

Profile

Name Dr. Doulat Maruti Nangare
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Education : Ph.D. (Chem.Engg.) Shivaji University (2019)
: M.Tech. (Chem.Engg.) IIT BHU (2003)
: B.E.(Chem.Engg.) Shivaji University (2000)

Fellowships/Awards:

2001-2003 : GATE Fellowship for M.Tech.
2003 : Best Paper award at SPI-2003 (National Level Symposium on Separation Processes in industries), Varanasi

Work Experience:

- Assistant Professor: Department of Technology, Shivaji University -- July 2009 onwards
- Project Asssitant(II)- National Chemical Laboratory, Pune – from August 2003 to May-2005
- Trainee Chemical Engineer: Karnataka Malldi Biotics Limited, Mandya, Karnataka- From June 2005 to May-2006
- Senior Software Executive (II): Rolta India Limited: From August 2006 to July 2009

Research Experience/ Papers presented/Papers Published:

- National Chemical Laboratory(NCL),Pune – From July 2003 To March 2005
Project Assistant on research Project “5 & 25 kw decentralized power pack systems”.
- Paper presented Dinesh B. Mantri, Nangare D.M., P.K. Mishra, "Separation of Methanol-MTBE Mixture by Pervaporation using PTFE Membrane", Proceedings of SPI-2003, IT, BHU, Varanasi (14-16 Feb., 2003).
- Papers Published:
 - 1) “Development and evaluation of organoleptic and nutritional quality of Gurmar based healthy cookies”, SB Jadhav, DM Nangare, AK Sahoo, Journal of Pharmacognosy and Phytochemistry, June 2019, 8 (4),pp 473-477

- 2) “Energy Efficient Hybrid Pervaporation / Distillation Process for Ethanol - Water Separation”, D Nangare, S Mayadevi, International Journal of Scientific Research and Reviews, April 2019, 8 (1), pp405-412
- 3) “Hybrid pervaporation/distillation process for ethanol - water separation, effect of distillation column side stream”, D Nangare, S Mayadevi, Asian Journal of Science and Technology, November 2017, 8 (11), pp 6522-6525
- 4) “Performance Studies of CI Engine Using WCO based Biodiesel Blend with onventional Diesel”, PD Patil, AS Joshi, MZ Mulla, DM Nangare, IJETAE, September 2017 , 7(9), pp220-228
- 5) “A review on energy efficient hybrid distillation/Pervaporation process for separation of isopropyl alcohol Azeotrope”, R Khebudkar, D Nangare, M Wagh, Int J Eng Adv Technol, August 2017, 6, pp141-144
- 6) “Modeling and Simulation of Distillation+ Pervaporation Hybrid Unit: Study of IPA-Water Separation”, D Nangare, S Mayadevi, R Khebudkar, International Journal of ChemTech Research, June 2017, 10 (5), pp190-196
- 7) “Treatment of chromium bearing wastewater using thermal parametric pumping”, P.K.Mishra, D.M.Nangare & V.L.Yadav, Journal of Scientific & Industrial Research, Vol.66, January 2007, pp 79-84.

Research Projects :

- “Development of Energy efficient Ethanol-water separation using hybrid separation process (Distillation & Pervaporation/Membrane Vapor permeation” under Research Strengthening Scheme 2018, Shivaji University, Kolhapur. (Grant- Rs. 2,60,000/-)

Research Impact:

H index: 02 Citations: 09

Workshops Attended:

- An online course on “Hands-on training on Solar Study Lamp Assembly conducted from 01 May 2019 to 31 Dec 2019 by IIT Bombay
- General Orientation Programme by (UGC-HRD), Savitribai Phule Pune University from 2 nd December to 29 th December 2016 at Department of Technology, Shivaji University, Kolhapur
- One week workshop under TEQIP II On “Basics of Oil and Gas Industry and Job prospective in the Industry at Department of Technology, Shivaji University, Kolhapur from 16 th to 22 nd July 2016
- One-week CEP course on “ Computing Techniques for Solving Engineering Problem” conducted by IIT Bombay under (CE & QIP) Programme from 18 th to 22 nd Feb 2015

- Two week ISTE workshop On “Cyber Security” : Conducted by IIT Bombay from 10th July to 20th July 2014, , held under the National Mission on Education Through ICT(MHRD)
- One day Workshop on ‘Effectiveness in Teaching for Organizational Excellence’: Organized by Training and Placement Cell, Department of Technology, Shivaji University, Kolhapur 03/01/2013
- Two week ISTE Workshop on ‘ Engineering Thermodynamics’: Conducted by IIT Bombay from 11th to 21st December 2012, held under the National Mission on Education Through ICT(MHRD)
- Two week ISTE Workshop on ‘ Computational Fluid Dynamics’: Conducted by IIT Bombay from 12th to 22nd June 2012, held under the National Mission on Education Through ICT(MHRD)
- Two Days ISTE Workshop on ‘ Writing Effective Conferences’: Conducted by IIT Bombay from 18th to 19th February 2012, held under the National Mission on Education Through ICT(MHRD)
- Two week ISTE Workshop on ‘ Solar Photovolatics:Fundamentals,Technologies and Applications’: Conducted by IIT Bombay from 12th to 22nd December 2011, held under the National Mission on Education Through ICT(MHRD).

Faculty Development Programme :

- Four week AICTE approved Faculty Development Programme on “Use of ICT in Education for Online and Blended Learning” Conducted by IIT Bombay from 2nd May to 10th July 2016
- One week Faculty Development Programme on “Achieving Academic Excellence” from 23rd March to 28th March 2015 conducted at IIM Raipur.
- One week Faculty Development Programme on “Technology Enabled Teaching and Learning” from 19th to 23rd August 2014 conducted at IIM Kozikode.
- Participated in Faculty Development Programme on “Art Of Teaching: Pedagogical Tools and Techniques” Nov 18th-22nd 2013 conducted at NIT Campus, Tiruchirappali.