BIODATA

1. **Name**: Dr. J. K. Srivastava
2. **Designation**: Principal
3. **Sex:** Male
4. **Category (SC/ST/OBC/General):** General
5. **Name of Institution:** Government Engineering Collage, Ujjain M.P.
6. **Mailing Address**: Department of Chemical Engineering,
   Ujjain Engineering College, Ujjain (M.P.)
   Indore Road, Ujjain - 456 010 (M.P.)

Phone: 07342511912

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7. **Date of Birth**: 03-08-1961
8. **Broad Subject Area:** Engineering Science
9. **Field of Specialization:** Environmental Engineering, Energy Conservation
10. **Educational Qualification**

Degree	Year	Institution	Field	Divison
B.Tech	1984	HBTI, Kanpur	Chemical Engineering	First
M.Tech	1986	HBTI, Kanpur	Chemical Engineering (Design & Control)	With Honours
Ph.D	1997	Vikram University, Ujjain	Chemical Engineering	Awarded

11. Details of Professional Training and Research Experience:

(A) Ph. D. Awarded under my Supervision

Sr. No.	Title of Ph.D.
1	Energy Optimization of Manufacturing System Used In Steel Rolling Plants: Case Studies Based Critical Analysis
2	Some Studies On Water Management And Waste Water Treatment of A Dairy Processing Plant

3	Studies on High Rate Aeration Activated Sludge (HRAASP) Process For Treatment of High BOD Wastewater
4	Oxidation Of Toxic Wastewater From Electroplating Industry by Ozonation Process
5	Studies on Valuation of Parameters For Removal of Phenol and Phenolic Compounds From Wastewaters by Adsorption
6	Some Studies on Design of Heat Exchanger For Ultra High Temperature Milk Treatment
7	Studies of CFD Based Hydrocyclone Analysis For Fly Ash Separation
8	Studies on Wet Scrubbing of Particulate Laden Sulfur Dioxide Pollution
9	Modeling And Predicting Performance of Ozonation Process of Oxidation of Industrial Effluents using ANN
10	Studies on Removal of Heavy Metals From Wastewater
11	Studies on Reaction Rate Kinetics During Vermi-composting of Agriculture Waste
12	Disinfection By –Products (DBPS) Formation In Drinking Water and Predictive Models For Their Occurrence
13	Studies on Physico-Chemical Parameters and Development of Environment Management Module For Purification of Holy River Kshipra In Ujjain
14	Modeling of Reaction Rate Kinetics For Compositing of Solid Agricultural Waste Using Artificial Neural Networks
15	Predictive Modeling NAD Comparative Studies on Different Methods For Dyes Removal From Wastewater
16	Ozone based Advanced Oxidation Technologies for Treatment of Municipal Sewage

(B) Ongoing PHD work

1.	Process optimization and kinetic evaluation of nano photocatalytic treatment of pharmaceutical industrial wastewater
2.	Study on phase change material (PEM) for cold storage facility
3.	Heat pipe augmented heat exchanger (HPHE) for waste heat recovery for process industries
4.	Floride removal from groundwater by electrocoagulation.
5.	Modeling and simulation of ambient air pollutant through artificial neural network at western region of Madhya Pradesh

(C). M.Tech Thesis Guided

Sr. No.	Title of M.Tech Thesis
1	Study of Conventional Water Treatment Wastewater Plant with Special Reference to Recovery and Reuse of Alum
2	Disposal of Medical Waste
3	Environmental Management system in Thermal Power Plant
4	Waste water Characterization and Performance Appraisal of Effluent Treatment Plant for Dairy Plant, Ujjain
5	Environmental Impact Assessment for LPG Recovery Plant (GAIL Vijaypur)
6	Treatment of High BOD Wastewater by Aerated Activated Sludge Process
7	Modeling & Simulation of Oxidation of Toxic Wastewater from Electroplating Industry By Ozonation Process Using Artificial Neural Network
8	Modeling & simulation of Ambient Air Quality monitoring at Mahakal Temple area In Ujjain city Using Artificial Neural Network
9	Modeling & simulation of Ambient Air Quality monitoring in Industrial Area Ujjain Using Artificial Neural Network
10	Effluent Treatment Plant
11	Sewage Treatment Plant
12	Modeling of Ambient air pollutant through ANN at Industrial area of Ujjain city
13	Modeling of Ambient air pollutants monitored from Mahakal temple area, Ujjain city using Neural Network Analysis
14	Experimental studies on the improvement of flow properties of JATROPHA bio-diesel & Removal of wax from bio-diesel
15	Removal of Heavy metal from Wastewater using Polypyrole
16	Removal of Heavy metal from wastewater using Microalgae
17	Removal of Copper from wastewater using Microalgae
18	Removal of Iron from wastewater using Microalgae
19	Removal of Copper and Iron from Wastewater using Polypyrole
20	Extraction of Heavy metals (Arsenic & Lead) with polypyrrate composites
21	Removal of BOD & Alkalinity from water by Soil Biotechnology
22	Modeling and Prediction of Ambient air pollutant at Sensitive Area of Ujjain city using Artificial Neural Network
23	COD, TSS Removal from Domestic sewage water using SBT by uncultured media
24	Biosorption of chromium & iron ions from industrial downstream using “Pantina tetra from atica” Brown Microalgae mass

25	Biosorption of Copper and zinc Ions from synthetic wastewater using Lead biomass of green algae
26	Biosorption of Lead and Chromium heavy metal ions from waste water by using green algae spirogyra Sp Biomass

(D). Books Published

Sr. No.	Title of Book
1	Environmental Impact Assessment – Principles & Procedure – Dr. J.K. Srivastava et al.
2	Instrumentation and Process Control- Dr. J.K. Srivastava et al.

12. **Details of Employment**

Designation	Duration		Institution	Nature of work
	To	From		
Assistant Engineer	31/01/1986	10/04/1989	Birla Vikash Cement, Satna, M.P.	Production & Quality Control
Lecturer	11/04/1989	15/07/1993	Government Engineering College Ujjain M.P.	Teaching & Research
Reader	16/07/1993	15/07/2001	Government Engineering College Ujjain M.P.	Teaching & Research
Professor	16/07/2001	Continue	Government Engineering College Ujjain M.P.	Teaching & Research

13. Professional Recognition/Awards/Prizes/Certification etc. won by the candidate:

Sr. No.	Title of Award
1	Harcourt Butler (U.K) Award
2	Vikas Ratna Award

14. Projects taken by other sources mention in brief.

Coordinator of Sponsored Research Project [As a Principal Investigator]					
Sr. No.	**Sponsoring Agency**	**Title of Research Project**	**Year**	**Amount (in lacs)**	**Status**
1	DST, New Delhi	CFD Based Hydrocyclone Analysis For Flyash Separation	2004 – 2006	15.00	Completed
2	The Institution of Engineers (INDIA), Kolkata	Removal of Heavy metals from Wastewater using polypyrrole	2014-2015	0.60	Completed

15. Details of Ongoing/Completed Projects of Candidate:

Sr. No.	Name of the funding agency	Name of the Scheme	Programme Title	Year of Funding	Duration	Amount Sanctioned	Status: Ongoing/ Completed
1	AICTE	MODROBS	Heat Transfer	1993	02 Year	10.0 Lac	Completed
2	AICTE	TAPTEC	Bio-Tech	1997	01 Year	6.0 Lac	Completed
3.	AICTE	MODROBS	Chem.Tech	2002	01 Year	8.9 Lac	Completed
4.	AICTE	TAPTEC	Env. Engg. & Sciences	2003	01 Year	18.5 Lac	Completed
5.	World Bank	TEQIP	Env. Engg. Lab	2003	05 Year	60.0 Lac	Completed
6.	State Govt.	Development Fund	M.T. Lab H.T. Lab	2005	02 Year	50.0 Lac	Completed
7.	AICTE	MODROBS	Chemical Reaction Engg	2013-14	01 Year	3.0 Lac	Completed
8.	AICTE	MODROBS	Process Control	2013-14	01 Year	4.0 Lac	Completed
9.	AICTE	MODROBS	Fluid Mechanics	2014-15	01 Year	2.70 Lac	Completed

16. Previous financial assistance taken from MPCST:

Sr. No	Year of sanction	Purpose	Amount sanctioned	Status of Utilization Certificate
1	2013-2015	Modeling of Emission for Assessing the Air Quality in Ujjain City	4.48 Lakh	Submitted

17. List of Publications:

S. No	Title of Paper/Report/Book	Author(s)	Name & Vol. of Journal & Year	Page No.	
				From	To
1.	Decolorization of azo dye solution by ozone based advanced oxidation processes: optimization using response surface methodology and neural network	Chhaya Rekhate, J. K Srivastava	Ozone: Science & Engineering, Vol 42, issue 6, 2020, page 492-506. doi:10.1080/01919512.2020.1714426.	492	506
2.	Recent advances in ozone-	Chhaya Rekhate,	Chemical Engineering		

	based advanced oxidation processes for treatment of wastewater- A review	J. K Srivastava	Advances, Vol 3,2020, 100031 https://doi.org/10.1016/j.ceja.2020.100031		
3.	Degradation of phenol in synthetic and secondary municipal wastewater by photocatalytic ozonation using Fe doped TiO_2 nanoparticles: Optimization using RSM	Chhaya Rekhate, J. K Srivastava	Desalination and Water treatment, Vol 224, June 2021, page 228-242.	228	242
4.	Effectiveness of Combined Ozonation and Fenton ($O_3/Fe^{2+}/H_2O_2$) Process for Detoxification of Heavy Metals in Municipal Wastewater by Using RSM	Chhaya Rekhate, J. K Srivastava	Chemical Engineering and Processing: Process Intensification, Vol 165, 2021, 108442 https://doi.org/10.1016/j.cep.2021.108442		
5.	Degradation of pharmaceutical antibiotic (ciprofloxacin) by photo catalysis process using Sol-Gel based Titanium dioxide nanoparticles	Nitesh Parmar, J.K. Srivastava	International Conference on Reaction Engineering (IRCE2021), May 2021		
6.	Fenton Oxidation Process as Remedial Solution for Sewage Water	Chhaya Rekhate, J. K Srivastava	International Conference on Recent Advances in Interdisciplinary Trends in Engineering & Applications, SSRN-Elsevier (2018-19) https://ssrn.com/abstract=3366881		
7.	Treatment of Pharmaceutical waste water by coagulation process using moringa Oleifera as a Natural Coagulant	Nitesh Parmar, J.K. Srivastava	International Conference on Recent Advances in Interdisciplinary Trends in Engineering & Applications, SSRN-Elsevier (2018-19)		
8.	Assessment of groundwater quality status by using water quality index method in Ujjain city, Madhya Pradesh ,India	Vikas Vishwakarma, J.K. Srivastava	International Conference on Recent Advances in Interdisciplinary Trends in Engineering & Applications, SSRN-Elsevier (2018-19)		
9.	Steel Re-Bars In-line treatment process optimization by ANN-	Modi A., J.K. Shrivastava,	Int. Journal of Emerging technology and advanced Engg,	224	229

	DOE modeling	D.A. Hindolia	Vol 7, Issue 7, 2017		
10.	Pollution emission control and energy optimization in mini- steel rolling processes by loss function approach- A case study	Modi A., J.K. Shrivastava, D.A. Hindolia	Eco. Env. & Cons 19(4):2013	153	158
11.	Sequential simulation of steel rolling reheating process for target oriented energy	Modi A., J.K. Shrivastava, Sharma Aniruddha, Sharma Aditya	Int. Journal of Fundamental & applied research, Vol 2, issue 8, 2014	01	09
12.	Time-series Analysis of Composting Phenomenon of Agricultural Waste Using ANN	Shilpa Tripathi & Dr. J.K. Srivastava	International Journal of Biotechnology, chemical & Environmental Engineering 1(1), 2012	1	17
13.	Simulation of Carbon Dioxide Production During Composting of Agro wastes	Shilpa Tripathi & Dr. J.K. Srivastava	International Journal of Engineering & Technology UK 2(1) , 2012	76	86
14.	Effect Of Initial Estimate Of Aqueous Carbon On Ann Based Simulation Of Composting Of Agricultural Waste	Shilpa Tripathi & Dr. J.K. Srivastava	International Journal of Engineering Research and Industrial Sciences 4(II), 2011	1	14
15.	Role of Constraints on Process Parameters in Artificial Neural Network Based Simulation of Composting of Agricultural Waste	Shilpa Tripathi & Dr. J.K. Srivastava	Indian Journalof science &Technology 2012	542	545
16.	Experimental determination of Carbon Dioxide Evolution During Aerobic Composting of Agro waste	Shilpa Tripathi & Dr. J.K. Srivastava	Journal of Environmental Science and Engineering, National Environmental Engineering Research Institute March-2012		
17.	Organized & Optimized Composting of Agro Waste: Some Important Considerations and Approaches	Shilpa Tripathi & Dr. J.K. Srivastava	Journal of Environmental Science and Engineering, National Environmental Engineering Research Institute June-2012		
18.	A Study of on Carbon dioxide & Ammonia evolved during composting of solid	Shilpa Tripathi, Dr. J.K.Srivastava Nitesh porwal	Environmental Science Vol.7(2)2012	62	66

	agricultural waste				
19.	Removal of BOD and alkalinity from water by soil Bio technology	Jitendra Patidar, Dr.J. K. Srivastava Alka Shrivastava	Pollution Research issue 2, 2012		
20.	Percentage Removal COD, TSS from domestic sewage water using SBT by unaltered Media	Rajni Bharti, Dr. Alka Srivastava, Dr. J.K. Srivastava	Pollution Research issue 2, 2012		
21.	Seasonal variations of dis-infection by-products in Drinking water	S.Verma, AK Sharma, JS Yadav, J.K. Srivastava	Pollution Research issue no 29 (4), 2010	627	633
22.	Modeling of composting phenomena of solid agriculture waste using agricultural natural netwest	Shilpa Tripathi, Dr. J.K.Srivastava	National conf. on Anaerobic energy through microbes, BITS, Pilani Jan. 2009		
23.	ANN & Regression Modeling for dissolve Solids (DS) removal from Industrial Effluents	R.K. jain U. Pendharkar J.K. Srivastava R.K. Dave	Pollution research 28(2), (2009)	1	6
24.	Modeling of composting phenomena of Agricultural waste using ANN	S. Tripathi J.K. Srivastava	ADREM (Conference) 2009		
25.	A New Approach for Treatment on high BOD wastewater High rate aeration Activated sludge process	A. W. Kharche J.K. Srivastava	Poll. Res. 32(2) 275-283 (2004)	275	283
26.	Removal of copper Ion (Cu^{2+}) using Soya bean hulls	J.S. Yadav M. Soni S. Verma J.K. Srivastava	Pollution Research (journal) 27(2): 323-326 (2008)	323	326
27.	Removal of Hexavalent Chromium from Aqueous solution by adsorption on Soya bean hulls	J.S. Yadav M. Soni Dr. T.A. Sihorwala Dr. J.K. Srivastava	IWWA (International Conference) 2008		
28.	Enhancement of zinc (II) Ion by adsorption using modified soya bean hulls	J.S. Yadav M. Soni R.K. Jain S. Verma J.K. Srivastava	Engineering & Environmental Science Journal 3(1), 2007		

29.	CFD validation for fly ash particle classification in hydro cyclones	K. Udaya Bhaskar Y. Rama Murthy N. Ramakrishnan J.K. Srivastava Supriya Sarkar Vimal Kumar	Mineral Engineering (Journal) 20 (2007) 290-302	290	302
30.	CFD simulation and experimental validation studies on hydro cyclones	K. Udaya Bhaskar Y. Rama Murthy M. Ravi Raju Sumit Tiwari J.K. Srivastava N. Ramakrishnan	Mineral Engineering (Journal) 20 (2007) 60-71	60	71
31.	Vermi composting for Eco friendly farming and waste management	Shilpa Tripathi J.K. Srivastava U. Pendharkar	RTTE (National Conference) 2007		
32.	Application of Neural network for modeling of composting phenomenon of solid agriculture waste	Shilpa Tripathi J.K. Srivastava	EMASS-2020 International Conference 422-426	422	426
33.	Modeling of bubble column scrubber for flue as desulphurization	S. Sharma A.K. Sharma J.K. Srivastava N. Lal	EMASS 2020 International Conference 2007, 334-352	334	352
34.	Wet scrubbing of Sulfur dioxide in the Bubble column scrubber	S. Sharma A.K. Sharma J.K. Srivastava	Engineering & Environmental Science Journal, 3(1),2007		
35.	Laboratory experiments on use of soil as base during Bio- conversion of organic waste	J.Palsania R. Sharma J.K. Srivastava D.Sharma	EMASS 2020 International Conference 2007, 242-244	242	244
36.	Adsorption of Chromium (VI) By Low-cost adsorbent prepared from Soya bean Hulls	J.S. Yadav M. Soni S. Verma L.Thakur J.K. Srivastava	EMASS 2020 International conference 2007, 137-139	137	139
37.	Advance Technologies in water and waste water treatment :A review	R.K. Khushal J.S.Yadav M.Soni J.K. Srivastava	EMASS 2020 International Conference 2007, 272-76	272	276
38.	CFD Study on Hydro Cyclone	Y. Rama Murthy Vinit Singh K. Udaya Bhaskar J.K. Srivastava	Mineral Processing Technology (International Seminar) 2007		

39.	Characterization Studies on Cenospheres	Y. Rama Murthy K. Udaya Bhaskar N. RamaKrishnan J.K. Srivastava	Mineral Processing Technology (International Seminar) 2007		
40.	CFD Simulation Studies on an Air Separator for classification of coal fines	Y. Rama Murthy K. Udaya Bhaskar N. RamaKrishnan J.K. Srivastava	Mineral Processing Technology (International Seminar) 2007		
41.	Modeling of Reaction Rate Kinetics for Composting of Solid Agriculture Waste	Shilpa Tripathi J.K. Srivastava R.K. Sharma	Recent Trends in Surface Science- 2007		
42.	Effect on COD after Treatment of post Anaerobic high BOD waste water anaerobic bio oxidation	A.W. Kharche J.K. Srivastava	Maharashtra Environmental Research Journal 2006		
43.	Comparative Experimental study on organic solid waste Bio conversation Efficiency under stationary and Shaken condition	J. Palsania Deepa Sharma R. Sharma J.K. Srivastava	Engineering & Environmental Science Journal 2(2), 2006		
44.	A Bio – Kinetic model for treatment of distillery waste water using activated Sludge process	Shilpa Tripathi J.K. Srivastava A.W. Kharche	International Journal of applied Environmental science 2006		
45.	Kshipra river purification & its ground water management	Parag Dalal J.K. Srivastava	Pollution research (Journal) 2006		
46.	A Study on Reduction of COD in waste water using high Aeration rate ASP	Shilpa Tripathi J.K. Srivastava A.W. Kharche	NCEC-2006 National Conference		
47.	Techno-economic-enviro Feasibility of control technologies for the abatement of particulate laden sulphur dioxide Pollution	S. Sharma A.K. Sharma J.K. Srivatava	Engineering and Environmental sciences Journal (Journal) 2(2), 2006		
48.	Desalination of sea water by reverse osmosis	A.K. Dwivedi J.K. Srivastava	International Symposium on Desalination and water purification		
49.	Bio-Conversion of organic solid waste by application of A-terrous (M3) follow by Eisenia Feetida, species of earthworm	J. Palsania Deepa Sharma R.Sharma J.K. Srivastava	Engineering and Environmental Journal 2(1), 2006		
50.	Control of COD in high	Shilpa Tripathi	Chemical Engineering		

	BOD wastewater : Effect of MLASS connection	J.K. Srivastava	and Environmental current trends & issues (National Conference) Nov. 3-4, 2006		
51.	General model for the village milk processing unit	A.K. Sharma S.G. Sharma J.K. Srivastava	Engineering and Environmental Sciences Journal 2 (1), 2006		
52.	Characterization studies on Lead- zinc Tailings from Rampura Agucha mines	K. Udaya Bhaskar M. Ravi Raju K. Kosala Rao P. Banerjee J.K. Srivastava N. Ramakrishnan	Mineral Processing Tech. (International Seminar) – 2006, 112-118	112	118
53.	CFD Simulation studies on a 19^0 Cone Angle Hydro Cyclone	K. Udaya Bhaskar Y. Rama Murthy J.K. Srivastava N. Ramakrishan	Mineral Processing Tech. (International Seminar) – 2006, 203-209	203	209
54.	Bio Conversion of organic Solid Waste by Application of A- Terreus (M-3) followed by Eisenia Feetida species of earthworm	J. Palsania Deepa sharma R. Sharma J.K. Srivastava	Engineering and Environmental Journal, 2(1), 2006		
55.	CFD Analysis of Water flow behavior inside a falcon Bowl	K. Udaya Bhaskar Y. Rama Murthy J.K. Srivastava N. Ramakrishan	Mineral Processing Tech. (International Seminar) – 2006, 193-202	193	202
56.	Classification of Ultra fine particles from fly Ash	K. Udaya Bhaskar Y. Rama Murthy J.K. Srivastava	Mineral Processing Tech. (International Seminar) – 2006		
57.	MGS Studies for Recovering Iron & Silver Values from Lead-zinc Tailings	K. Udaya Bhaskar Y. Rama Murthy J.K. Srivastava	Mineral Processing Tech. (International Seminar) – 2006		
58.	Effect of High MLSS concentration on control of COD in high BOD waste water	Shilpa Tripathi J.K. Srivastava	Environmental Management (International Conference) 2005 Organized by J.N.T.U., Hyderabad		
59.	Characterization studies on a typical Ash pond	K. Udaya Bhaskar Y. Rama Murthy	Fly Ash India (Journal), 2005		

	Floater Material	O.P. Modi J.K. Srivastava N.Ramakrishnan	New Delhi		
60.	Ozone as an alternative to chlorine in advance waste water treatment	K. Upadhyay J.K. Srivastava	Engineering and Environmental Sciences Journal Vol. 1 No.1 2005, PP. 52-61	52	61
61.	Ultra fine size classification studies of Flyash	K. Udaya Bhaskar Y.Rama Murthy J.K. Srivastava N.Ramakrishnan Vimal Kumar	Fly Ash India (Journal), 2005 New Delhi		
62.	Some studies on the use of ozonation process related to waste water	K. Upadhyay J.K. Srivastava	Pollution Research (Journal) 24(3) : 613-623 (2005)	613	623
63.	Adsorptive studies for phenolic waste water treatment	A.K. Dwivedi H.K. Mehta J.K. Srivastava	Global Prospects & Challenges for chemical Engineering Profession in New Millennium (Seminar) 2002``		
64.	Development of EMIS module for technical education	A.K. Dwivedi J.K. Srivastava	National seminar on MIS, 6th Annual Convention of ISTE, M.P. Section, Ujjain, 2002		
65.	Bio Energy from Cellulosic waste	B. Mazumdar J.K. Srivastava S.K. Chandrakar	Recent Trends in Energy Utilization and conversion (Seminar) 1997		
66.	Energy Management Vital for Indian Economy	A.K. Dwivedi B. Mazumdar J.K. Srivastava	Recent Trends in Energy Utilization and Conversion (Seminar) 1997		
67.	Observation on chemical Interference of zinc sulphate species on their derivatives in biological system	B.Mazumdar J.K. Srivastava S.K. Chandrakar	Academic Environmental Biology (Journal) 1993		
68.	Optimum design of Biogas reaction	J.K. Srivastava B.Mazumdar S.K. Chandrakar	Scope of Chemical Industries in western Region of M.P. (Seminar)		
69.	Bio-Energy from Cellulosic waste	J.K. Srivastava S.K. Awasthi	Energy Conservation in Chemical and Allied Industries		

70.	Sustainable Development of Ujjain city by Kshipra River Purification	Parag Dalal A.K. Dwivedi J.K. Srivastava L.S. Thakur	EMASS-2020 252-8, 2007		
71.	Disinfection by product formation in drinking water treatment and Remedial Strategies.	R. Priyadarshi S. Verma Manoj Hinge J.K. Srivastava	EMASS-2020 409-18, 2007		
72.	Predicting COD Removal of Ozonation Process for Waste from Electro Plating Industry	Shikha Babar R.K. Jain U. Pendharkar J.K. Srivastava	EMASS-2020 430-34, 2007		
73.	Artificial Neural Network Modeling of ozonation process for Removal of BOD form Electro Plating industry	Vipin Dubey R.K. Jain U. Pendharkar J.K. Srivastava	EMASS-2020 439-44, 2007		
74.	Ultra High Temperature milk Treatment & It's Bacterial Analysis	Parag Dalal A.K. Dwivedi J.K. Srivastava	RTTE-2007		
75.	Biomethanol production from agricultural waste Products	J.S. Yadav M. Soni S. Verma J.K. Srivastava	National Conference on Mechanical Production Engg. System in 21st Century Jabalpur 2007		
76.	Hydrogen Production form waste Material	J.S. Yadav M. Soni S. Verma J.K. Srivastava	National Conference on Mechanical Production Engg. System in 21st Century Jabalpur 2007		
77.	Process and Recent Trends in Bio Fuels	J.S. Yadav M. Soni J.K. Srivastava	Recent Trends in surface Science, 2007		
78.	Application of Ozone in the treatment of industrial and municipal wastewater	K. Upadhyay J.K. Srivastava	Journal of Industrial Pollution Control Board 21(2) (2005)	201	212
79.	Review of Constructed wet land – A Low Cost Eco friendly method for wastewater treatment	R.V. Pattiwar S.R. Choudhary J.K. Srivastava	Engg. & Environmental Science Journal Vol. 1 No. 1, 2005 pp 32-38	32	38
80.	Energy efficient UHT milk processing in Tubular Heat Exchanger	A.K. Sharma S.G. Sharma J.K. Srivastava	Engg. & Environmental Science Journal Vol. 1 No. 1, 2005	71	78

81.	Review on Adsorptive Treatment of phenolic wastewater using Activated Carbons and synthetic low cost Adsorbents	A.K. Dwivedi J.K. Srivastava	Engg. & Environmental Science Journal Vol. 1 No. 1, 2005 27	20	27
82.	Studies on Physico-Chemical Parameters and Development of Environmental Management Module for purification of Holy River Kshipra in Ujjain	Parag Dalal A.K. Dwivedi J.K. Srivastava	OUR EARTH 2010		
83.	Development of Environmental Management Module for purification of Holy River Kshipra	Parag Dalal A.K. Dwivedi J.K. Srivastava	Asian Journal of Chemical and Env. Research, Vol. 1, Issue 4, Oct 2008	59	64
84.	Kshipra River Conservation be Sewage Treatment : A Cast Study of Emerging Trends in Chemical Engineering	Parag Dalal A.K. Dwivedi J.K. Srivastava	Journal Engineering Development Research 2009		
85.	Sustainable Development of Ujjain City by development of an Environmental Management Module for purification of Holy river Kshipra	Parag Dalal A.K. Dwivedi J.K. Srivastava	11th world Water Conference 1-7 Nov 2008		
86.	Studies on Physico-Chemical Parameters and development of Environmental Management Module for purification of holy River Kshipra in Ujjain	Parag Dalal A.K. Dwivedi J.K. Srivastava	Our Earth, Research (Journal), Vol. 6, No. 1, 2009		
87.	Adsorptive Removal of methylene blue dye from an Aqueous solution using water hyacinth root power as a low cost Adsorbent	Meena Soni Ashok K. Sharma J. K. Srivastava J. S. Yadav	International Journal of Chemical Science and Applications Vol 3, Issue 3,2012,	338	345
88.	Evaluation of the Absorption potential of the water beat Eichhornia crassipes for removal of Malachite Green	Meena Soni Ashok K. Sharma J. K. Srivastava	Journal of Chemistry and Chemical Science Vol 2, Issue 4,Oct	138	174

		J. S. Yadav	2012		
89.	Modeling of Ambient Air for SOx and NOx Pollutant through ANN in Industrial Area of Ujjain City	P. Yadav A. Srivastava A. Sharma J.K.Srivastava	Journal of Industrial Pollution Control issue 1, 2014		
90.	Modeling of Ambient Air for RSPM and SPM Pollutant through ANN in Sensitive Area of Ujjain City	S. Pandey A. Srivastava A. Sharma J.K. Srivastava	International Journal of Chemical Sciences and Applications issue 3, 2013		
91.	Modeling of Ambient For Sox and NOx Pollutants Through Artificial Neural Network In Sensitive Area of Ujjain City	S. Pandey A.K. Dwivedi J.K. Srivastava	11th world Water Conference 1-7 Nov 2008		
92.	Performance Analysis of Aerated ASP for Treatment of High BOD Wastewater Using different MLSS Concentrations	S. Tripathi J.K. Srivastava A.W. Kharche	International Conference of Chemistry & Environment 24-26 Dec 2005		
93.	Chlorine Decay Kinetics in Drinking Water	S.Verma A. K. Sharma J.S. Yadav J. K. Srivastava	Asian Journal of Chemical & environmental, Vol 2, 2009		
94.	Kshipra River Conservation by Sewage Treatment	P. Dalal A.K. Dwivedi J. K. Srivastava	Journal of Pollution Research Vol 4, 2009		
95.	Pollution Emission Control and Energy Optimization in the Mini-Steel Rolling Processes by Loss Function Approach-A Case Study	A. Modi J.K. Srivastava D.A. Hindolia	EM International Journal		
96.	Removal of Congo Red and Methylene Blue by using Low Cost Adsorbent	Jayshree Baitod Kanjan Upadhyay J.K. Srivastava	International Journal of pollution Research		
97.	Modeling of Ambient Air Pollutant through ANN at Industrial Area of Ujjain City(A Review)	P. Yadav Alka Srivastava Ashok Sharma J.K. Srivastava	Novus International Journal		
98.	Removal of Heavy Metals from Waste Water using Polypyrole as a Ploy Composite Material(A	B. Alawa Alka Srivastava J.K. Srivastava J. Palsania	Novus International Journal		

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99.	Biosorption of Heavy Metals From Waste Water By Using Microalgae	M. Barange A. Srivastava J.K. Srivastava J. Palsania	International Journal of Physical and Chemical Sciences		
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103.	Adsorption of Heavy Metal As (v) from synthetic Waste Water by Polypyrole Composites	B. Alawa J.K. Srivastava A. Srivastava J.Palsania	National Seminar on Waste Management in Indian Scenario		
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		J.K. Srivastava J Palsania	Bioscience		

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