

## Research Publications of Dr. Vipin Kumar

### LIST OF RESEARCH PUBLICATIONS IN REPUTED JOURNAL:

- **Kumar V** and Chauhan U. K. (2008). "Evaluation of fly-ash as a carrier for *Beauveria bassiana* formulation" *An International J. The Ecoscan*. **2** (1): 107-109.
- **Kumar V** and Gupta P. (2008). "Efficacy of fly-ash based *Rhizobium* inoculant on growth and incidence of powdery mildew in pea" *Annals Pl Protection Sc*. **16** (1): 248-249.
- **Kumar V** and Gupta P. (2008). "Shelf life and bio-efficacy of fly-ash based *Trichoderma viride* formulation" *J Microbial. World*. **10** (2): 147-152.
- **Kumar V.**, Gupta P. and Chauhan U.K. (2009). "Studies on shelf-life of fly-ash based *Rhizobium leguminosarum* formulation and its bio-efficacy in chickpea (*Cicer arietinum* L.)" *J Microbial World*. **11** (1): 49-54.
- **Kumar V.**, Gupta P, Dwivedi S and Chauhan U.K. (2009). "Comparative study on bio-efficacy of local strain of PSB vs commercial strain". *J. Microbial World*. Vol.**11** (1):104-106.
- **Kumar V** and Gupta P. (2009). "Shelf life and Bio-efficacy of fly-ash based *Azotobacter chroococcum* inoculants in wheat". *Res. J. Agric & boil Sc*. INS Int. No.758-RJBS.
- **Kumar V.**, Gupta P and Chauhan U.K. (2009). "RAPD analysis of fly-ash based bio-fertilizers and bio-pesticides formulations". *An Intl J. The Bioscan*.**4** (1): 217-220.
- **Kumar V** and Gupta P. (2009). "Shelf life and Bio-efficacy of fly-ash based *Azospirillum* inoculants in wheat". *Turk. J. Agric. For*. No. TAR-0903-48.
- **Kumar V.**, Dwivedi S and Gupta P. (2009) "Bio-efficacy studies of local strain vs foreign strain of *Azotobacter chroococcum* inoculants in brinjal" *Bioved*. **21**(1).
- **Kumar V.**, Dwivedi S. and Gupta P. (2009) "Comparative bio-efficacy studies of talc based *Trichoderma* spp. formulation in tomato" *New Agriculturalist*. **19** (1).
- **Kumar V** and Gupta P. (2010). "Total and fecal coliform in soil and on surface of salad vegetables grown under sewage irrigation". Communicated to *An Int J. Hort. Sc. & Biotec*.
- **Kumar V** and Gupta P. (2010). "Incidence of Beta-lactamase producing gram-negative clinical isolates and their antibiotic susceptibility pattern". Communicated to *An Int. Turk J. biol*.

## LIST OF PUBLISHED CHAPTER IN BOOK:

- **Kumar V** and Gupta P. (2010). Fly-ash management as carrier in Bio-fertilizers and Bio-pesticides formulations. In: Bahera B. and Panda S.P. Natural Resource conservation and Environment management. A.P.H publication, New Delhi.
- **Kumar V** and Gupta P. (2010). Environment Protection and Resource management through Organic Farming. In: Bahera B. and Panda S.P. Natural Resource conservation and Environment management. A.P.H publication, New Delhi.

## LIST OF ARTICLES\* / ABSTRACT\*\* PUBLISHED:

- \* **Kumar Vipin**, Dwivedi S. and Gupta P. (2009). "Environment Protection through Organic Farming & waste management Proceedings of the National seminar held at YASTK, Allahabad, 14<sup>th</sup> -15<sup>th</sup> February, sponsored by Govt. of India. pp. III -17-20.
- \*\* **Kumar Vipin** and Gupta P. (2008). "Impact studies of fly-ash based *Trichoderma viride* on shelf-life and bio-efficacy". Proceedings of the 5<sup>th</sup> International Conference on "Bio-pesticides: Stakeholders Perspectives" held at TERI, New Delhi on 26<sup>th</sup>-30<sup>th</sup> April, 2009. pp. 212.
- \*\* **Kumar Vipin** and Gupta P. (2008). "Comparative bio-efficacy studies of fly-ash based *Trichoderma* spp. in management of damping-off and root-rot disease". Proceedings of the 5<sup>th</sup> International Conference on "Bio-pesticides: Stakeholders Perspectives" held at TERI, New Delhi on 26<sup>th</sup>-30<sup>th</sup> April, 2009. p. 213.
- \*\* **Kumar Vipin** and Gupta P. (2009). "Antimicrobial resistance pattern of beta-lactamase producing Gram-negative clinical isolates". Proceedings of National Conference on Antimicrobial resistance: from emerging threat to reality at AAI-DU, Allahabad, and 23<sup>rd</sup> – 25<sup>th</sup> March, 2009. pp. 20.
- \*\* **Kumar Vipin** and Gupta P. (2008). "RAPD analysis of fly-ah based bio-fertilizers and bio-pesticides formulations". Proceedings of the All India Botanical Conference & International symposium held at Allahabad University, 17<sup>th</sup> -19<sup>th</sup> December, 2008. pp. 309.
- \*\***Kumar Vipin**, Dwivedi S and Gupta P. (2008). "Fly-ash utilization as carrier for bio-fertilizers and bio-pesticides formulations". Proceedings of the All India Botanical Conference & International symposium held at Allahabad University, 17<sup>th</sup> -19<sup>th</sup> December, 2008. pp. 329.
- \*\*Gupta P, **Kumar Vipin** and Dwivedi S. (2008). "Evaluation of fly-ash as carrier for *Beauveria bassiana* formulations". Proceedings of the National seminar held at Allahabad, 17<sup>th</sup> -18<sup>th</sup> November, 2008. pp. 57.

- \***Kumar Vipin**, Dwivedi S. and Gupta P. (2008). "Bio-fertilizers in Agriculture" Proceedings of the National seminar held at YASTK, Allahabad, 10<sup>th</sup> -11<sup>th</sup> February, sponsored by Govt. of India. pp. II -13-14.
- \***Vipin Kumar** and Gupta P. (2008). "Fly-ash utilization for bio-fertilizer and bio-pesticide formulations" Proceedings of the National seminar held at YASTK, Allahabad, 10<sup>th</sup> -11<sup>th</sup> February, sponsored by Govt. of India. pp. III -13-15.
- \*\***Vipin Kumar** and Gupta P. (2007). "Efficacy of fly-ash based *Rhizobium* inoculants on root nodulation, plant growth and incidence of powdery mildew in pea" Proceedings of the National symposium held at Allahabad on 13<sup>th</sup> -14<sup>th</sup> December. *Botanica*. pp. 53.
- \*\***Vipin Kumar**. (2008). "Impact studies of Fly-ash as carrier in Bio-formulations, Shelf life, Bio-efficacy and Genetic variation", Ph.D. thesis submitted to Faculty of Life Sciences, APS University, Rewa, M.P.
- \*\***Vipin Kumar**. (2005). "Incidence of beta-lactamase producing gram negative clinical isolates and their susceptibility pattern", M.Sc. thesis submitted to Department of Microbiology, AAI-DU, Allahabad.
- \*\*Gupta P, **Kumar Vipin** and Dwivedi S. (2008). "Evaluation of fly-ash as carrier for *Beauveria bassiana* formulations". Proceedings of the National seminar held at Allahabad, 17<sup>th</sup> -18<sup>th</sup> November, 2008. pp. 57.
- \***Kumar Vipin**, Dwivedi S. and Gupta P. (2008). "Bio-fertilizers in Agriculture" Proceedings of the National seminar held at YASTK, Allahabad, 10<sup>th</sup> -11<sup>th</sup> February, sponsored by Govt. of India. pp. II -13-14.
- \***Vipin Kumar** and Gupta P. (2008). "Fly-ash utilization for bio-fertilizer and bio-pesticide formulations" Proceedings of the National seminar held at YASTK, Allahabad, and 10<sup>th</sup> -11<sup>th</sup> February, sponsored by Govt. of India. pp. III -13-15.
- \*\***Vipin Kumar** and Gupta P. (2007). "Efficacy of fly-ash based *Rhizobium* inoculants on root nodulation, plant growth and incidence of powdery mildew in pea" Proceedings of the National symposium held at Allahabad, 13<sup>th</sup> -14<sup>th</sup> December, 2007. *Botanica*. pp. 53.

#### **List of CONFERENCES / TRAININGS / SEMINARS / SYMPOSIA ATTAINED:**

- 5<sup>th</sup> International Conference on "Bio-pesticides: stakeholder Perspectives" held at TERI, New Delhi on 26<sup>th</sup>-30<sup>th</sup> April, 2009.
- National Conference on Antimicrobial resistance: from emerging threat to reality at AAI-DU, Allahabad, and 23<sup>rd</sup> – 25<sup>th</sup> March, 2009.

- National Conference on "Natural Resource management" held at Mizoram University on 24<sup>th</sup>-25<sup>th</sup> March, 2009.
- All India Botanical Conference & International symposium held at Allahabad University, Allahabad on 17<sup>th</sup> -19<sup>th</sup> December 2008.
- National seminar on "Traditional and Indigenous Integrated Pest Management" held at AAI-DU, Allahabad, 17<sup>th</sup> -18<sup>th</sup> November, 2008.
- National Seminar on "Organic farming Environment protection and Resource Management". Organized by YASTK, Allahabad on 10<sup>th</sup> -11<sup>th</sup> February, 2008.
- National Symposium on "Recent advance in Microbial Bio-fertilizers, production & utilization Technology. Organized by Allahabad University, Allahabad. 13<sup>th</sup> -14<sup>th</sup> December, 2007.
- National Seminar on "Water Quality and Resource Management". Organized by YASTK, Allahabad on 21<sup>st</sup> January, 2007
- National Seminar on "Allahabad Vision 2020". Organized by YASTK, Allahabad on 26<sup>th</sup> March, 2006.
- Training on "Bio-Agri inputs" at AAI-DU, Allahabad, sponsored by ITC Limited on 22<sup>nd</sup> - 23<sup>rd</sup> May 2007.
- Training on "Production and quality control of organic inputs" at AAI-DU, Allahabad sponsored by NCOF, Govt. of India on 12<sup>th</sup> -21<sup>st</sup> September 2006.
- Training on "Training on Field functionaries" at AAI-DU, Allahabad, sponsored by NCOF, Govt. of India on 1<sup>st</sup> -5<sup>th</sup> August, 2006.
- Training on "Certification and service provider of organic inputs" Organized by NCOF, Govt. of India on 7<sup>th</sup> -16<sup>th</sup> June 2005.
- Training on "Preparation and standardization of Antisera" KGMU at Lucknow during M.Sc on 16<sup>th</sup> June -15<sup>th</sup> July 2004.
- Training on "Clinical Microbiology" at Indira Gandhi Institute of Medical Sciences (IGIMS), Patna during M.Sc in 2003-04.

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