

CURRICULUM VITAE

1. Name (in Block Letters) : **Dr. SIDDHARTHA SHUKLA**
2. Father's Name/Mother's Name : Late Shri Shrinarain Shukla/Smt. Geeta Shukla
3. Department : Environmental Sciences
4. Current Designation : Professor & Head
5. Date and Place of Birth : 01/01/1976; Gorakhpur
6. Sex : Male
7. Marital Status : Married
8. Nationality : Indian
9. Indicate whether belongs to SC/ST/OBC category: General
10. Address for Correspondence : Department of Environmental Sciences, Dr. R. M. L. Avadh
(With Pin code) University, Faizabad. 224001 UP.
11. Permanent Address : Department of Environmental Sciences, Dr. R. M. L. Avadh
(With Pin code) University, Faizabad. 224001 UP.
- Telephone No.(Mob.) : 9450767928 (M); 05278-247581 (O)
- Email : parthashukla91@gmail.com

1. Academic Qualifications(Matric till Post Graduation):

Examination	Name of the Board/ University	Year of Passing	Percentage of marks obtained	Division/ Class/Grade	Subject
High School	U.P. Board, Allahabad	1989	55.2%	II	Hindi, English, Math-2, Science-2, Social Science, Biology
Intermediate	U.P. Board, Allahabad	1991	57%	II	General Hindi, English, Physics, Chemistry, Biology
Graduation	Gorakhpur University, Gorakhpur	1994	64.2%	I	Zoology, Botany, Chemistry
Post Graduation	Dr. R.M.L.Avadh University, Faizabad	1997	72.3%	I	Environmental Sciences
Others (NET/JRF)	GATE	1997			Life Sciences
	STATE UNIV. MERIT FELLOWSHIP	1997			Environmental Sciences
	ICAR-NET	1998			Environmental Sciences
	JOINT UGC-CSIR NET	1999			Life Sciences
	CSIR-SRF	2000			Environmental Microbiology

13. Research Degree(s):

Degrees	Title	Date of award	University
Ph.D./D.Phil.	"Enrichment and characterization of microbial consortium for degradation of pentachlorophenol in tannery effluent"	20, August 2001	G. B. Pant University of Agriculture & Technology, U.S. Nagar, Uttarakhand.

14. Appointments held prior to joining this institution:

Designation	Name of Employer	Date of Joining		Salary with Grade	Reason of leaving
		Joining	Leaving		
SRF	DBT	8/8/200	5/12/200	5000/-	Awarded CSIR-SRF
SRF	CSIR	5/12/2000	9/4/2001	5600/-	Appointed as Lecturer

15. Posts held after appointment at this institution:

Designation	Department	Date of actual Joining		Grade
		From	To	
Lecturer	Environmental Sciences	10/4/2001	10/4/2005	8000-275-13500 (Rev. 15600-39100; AGP 6000)
Senior Lecturer	Environmental Sciences	10/4/2005	10/4/2010	10000-325-15200 (Rev. 15600-39100; AGP 7000)
Reader	Environmental sciences	10/4/2010	10/4/2013	10000-325-15200 (Rev. 15600-39100; AGP 8000)
Associate Professor	Environmental sciences	10/4/2013	10/4/2016	37400-67000 AGP 9000
Professor	Environmental sciences	10/4/2016	Contd.	37400-67000 AGP 10000

16. Period of teaching experience: P.G. Classes (in years) : 20

17. Research experience excluding years spent in M.Phil/Ph.D.(in years) : 20

18. Research Experience as student:

Research Topic	Institute	Nature of Duties	Period
"Analysis of Physico-Chemical parameters of Saryu river water& their impact on fish at Faizabad & Ayodhya"	Dr. R.M.L. Avadh University, Faizabad U.P.	Worked as M.Sc. Student	8 Months
"Enrichment & Characterization of microbial consortium for degradation of Pentachlorophenol in tannery effluent"	G.B.PU.A.& T., Pantnagar, Nainital Uttaranchal	Worked as Research Scholar	4 Years

19. Fields of Specialization under the Subject/Discipline: Environmental Microbiology

20. Administrative experiences:

- Worked as superintendent of Luv-Kush Engineering Boys Hostel.
- Worked as A.D.S.W.
- Worked as examination monitor of Dr. R.M.L.Avadh University, Faizabad
- Worked as Assistant Coordinator in University residential and B.Ed. Examinations.
- Worked as convener in University flying-squad.

- f) Worked as local organizing member in the National seminar entitled “Climate Change And its Impact on Biological Community” Organized by Department of Environmental sciences, Dr. R.M.L. Avadh University Faizabad, 12-13th February 2011.
- g) Worked as observer in Medical examinations of University.
- h) Worked as observer in B.Ed. Examination.
- i) Member of Executive council of Dr. R. M. L. Avadh University, Faizabad, UP.
- j) Member of Academic council of Dr. R. M. L. Avadh University, Faizabad, UP.
- k) Worked as member of different committees constituted by University.
- l) Worked as Joint Organizing Secretary in NCECM-2018.
- m) Worked as editor of Souvenir and abstracts in NCECM 2018.

21. Experience as Guide/Supervisor:

- A. Guided more than 50 PG. students for their dissertation.
- B. Guided 3 students for Ph.D. in Environmental Sciences (Ph.D. Awarded).
- C. Guiding 1 student for Ph. D..

22. Project Handled:

Project entitled “Isolation & Characterization of pentachlorophenol degrading bacterial consortium and assessment of their pentachlorophenol degrading potential by applying them in tannery effluent” awarded by DST under Young Scientist Fast Track Scheme.

23. Academic Staff College Orientation /Refresher Course attended:

Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
Orientation (IT)	UGC-ASC Allahabad University	31 March to 25 April 2005	UGC
Summer School “Remote sensing and GIS applications”	Indian Institute of Remote sensing (IIRS) Dehradun	07, May to 29, June 2007	NNRMS (ISRO)
Refresher (Environmental Sciences)	UGC-ASC Jawaharlal Nehru University (JNU), New Delhi	04, April to 29, April 2011	UGC
Refresher (Environmental Sciences)	UGC-ASC Gorakhpur University	29, September to 19, October 2012	UGC

24. Member of Professional Bodies, Societies:

- 1. Life Member AEB
- 2. Life member of ISES

25. Member of editorial board: Member of International journal of Advance Research and Technology

26. Presented research papers in conferences/attended seminars

- a. Paper entitled “Application -----tannery effluent” in National Symposium on Microbes and Human welfare, October 2000, 14-16 C.C.S. University, Meerut, India.
- b. Paper entitled “ Isolation & characterization-----tannery effluent” in group monitoring workshop, Department of Microbiology & Biotechnology, Barkatullah University, Bhopal, 29-30 October, 2005.
- c. Attended one day workshop organized by IIRS, Dehradun on “EDUSAT based learning for RS, GIS and GPS” June 1, 2007.
- d. Paper entitled “Effect of pH & temperature----tannery effluent” In National seminar on “Climate change and its impact on Biological community”, organized by Department of Environmental Sciences, Dr. R. M. L. Avadh University, Faizabad. 12-13February, 2011.
- e. Paper entitled “ Low cost adsorption-----tannery effluent” In 38th Annual session of the Academy of Environmental Biology and National Conference on Current Issues of Environmental Health, Climate Change and its Management (NCECM-2018), 3-4 October, 2018. Dr. R. M. L. Avadh University, Ayodhya, UP. India
- f. Paper entitled ‘Hexavalent chromium removal-----using saw dust’ in National Conference on Interdisciplinary Advancements in Biochemistry (NCIAB-2019), 28-29 March, 2019. Dr. R. M. L. Avadh University, Ayodhya, UP. India

27. Book/ Book chapter published:

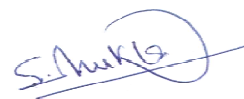
1. Tewari, P.C., Andrabi, S.Z.A., Chaudhary, C.B. and **Shukla, Siddhartha** (2012). Enumeration of Pentachlorophenol degrading potential of bacterial strains isolated from the tannery effluent sludge of Jajmau, Kanpur (UP), in, **Global warming and climate change**. Joshi, B.D., Pandey, G.C. and Joshi, Namita (eds). APH Publishing Corporation Ansari Road, Daryaganj, New Delhi-110002.
2. **Siddhartha Shukla**, (2019), Basic Concept of Environmental Impact Assessment, Vikas Publisher and Distributers, Head office – 2085/2, III floor, Bajrang Bazar, B.P. Delhi -110006.

28. List of Publications

1. **Shukla, S.** and Pandey, G. C. (2001). Effect of dead body cremation on the breathing rate of fish of Saryu river at Faizabad and Ayodhya. *Poll. Res.* 20 (2):279-282. [ISSN No. 0257-8050]
2. **Shukla, S.**, Sharma, R. and Thakur, I. S. (2001). Enrichment and Characterization of Pentachlorophenol degrading microbial community for the treatment of tannery effluent. *Poll. Res.* 20(3):353-363. [ISSN No. 0257-8050]
3. Mishra, A., Pandey, G. C., Pandey, A. C. and **Shukla, S. (2001)**. Alteration in the gonads of *Clarius batrachus* Linn following exposure to paper mill effluent. *J. Ind. Poll. Cont.* 17 (2):219-223. [ISSN No. 0970-2083]
4. Tiwari, Vinod, Kumar and **Shukla, Siddhartha (2003)**. Analysis of Physico-Chemical parameters of Saryu River water at Guptar ghat Faizabad and Cremation ghat Ayodhya. *Proc. Nat. Conf. on Global air and water as sustainer of life*. Feb. 9-10: 27-30.

5. Chaudhary, Chandra bhan and **Shukla, Siddhartha (2006)**. Effect of dead body cremation on the primary productivity of Saryu river at Ayodhya and Faizabad, India. *Poll. Res.* 25 (3):641-643. [ISSN No. 0257-8050]
6. Andrabi, S.Z.A., Tewari, P.C., Chaudhary, C.B. and **Shukla, Siddhartha (2010)**. Biotreatability of Pentachlorophenol by aerobic bacterial consortium in tannery effluent. *Asian Journal of Chemical and Environmental Research.* 3:46-51. [ISSN No. 0974-3049]
7. Andrabi, S.Z.A., Tewari, P.C., Chaudhary, C.B. and **Shukla, Siddhartha (2010)**. Comparative Pentachlorophenol degrading potential of two bacterial consortia isolated from tannery and pulp and paper mill effluent sludge. *J. Ecophysiol. Occup. Health.* 10:197-202. [ISSN No.(online) 0974-0805; (print) 0972-4397]
8. Tewari, P.C., **Shukla, Siddhartha** and Srivastava, S.K. (2010). Hyperthermophiles: The pioneer of this planet and for the global research pioneer. *Environment and We An Int. J. Sci. & Tech.* 5:27-34. [ISSN No. (online) 0975-7120; (Print) 0975-7112]
9. Tewari, P.C., Andrabi, S.Z.A., Chaudhary, C.B. and **Shukla, Siddhartha (2011)**. Screening of Pentachlorophenol degrading bacterial strains isolated from tannery effluent sludge at Kanpur, India. *Environment and We An Int. J. Sci. & Tech.* 6(2):77-84. [ISSN No. (online) 0975-7120; (Print) 0975-7112]
10. Tewari, P.C. and **Shukla, Siddhartha (2012)**. Assessment of Pentachlorophenol (PCP) degrading bacterial strains isolated from the tannery effluent sludge of Jazmau(India). *Int. J. Sci. & Tech.* 2(2):39-49. [ISSN No. 2347-7490]
11. Tewari, P.C., **Shukla, Siddhartha** and Pandey, P. (2012). Biodegradation of Pentachlorophenol (PCP) by consortium of *Flavobacterium sp.* in tannery effluent. *J. of Env. Res. & Dev.* 7(2A): 876-882. [ISSN No. (online) 2319-5983; (Print) 0972-6921]
12. Tewari, P.C., **Shukla, Siddhartha** and Pandey, P. (2013). Simultaneous assessment of Pentachlorophenol degrading potential of an aerobic bacterial consortium isolated from tannery and pulp and paper mill effluents. *J. of Env. Res. & Dev.* 1(1): 1-5. [ISSN No. (online) 2319-5983; (Print) 0972-6921]
13. Tewari, P.C. and **Shukla, Siddhartha (2013)**. Assessment of metabolite formed during an aerobic bacterial degradation of Pentachlorophenol. *Int. J. Adv. Res. & Tech.* 1(2):50-53. [ISSN No. 2347-7490]
14. Tewari, P.C. and **Shukla, Siddhartha (2013)**. Simultaneous assessment of Pentachlorophenol degrading potential of an aerobic bacterial consortium isolated from tannery and pulp and paper mill effluents. *Int. J. Adv. Res. & Tech.* 1(1):1-6. [ISSN No. 2347-7490]
15. Tewari, P.C., Pandey, P. and **Shukla, Siddhartha (2014)**. Environmental Performance Index (EPI):Tool for Sustainable Globalization. *Int. J. Adv. Res. & Tech.* 2(1):17-23. [ISSN No. 2347-7490]
16. Tewari, P.C., Darla Mc. Carthy and **Shukla, Siddhartha (2014)**. In vivo Enrichment and assessment of PCP degrading aerobic bacterial consortium screened from tannery effluent sludge of Jazmau, Kanpur (India). *Int. J. Adv. Res. & Tech.* 2(2):51-57. [ISSN No. 2347-7490]

17. **Shukla, Siddhartha** and Tewari, Prakash, Chandra (2014). Degradation of Pentachlorophenol by an aerobic bacterial consortium of *Pseudomonas*, *Arthrobacter* and *Sphingomonas* screened from tannery effluent, Jajmau, Kanpur. *Int. J. of Adv. Res. and Tech.* Vol. (2), Issue 3, pp 13-18. [ISSN No. 2347-7490]
18. Tewari, Prakash, Chandra and **Shukla, Siddhartha (2015)**. Study of Pentachlorophenol degrading potential of two bacterial consortia isolated from tannery and pulp and paper mill effluent sludge. *Int. J. Adv. Res. & Tech.* 3(3):1-9. [ISSN No. 2347-7490]



(Dr. Siddhartha Shukla)
Professor
Environmental Sciences