

Dr. KALLESHAPPA C.M.

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WORK EXPERIENCE: 30 YEARS

- Worked as Trainee Engineer in Harihar Polyfibers Ltd, Harihar from 22nd June 1989 to 22nd June 1989
- Worked as Production Engineer in Purex Laboratories Pvt Ltd, Bangalore from June 1990 to May 1991.
- Worked as Trainee Engineer in Mysore Paper Mills Ltd, Bhadravati from 17th June 1991 to 16th Dec 1991.
- Worked as Project Engineer in Shogun organics Ltd, Kurkumbh, Pune District from 5th March 1995 to 19th April 1998.
- Worked as Lecturer in Rural Engineering College, Hulkoti, from 18th Aug 1998 to 5th Jan 1999.
- Working as Lecturer in Chemical Engineering Department, Bapuji Institute of Engineering & Technology, Davangere from 5.1.1999.
- Promoted as Senior Lecturer in Chemical Engineering Department from 1.3.2006
- Promoted as Associate Professor in Chemical Engg Department of Bapuji Institute of Engineering and Technology, Davangere from September 2012 to Till Date.
- Promoted as Head of Department, Chemical Engineering, Bapuji Institute of Engineering and Technology, from 11-05-2020 to till date.

EDUCATIONAL QUALIFICATION:

- Ph.D [Faculty of Applied Sciences] from Visvesvaraya Technological University, Belgaum, 2011.
- M.E. [Chemical Engineering] from Rural Engineering College Hulkoti, Karnatak University, Dharwad in 1994.

- B.E [Chemical Engineering] from Rural Engineering College Hulkoti, Karnatak University, Dharwad in 1990.

DISSERTATION DETAILS:

- Ph.D: “Studies on fluoride status of soils and groundwater in fluorotic areas of Davangere district and its impact on soil properties and on selected crops”

ROLES AND RESPONSIBILITIES:

- Principal Investigator for VGST project “Pharmacological Screening of Traditional Medicines”. VGST, Govt. of Karnataka has sanctioned Rs 30 Lakhs to Chemical Engineering Department to establish “Centre of Innovative Science Education” (CISE).
- Convener, Student Academic Council, BIET, Davanagere.
- Research Guide in Chemical Engineering Research Center.

AWARDS:

- Recipient of Best Teacher Award for 100% results for the academic years: 2000-01, 2001-02, 2003-04, 2004-05, 2006-07, 2007-08.

MEMBERSHIP:

- Life Member of Indian Society of Technical Education (Membership No LM27481, Dated 7-6-1999)
- Annual Fellow, Indian Council of Chemists for the year 2003 & 2006
- Member of Institution of Engineers (India). Membership No M165624-9

CORE SUBJECTS TAUGHT:

Chemical Process Calculations, Mechanical Operations, Computer Aided Chemical Equipment Drawing, Chemical Engg. Thermodynamics, Mass Transfer, Process Equipment Design & Drawing, Transport Phenomena, Chemical Process Integration, Sugar Technology, Process Engineering Economics, Novel Separation Techniques, Solid Waste Management.

EXPERT LECTURES DELIVERED:

- Delivered expert Lecture on Evaporation to MSc. Food Technology Students, Davangere University, Davangere during the year 2015, 16 & 17
- Delivered lecture and demonstrated equipment (Super Critical Extractor” and FTIR during Workshop on Applied Biotechnology- Hands on Training conducted on 16-22 January 2017, organized by Biotechnology department, BIET, Davangere

SEMINARS/WORKSHOPS/EVENTS ORGANIZED:

- Two day workshop for setting of Syllabus for III and IV Semester Chemical Engineering of Visvesvaraya Technological University in April 2003.
- Two day workshop on “Biochemistry for teachers of Biotechnology of Visvesvaraya Technological University” on 25th and 26th August 2003.
- A two day National workshop on “Vermicompost”, Dept. of Chemical Engg., B.I.E.T., Davangere on 23rd and 24th December 2003.
- Two Day National Level Students Symposium “Biochemexcel-2005”, Dept. of Chemical Engg., B.I.E.T., Davangere on 24th and 25th November 2005.
- National Level Students Symposium “Medi-Bio-Chemexcel-2007”, Dept. of Chemical Engg., B.I.E.T., Davangere on 13th April 2007.
- National Level Students Symposium “Chemexcel-2007” Dept. of Chemical Engg., B.I.E.T., Davangere on 31st October 2007.
- National Level Students Symposium “Chemexcel-2009”, Dept. of Chemical Engg., B.I.E.T., Davangere on 6th March 2009.
- One Day Training Programme on Waste Management, Dept. of Chemical Engg., B.I.E.T., Davangere on 8-02-2011.
- National Level Students Symposium “Chemexcel-2018”, Dept. of Chemical Engg., B.I.E.T., Davangere on 23rd March 2018.
- National Level Students Symposium “Chemexcel-2019”, Dept. of Chemical Engg., B.I.E.T., Davangere on 22nd March 2019.
- National Level Students Symposium “Chemexcel-2019”, Dept. of Chemical Engg., B.I.E.T., Davangere on 25th October 2019.

SEMINAR/ WORKSHOPS ATTENDED:

- Setting of Model Question papers for VTU-7th semester B.E. and the demonstration of software related to computer lab in chemical Engineering held at RVCE, Bangalore-59 on 17-10-2001. Setting of Model Question papers for VTU-7th semester B.E. and the demonstration of software related to computer lab in chemical Engineering held at RVCE, Bangalore-59 on 17-10-2001.
- AICTE sponsored National seminar on Recent Trends in Liquid Crystals, Polymers and Composite materials held at Ghousia College of Engineering, Ramanagaram from 18-20 September ,2003
- Workshop on Vermi-compost and actively participated in the deliberations held at Bapuji Institute of Engineering & Technology, Davangere on 23rd and 24th December-2003
- Thermodynamics Training Workshop for B.E. Biotechnology course organized by the Department of Biotechnology, Bapuji Institute of Engineering & Technology, Davangere from 20 -21 February 2004
- AICTE-ISTE sponsored Short-Term Training Programme on Green Manufacturing strategies for process Industries held at Bannari Amman Institute of technology, Satyamangalam during March 29-April 3, 2004.
- Short time training programme “Recent trends in Analytical Instrumentation” held at Bapuji Institute of Engineering &Technology, Davangere from August 30th to September 3rd 2004.
- ISTE 35th Annual Convention and National Seminar on “Disaster Prediction, Prevention & Management” organized by B.I.E.T., Davangere on 15-17 December 2005.
- “Teachers Orientation Programme” conducted by Mission Alma Mater at Bapuji Auditorium, Davangere on 20.09.09.
- National Conference o Nano-Bio-Technology-Applications in Medicine. Nano-Bio-Tech 2009, 28-11-09 to 30-11-2009 at SSIMS & RC, Davangere
- Three VTU Sponsored faculty development programme “Reengineering on Environmental Impact Assessment” 5-7 March 2011, Department of Chemistry, B.I.E.T., Davangere.

- “5th Bangalore Nano” conference organized by Vision Group on Science & Technology , Government of Karnataka on 5-7 December 2012 at Hotel Lalit Ashok, Bangalore
- Two day National workshop on “Industry-Institution Interaction for the Prospects in the field of Chemical Engineering” on 29-30th November 2013 organized by Dept. of Chemical Engineering, SDM College of Engineering, Dharwad.
- “6th Bangalore India Nano” conference organized by Vision Group on Science & Technology , Government of Karnataka from 4-6thDecember 2013 at Hotel Lalit Ashok, Bangalore
- Training of evaluators on outcome based education and accreditation”. 5-3-2014 (Phase-I) & 21st -23rd March 2014 (Phase-II). Organized by B.I.E.T., Davangere and NBA, New Delhi.
- “7th Bangalore India Nano” conference organized by Vision Group on Science & Technology , Government of Karnataka on 5-6, December 2014 at Hotel Lalit Ashok, Bangalore.
- Workshop on Intellectual Property Rights organized by BIET on 6TH April 2017
- One Day workshop on “AICTE Model Curriculum” for UG & PG Programmes held on 12th March 2018 at BMS College of Engineering, Bangalore.
- Joint Board of Studies meeting of VTU on 29th December 2018 at VIAT Muddenahalli, Chikkaballapura
- Recent Trends in Environmental Impact Assessment –Process & Procedures (RTEIA-PP held at BIET, Davangere from 17th to 19th January 2019.
- National seminar on “New Trends in Biotechnology” & 14th Conference of Society of cytologists and Geneticists held at BIET, Davangere during 6th to 8th March 2019.

PUBLICATIONS IN JOURNALS:

- 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], 39-46.

- 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.
- 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
- Antihyperlipidemic Activities of Isolated bio Compounds of Aegle Marmelos, IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS) e-ISSN:2278-3008, p-ISSN:2319-7676. Volume 11, Issue 5 Ver. II (Sep. - Oct.2016), PP 42-45 www.iosrjournals.org
- Investigation on Antioxidant Activity of Bioactive Molecules of Bauhinia Purpurea (L) Bark, International Journal of Engineering Research and Development e-ISSN: 2278-067X, p-ISSN: 2278-800X, www.ijerd.com Volume 11, Issue 11 (November 2015), PP.60-62
- Study of groundwater quality for irrigation in Honnali taluk, Davangere, Karnataka (India), Pollution Research. 27 (3), 2008: 411 - 418 (A Quarterly International Journal)
- Studies on occurrence of fluoride in groundwaters used for irrigation in Harihar taluk situated in central part of Karnataka, Indian Journal of Environmental Protection. 28 (1), 2008: 38 - 44 (An international monthly journal dealing with all aspects of environmental pollution and control)

PUBLICATIONS IN CONFERENCE PROCEEDINGS:

- Desai., G.P., Kalleshappa, C.M., and Shanmukhappa, S. “Studies on accumulation of fluoride in soils and its bio-chemical effects on agricultural crops in some fluoride affected villages of Davangere district in central part of Karnataka” Abstracts, Twenty Second National Conference of Indian Council of Chemists, Roorkee, Uttaranchal , India, 2003, pp 243 - 244.
- Shanmukhappa, S., Desai., G.P., Kalleshappa, C.M., and Basavarajappa, K.S. “Effect of fluoride ion concentration in water, surface soils and vegetables of three fluoride affected villages of Davangere district in southern part of India” Proceedings of International

Conference on Water and Health (WAH - 05), SJCE, Mysore, India, 22 – 23 January, 2005, pp 128 - 129.

- Kalleshappa, C.M., and Shanmukhappa, S. “Fluoride status of groundwater, soils and some vegetables grown in fluorotic areas of Davangere district” Abstracts of Silver Jubilee Conference of Indian Council of Chemists, Birla College of Arts, Science and Commerce, Kalyan, Mumbai, India, 27 - 29 December, 2007 , p 188.
- Kalleshappa, C.M., Pujar, B.G., and Shanmukhappa, S. “Investigations on fluoride in groundwater and its impact on soils and some plants in the fluorotic areas of Davangere district” Proceedings of International Conference on Cleaner Technology and Environmental Management (ICCTEM - 2007), Pondicherry Engineering College,\
- Kalleshappa C.M, Kulkarni B.M, Subhanalla NS, Sunil GM, Mousami Nath, Shruti, “Production of Synthetic zeolites and study of their properties” Student Project Programme (Engineering Sciences) Technical Record of 35th series 2011-12, KSCST, IISc , Bangalore held at SDMIT, Ujire-574240

EXTRA/CO-CURRICULAR ACTIVITIES:

- Was in charge of activities of ‘Association of Chemical Engineers’, B.I.E.T, A student’s forum of Chemical Engineering students.
- Member, BOE, Kuvempu University during the year 2002-2004.
- Member BOE, Siddaganga Institute of Technology, Tumkur , 2010-11, 2011-12
- Member BOE, VTU Belgaum 2011-12, 2012-13,
- Member BOS, VTU, Belgaum 2016-17