

Dr. PRAVEEN KUMAR D.G.**Assistant Professor**

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WORK EXPERIENCE: 19 YEARS

- Worked as Lecturer in Bapuji Institute of Engineering and Technology Davangere, in Department of Chemical Engineering, from December 2000 to September 2001.
- Worked as Junior Research Assistant in Central Food Technological Research Institute, Mysore from April 2003 to August 2003
- Working as lecturer in Bapuji Institute of Engineering and Technology Davangere, in Department of Chemical Engineering from September 2003 to August 2011.
- Working as Assistant Professor in Bapuji Institute of Engineering and Technology Davangere, in Department of Chemical Engineering from September 2012 to till Date.

EDUCATIONAL QUALIFICATION:

- Pursuing Ph.D in Chemical Engineering, at BIET, Under VTU Belgaum since 2011.
- M.Tech (Chemical Engineering) in First Class with Distinction from SIT, Tumkur, VTU, Belgaum in 2003.
- B.E (Chemical Engineering) in First Class with Distinction from BIET, Davangere, Kuvempu University, in 2000

DISSERTATION DETAILS:

- M.Tech: “Field Assisted Dehydration of Vegetables”

ROLES AND RESPONSIBILITIES:

- Worked as a Deputy Warden for BIET Boys Hostel from 01.05.2009 to 31.04.2013.

AWARDS:

- Awarded First Prize for Poster entitled “Infrared Assisted Hot Air Drying of Onion” presented at “National Level Conference in Emerging Trends in Food Technology” held at Osmania University Hyderabad on Feb 28th and March 1st, 2003.
- Awarded Second prize for poster entitled “Effect of Different Processing Parameters on the Quality of Dehydrated Onion”, poster presented at “5th International Food Convention” held at CFTRI Mysore from 5th to 8th December.
- Best teacher award in the Institute.

MEMBERSHIP:

- Life Member of Indian Society for Technical Education. Number: LM89377

CORE SUBJECTS TAUGHT:

- Heat Transfer, Mass Transfer, Chemical Reaction Engineering, Mechanical Operations, Pollution Prevention and Control Engineering, Solid Waste Management, Petrochemicals.

SEMINARS/WORKSHOPS/EVENTS ORGANIZED:

- As a Member organized one day seminar in collaboration with IIPC-BIET and ISTE-student chapter on Recent trends in Nanotechnology held at BIET on 20th September 2008
- As member conducted National level student’s symposium NITHANTHA: Emerging Trends in Biotechnology held at Department of Biotechnology, BIET, Davangere on March 17th 2009.
- Organizing Committee Member, Nanobiotech2009; The National Conference on Nanobiotechnology: Applications in medicine held at SSIMS&RC, Davangere during 28-30th November 2009.
- Organizing Committee Member, National level student’s symposium on BIOSATUM 2010 held at Department of Biotechnology, BIET Davangere on 30th April 2010.
- Hospitality/Transportation/Accommodation committee member, for two day seminar on 60th National Conference on Occupational Health during 27-28th June 2010

- Organizing Committee Member, Aerobiology: 2010: 16th National conference on Aerobiology and National Symposium on Biotechnological Applications in Environment Management and Medicine held in the department during November 19th -21st 2010.
- Organizing Committee Member, FDP on Reengineering of Environmental Impact Assessment sponsored by VTU and VGST, Govt. of Karnataka, March 4th -7th 2011.
- Organizing Secretary for National Symposium Biotechnology and Biochemical Engineering and carrier opportunities in biotechnology BIOSATUM -2012 held at Department of Biotechnology, BIET Davangere on May 11-12, 2012.
- Co-Coordinator, National Level Students' Symposium-Chemexcel-2013, held in the department during November 22nd March 2013.
- Organizing Secretary National Level Students' Symposium-Chemexcel-2014 held on 21st March 2014
- Delivered a lecture on Career opportunities in Engineering at Sri. Utsavamba High School, ucchangidurga, Harapanahalli (Tq), Davangere on 11-02-2015.
- Organizing Secretary National Level Students' Symposium-Chemexcel-2015 held on 27th March 2015
- Organizing Secretary National Level Students' Symposium-CHEMEXCEL held on 30th September 2015
- Delivered a talk on 'Solid Waste Management Processing Technologies' at workshop on 'MAEM-MSW' organized by M.Tech Programme in Environmental Engg, Department of Civil Engineering, BIET in collaboration with Institute of Engineers (India), KSPCB Regional Office Davanagere on 14th November 2015.
- As a member organized workshop on Entrepreneurship Awareness Camp held from 24-26 August 2016 organized by department of Biotechnology
- Organizing Secretary National Level Students' Symposium-Chemexcel-2016 held on 21st October 2016
- Nominated as Member BOE for chemical /Polymer composite board of VTU Belgaum for the academic year 2016-2017

SEMINAR/ WORKSHOPS/ ATTENDED:

- Attended workshop on Vermicompost at Bapuji Institute of Engineering and Technology, Davangere, held on 23rd and 24th, December, 2003.
- Attended workshop on Thermodynamics at Bapuji Institute of Engineering and Technology, Davangere, held on 20th and 21st, February, 2004.
- Attended Short Term Course on Chemical Engineering applications in Biotechnology, at M.S. Ramaiah Institute of Technology held from 9th -20th, August, 2004.
- Attended Short Term Course on Environmental Impact Assessment-Methods and Procedures, at IIT Roorkee, held on 27th February to 3rd March, 2006.
- Attended Short Term Course on Authorization, Technologies for Treatment, Recycling and Reprocessing of Hazardous Waste, at IIT Roorkee, held from 20th-24th , November, 2006.
- Attended Short Term Course on Novel Separation Techniques in Process Industry, at IIT Roorkee, held from 4th-8th, December, 2006.
- Attended Short Term Course on Hazardous Waste Management, at IIT Roorkee, held from 9th -13th, July, 2007.
- Attended Short Term Course on Authorization, Technologies for Treatment, Recycling and Reprocessing of Hazardous Waste, at IIT Roorkee, held from 20th -24th, November, 2006.
- Attended Short Term Course on Municipal Solid Waste-Planning, Collection, Handling and Disposal, at IIT Roorkee, held from 4th-8th, December, 2007.
- Attended Short Term Course on Recent Trends in Environmental Management Strategies in Petroleum, Petrochemical and Fertilizer Industries, at IIT Roorkee, held from 11th-13th February, 2008.
- Attended Short Term Course on Pollution Control Techniques for Distillery Waste, at IIT Roorkee, held from 3rd-5th, March, 2008.
- Attended three day Campus Connect Soft Skills program organized by Infosys Limited, Hebbal Electronics city, Hootagalli, Mysore from 19th to 22nd March 2012
- Attended two day workshop on Research Methodologies and Latex, organized by VTU-e-Learning Centre, Mysore at Shree Devi Institute of Technology Mangalore, on 13th and 14th September 2012

- Attended three day workshop on Recent Trends in Monitoring, Control, and Abatement of Air Pollution (RTMCAAP-2012) at NITK, Surathkal, Mangalore, held from 26th to 28th December 2012.
- Attended Faculty Development programme on “Recent Advances and Development in Downstream Processing (RADDP) sponsored by VGST and VTU from 16th to 19th June 2015 at Dayanand Sagar College of Engineering, Bengaluru.
- Attended one day workshop on “Research Methodology” on 28th October 2015 organized by Research and Development cell of BIET Davangere in association with ISTE, BIET Chapter.

PUBLICATIONS:

- Published Paper titled “Suitability of Thin Layer Models for Infrared-Hot Air-Drying of Onion Slices” in LWT--Food Science and Technology, (2006), 39(6), pp. 700-705.
- Published Paper titled “Infrared and Hot-Air Drying of Onions”, Journal of Food Processing and Preservation, (2005), 29, 132–150.
- Presented paper titled “Infrared Assisted Hot Air Drying of Onion” Poster presented at “National Level Conference in Emerging Trends in Food Technology” held at Osmania University Hyderabad on Feb 28 and March 1, 2003
- Presented paper titled “Effect of Different Processing Parameters on the Quality of Dehydrated Onion”, poster presented at “5th International Food Convention” held at CFTRI Mysore on 5th to 8th December 2003.
- Presented paper titled “Thin Layer Models For Hot Air Assisted Infrared Drying on Onion Slices”, poster presented at “5th International Food Convention” held at CFTRI Mysore on 5th to 8th December 2003.
- Presented paper titled “Thermo gravimetric Analysis of Global Mass Loss Kinetics of Thermal Degradation of Sawdust in Nitrogen and Air” Presented a paper at All India Seminar on “ Energy and Environmental Issues Related to Chemical Industry” organized by IE(I), UP State Centre, & HBTI Kanpur on 10-11, March 2007.
- Fixed-Bed column studies on adsorption of 4-nitroaniline from aqueous solution by bagasse fly ash, International Journal of Engineering Science Invention (IJESI), 7 (9) Ver. II, (2018), pp. 39-46. ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726.

- Adsorption of picric acid onto granular activated carbon from aqueous solution: parametric, kinetic, equilibrium and thermodynamic study, International Journal of Latest Engineering and Management Research (IJLEMR), 03 Issue 08, (2018), 19-29. ISSN: 2455-4847
- Removal of nitrobenzene from aqueous solution by adsorption on bagasse fly ash, International Journal of Modern Trends in Engineering and Research, 5 Issue 8, (2018), 20-27. ISSN: 2349-9745
- Suitability of Thin Layer Models for Infrared-Hot Air-Drying of Onion Slices, LWT--Food Science and Technology, (2006), 39(6), pp. 700-705.
- Infrared and Hot-Air Drying of Onions, Journal of Food Processing and Preservation, (2005), 29, 132–150