Curriculum Vitae

Name:	Dr. Shubhra Tiwari
Husband's Name:	Mr. Amit Kumar Tiwari
Date of birth:	23/08/1982
Current Position:	Research Associate S.o.S. in Biotechnology, Pt. Ravishankar Shukla , Raipur (Chhattisgarh)
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Education:
1. Ph.D. Biotechnology (2013) Thesis title: Production of bioethanol from rice bran
2. M.Phil Biotechnology (2009) Secured Ist Rank in Merit
3. M.Sc. Biotechnology (2006) Secured Ist Rank in Merit
4. B.Sc. CBZ (2004) Secured Ist Rank in Merit

Awards:
1. Recipient of Pt. Ravishankar Shukla University Gold Medal in M.Sc. Biotechnology-2006
2. Recipient of 8th Chhattisgarh Young Scientist Award (Biotechnology) 2010 Organized by Chhattisgarh Council of Science and Technology

Member:
1. Joint Secretary of Alumni Association of Biotechnology, Amanaka Raipur (Reg. No.29709)
2. Life member of Alumni Association of Biotechnology, Amanaka Raipur (Reg. No.29709)
3. Member of SHAKTI: A National Movement for Women (Reg.No. ER-294/04)

Research Guidance: *M.Sc. (Dissertation):*

1. Lipkia Verma	Bioethanol production from rice straw	2020
2. Suraksha Thorani	Bioethanol production from rice straw with *Sachharomyces cerevisae*	2021

Publications:
1. Paul J, Gupta N, Beliya E**, Tiwari S,** and Jadhav SK (2021) Aspects and recent trends in microbial alpha amylase: a Review. Applied Biochemistry and Biotechnology,1-50 **[SCI, IF 2.27]**
2. Gupta N, Beliya E, Paul J, **Tiwari S,** Kunjam S, and Jadhav SK (2021) Molecular strategies to enhance stability and catalysis of extremophile-derived alpha amylase using computational biology. Extremophiles.1-13. **[SCI, IF 2.4]**

3. JS Paul, Esmil Beliya, **ShubhraTiwari**, Karishma Patel, Nisha Gupta, SK Jadhav (2020) Production of biocatalyst alpha amylase from agro-waste rice bran by using *Bacillus tequilensis* TB5 and standardizing its production process. Biocatalysis and Agricultural Biotechnology 26:101648. **[SCOPUS]**

4. G Sinha, **Tiwari S** and Jadhav SK (2019) Simultaneous Saccharification and fermentation of rice residues and its comparative analysis for bioethanol production. Defence life science journal. 4(3):158-162.

5. **Tiwari S,** Jadhav SK and Tiwari KL (2016) Effect of physical parameters on production of bioethanol by *Bacillus cereus* strain McR -3. Research Journal of Chemistry and Environment.20(11):15-20. **[SCOPUS]**

6. Choudhary Ankita, **Tiwari Shubhra**, Jadhav SK and Tiwari KL (2016) Bioethanol production from Shorea robusta (Sal) seeds using *Zymomonas mobilis* MTCC92. Silpakorn University Science and Technology Journal. 10(3):1-6.

7. Chhaya Malagar, **Shubhra Tiwari**, SK Jadhav and KL Tiwari (2016) Comparative studies of *Saccharomyces cerevisiae* MTCC 4780 and *Pichia kudriavzevii* for bioethanol production using Sal (Shorea robusta) seeds. Journal of Biofuels. 7(1): 9-13 **[NAAS IF 3.36]**

8. Pandey Anshika, **Tiwari Shubhra**, Tiwari KL and Jadhav SK (2016) Relation between sugar consumption and bioethanol production potential in lignocellulosic biomass. Research Journal of Biotechnology. 11(1): 52-57.**[SCI Expanded, IF 0.29]**

9. **Tiwari S**, Jadhav SK, and Tiwari KL (2015) Bioethanol production from rice bran with optimization of parameters by *Bacillus cereus* strain McR -3. *Int. J. Environ. Sci. Technol.* 12, 3819–3826. DOI 10.1007/s13762-014-0746-1 **[SCI, IF 2.19]**

10. Anshika Pandey, **Shubhra Tiwari**, SK Jadhav and K.L. Tiwari (2014) Efficient microorganism for bioethanol production from lignocellulosic *Azolla.* Research Journal of Environmental Sciences. 8(6): 350-355.**[Thomson ISI]**

11**. Shubhra Tiwari**, SK Jadhav, Mayuri Sharma and KL Tiwari (2014) Fermentation of waste fruits for bioethanol production. Asian Journal of Biological Sciences. 7(1): 30-34. **[Thomson ISI]**

12. **Shubhra Tiwari**, SK Jadhav and KL Tiwari (2013) Comparative study of bioethanol production from different carbohydrate sources. *Researcher*. 5 (12) 219-221.

13. **Shubhra Tiwari**, SK Jadhav, KL Tiwari and Esmil (2013) Comparative study of bioethanol production from deoiled and oiled rice bran. *Research Journal of Biotechnology*. 8(9): 10-12. **[SCI Expanded, IF 0.29]**

14. Esmil Beliya, **Shubhra Tiwari**, Shailesh Kumar Jadhav and Kishan Lal Tiwari (2013) De-oiled rice bran as a source of bioethanol. *Energy Exploration & Exploitation.* 31(5):771–782. **[SCIExpanded, IF 0.9]**

15**.** Anshika Pandey, **Shubhra Tiwari**, K.L. Tiwari and SK Jadhav (2013) Bioconversion of lignocellulosic Azolla into bioethanol. *J. of applied Phytotechnology in Environmental Sanitation*. 2:59-64.

16. **Shubhra Tiwari**, SK Jadhav and KL Tiwari (2012) Production of Bioethanol from "Jatropha oil cake". *Researcher* 4(7):7-10.

17. KL Tiwari, SK Jadhav and **S Tiwari** (2011) Studies of bioethanol from some carbohydrate sources by Gram Positive Bacteria. *Journal of Sustainable Energy and Environment* 2: 141-145.
18. Tiwari KL, Jadhav SK and **Tiwari S** (2011) Antibacterial studies of cave water. *Deccan Current Science* 4: 237-240.
19. Tiwari, KL, Jadhav, SK and **Tiwari S** (2010) The effects of temperature variation in the bioethanol production process. *Bioprocessing Journal*. 9(1): 18-20.

Chapters in Book:

1. **Shubhra Tiwari**, SKJadhav, Esmil Beliya,' Jaishankar Paul and GDSharma (2020) Ethnic Fermented Beverages and Foods of Chhattisgarh In Ethnic Fermented Foods and Beverages of India: Science History and Culture.ISBN 978-981-15-1485-2. Springer Nature, Singapore.

2. **Shubhra Tiwari**, SK Jadhav, Esmil Beliya' and GD Sharma (2020) Fungal Bioengineering in Biodiesel Production. In Fungal Biotechnology and Bioengineering. Springer Nature, Singapore

3. **Shubhra Tiwari**, S.K.Jadhav and Ankita Choudhary Bioethanol production from Sal (*Shorea robusta*) seeds. p. 161 Chapter 21 Biotechnology and Traditional knowledge2015. ISBN: 978-81-7622-330-0.

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Declaration: I hereby declare that all the information is correct and true best of my knowledge.

Shubhra Tiwari
(17/06/2021)