :2454-9312**
6. Optimization of operational parameters in moving bed biofilm reactor with low cost polystyrene biocarrier by the response surface method, Anjali Barwal and **Rubina Chaudhary**, *Water Quality Research Journal*,52(1), 26-41,2017_{src}(**IF 0.74, H-Index -35, SJR- 0.26**)
7. Adsorption isotherm and kinetics of tannic acid on to carbonized chrome tanned leather solid waste Rubina Chaudhary* AnupamaPati, *Journal of American Leather Chemists Association. Vol. 112, pp198-206 (2017).*(**IF 0.66, H-Index -25, SJR- 0.357**)
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I hereby declare that the above information is true and correct to the best of my knowledge and nothing has been concealed or distorted.

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