CURRICULUM VITAE

Dr. Vipin Kumar Saini

Department of Biotechnology,
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QUALIFICATION:

- **Doctoral Degree** in Forest Biotechnology on the topic entitled **"Improved Delignification and Fiber Accessibility of *Dendrocalamus strictus* by White rot fungi"** from Forest Research Institute University, Dehradun in 2012.
- Masters in Biotechnology (first division) from M.M. (P.G.) College, Modi Nagar affiliated to CCS University, Meerut in 2006.
- Graduate with Biology (first division) from Maharaj Singh College, Saharanpur affiliated to CCS University, Meerut in 2004.
- Intermediate with Science Stream from U.P. Board, Uttar Pradesh in 2001.
- High School with all subjects from U.P. Board, Uttar Pradesh in 1999.

EXPERIENCE: (14 years)

- **4 year** teaching experience as **Assistant Professor** Department of Biotechnology, I.T.S Institute of Health & Allied Sciences Delhi-Meerut Road, Muradnagar, Ghaziabad from **13-11-2017 to continue….**
- **2 year 8 months** teaching experience as **Head/Assistant Professor** at Department of Biotechnology, Dr. K.N. Modi Institute of Pharmaceutical Education and Research, Modinagar from **27-02-2015 to 10-11-2017**.
- **2 years 2 months** teaching experience as a **Lecturer** at Department of Biotechnology, Dr. K.N. Modi Institute of Pharmaceutical Education and Research, Modinagar from **17-12-2012 to 27-02-2015.**
- **2 years** research experience as **Junior Research Fellow** in the project entitled, "**Effect of Improved Operational Parameters on Hydrolysis of Lignocellulosic Biomass to Enhance Total Reducing Sugar Yield for Bioethanol Production**" at Cellulose and Paper Division, Forest Research Institute, Dehradun from **September 2010 to August 2012.**
- **5 years** Teaching experience as Guest Lecturer at Cellulose & Paper Division, Forest Research Institute University, Dehradun from 01/09/2007 to 31/08/2012.
- **8 months** research experience as **Field Associate** in the project entitled **"Utilization of Fungi for Treatment of Waste Water"** at Ecology and Environment Division, Forest Research Institute, Dehradun from **January 2007 to August 2007**.

ACHIVEMENTS:

- **Best Faculty Award** of Dr. K.N. Modi Foundation Session **2014-2015**.

RESEARCH GUIDANCE:

- **PG (M.Sc.) :** 05 (Awarded)

TRAINING

- Carried out dissertation work from 15th July - 30th September, 2005 on the topic **"Studies on Production of Cellulase Enzyme from an Isolate and it's Application in Pulp and Paper Industry"** at Central Pulp & Paper Research Institute Saharanpur (U.P.).
- Successfully completed three day training program from 23rd to 25th March 2009 on **"Maintenance and Safety Aspects in Pulp and Paper Industry"** at Central Pulp & Paper Research Institute, Saharanpur (U.P.).

PUBLICATIONS: (Five International and One National)

- Richa Gupta, R.P. Bhatt, B.P Thapliyal, Sanjay Naithani and **Vipin Kumar Saini**. Evalution of white rot fungi, *Trametes versicolor* inducted biodelignification in wood plant eucalyptus. ***IPPTA Journal*** **25(2): 71-76, (2013).**
- Richa Gupta, **Vipin Kumar Saini**, R.P. Bhatt, B.P Thapliyal and Sanjay Naithani. Influence of Mechanical Operation on the Biodelignification of *Eucalyptus Tereticornis* by *Trametes Versicolor*. ***Cellulose Chemistry and Technology*****, 47 (9-10): 759-764 (2013). (Impact Factor – 0.833)**
- **Vipin Kumar Saini**, Sanjay Naithani, B. P. Thapliyal and Richa Gupta. Increased delignification rate of *Dendrocalamus strictus* by *Schizophyllum commune* to reduce chemical consumption during pulping process. ***Songklanakarin Journal of Science and Technology,*** **35(4), 415-420, Jul-Aug (2013).**
- Dinesh Panwar and **Vipin K. Saini.** Antagonistic Activity of Soil Actinomycetes against Common Human Pathogens. ***Int. J. Pharm. Bio. Sci.,*** **3(4): (B) 500 – 506 (2012). (Impact Factor – 2.958)**
- **Vipin Kumar Saini**, Sanjay Naithani, Bipin Prakash Thapliyal and Richa Gupta. Mechano-Biological Operation of *Dendrocalamus strictus* for Better Delignification by *Trametes versicolor*. ***International Journal of Chem. Tech. vol.,*** **3(3): 1408-1415 (2011).**
- Richa Gupta, R.P. Bhatt, B.P Thapliyal, Sanjay Naithani and **Vipin Kumar Saini.** Influence of Growth Parameters on Biodelignification of *Eucalyptus Tereticornis* by *Schizophyllum Commune*. ***Journal of Advanced Scientific Research*****, 3(1): 95-99 (2011). (Impact Factor - 0.23)**

Publication in conference proceedings:

- **Vipin Kumar Saini**, Shardesh K. Chaurasia, Sanjay Naithani and Bipin Prakash Thapliyal **(2019)**. Improved delignification and fiber accessibility of *Dendrocalamus strictus by Trametes versicolor*. An abstract, In: 3rd International Conference on Recent Advances in Science organized by Inverties University Bareilly 1-2 March, 2019.

- Shardesh K. Chaurasia, Satya Pal Singh, Virendra Kumar, Sanjay Naithani, **Vipin K. Saini**. **(2015)**. Biopulping: An Ecofriendly Technology to Reduce the Detrimental Effect of Chemical and Energy Consumption**.** An Abstract, In: 9th Uttrakhand State Science and Technology International Congress (26-28 Feb, 2015) Dehradun.
- Shardesh K. Chaurasia, Satya Pal Singh, Virendra Kumar, Sanjay Naithani, **Vipin K. Saini,** Prakashchandra N. Mervana **(2014)**. Lignocellulolytic enzymes production by fungi. Paper presented, In: 13th Silviculture conference (Nov 24-28, 2014), ICFRI, Dehradun.
- **Vipin Kumar Saini**, Sanjay Naithani, Bipin Prakash Thapliyal and Richa Gupta **(2011)**. Improved bio-delignification of *Dendrocalamus strictus* as an alternative for sustainable environment. An abstract, In: National seminar organized by U.G.C " Globalisation , Development and Environment, Gorakhpur.
- Sanjay Naithani, Mukulika Mahajan, S.P. Singh, **Vipin Kumar Saini (2009)**. Increased Accessibility of Fungi / Enzymes in Mechanized Chips for Better Delignification - A New Biotechnological Approach. An abstract, In: International Conference On Current Trades in Biotechnology and Implications in Agriculture, Meerut.

INVITED TALK

- Delivered an Invited talk on "Effect of Abiotic Stress on Crop Plants and its Antioxident Activity" on 25th February, 2020 at Madan Mohan Malviya Auditorium, Swami Vivekanand Subharti University, Meerut in the occasion of one week workshop on Antioxidant response of plant under abiotic stress from 24-29 Feb, 2020

WORKSHOP PARTICIPATIONS

- Participated in one week workshop on "Antioxidant response of plants under abiotic stress" at Keral Verma Subharti College of Science, Swami Vevekanand Subharti University, Meerut (February 24- February 29, 2020).
- Participated in one day workshop on "Awareness for modified accreditation structure" at IQAC, C.C.S University, Meerut (10th Jan, 2020)
- Participated in 2 days National Seminar Cum Workshop on The Biodiversity Conservation and Sustainable Use of Medicinal and Aromatic Plants organized by C.C.S. University, Meerut (31st Aug and 1st Sep. 2019).
- Participated in 2 days workshop on "Statistical Analysis for Scientific and Industrial Application using SPSS" organized by ITS Paramedical College, Muradnagar, Ghaziabad (4th and 5th October 2016).

EXTRA CURRICULAR ACTIVITIES

- Successfully completed two years as **N.S.S.** volunteer from 2002 to 2004. Also attended camps at Punwarka and Pinjora during the same period.
- Clearly passed 'A' and 'B' level examination of **N.C.C.** (directorate U.P. and U.C. Lucknow unit 85 UP BN NCC SHAMLI with No. UPSD/99/265001).

PERSONAL DETAILS

- Father's Name: Dr. Anand Singh Saini
- Permanent Address: Chowk Bazar, Thana Bhawan, Shamli - 247777 (U.P.)
- Date of Birth: 12th April, 1984
- Gender : Male
- Marital Status: Single
- Nationality: Indian
- Language Known: English / Hindi

Date:
Place: **(Dr. VIPIN KUMAR SAINI)**