

BIO - DATA

Name : Dr.VIJAY R. DIWARE
Father's Name : Shri.Ramkrishna T. Diware
Date Of Birth : 10TH Oct.1965
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Educational Qualification :

Sr. No.	Exam	University	Year Of Passing	Percentage Of Marks	Division
1	B.Tech. (Chemical)	Amravati	1988	66.48	I
2	P.G.D.P.M. (Prod.Managament)	Marathwada	1991	51.63	II

Ph.D

Degree	Subject	Awarded on Date	University
Ph.D.	Chemical Technology	14 Nov 2008	North Maharashtra

Experience : 33 Years
(24 Years, 9 Months Teaching
& 8 Years, 3 Months Industrial)

i) Teaching Experience :

Sr. No.	Name Of Employer	Designation	Period	
			From	To
1	SSBT'S COET Bambhori, Jalgaon Chemical Engineering	Head & Asso. Prof.	1 st May 2012	Till Todate
	Biotechnology Engineering	I/C Head	28 th February 2019	Till Todate
2	SSBT'S COET Bambhori, Jalgaon	Asso. Prof.	1 st Jan 2012	30 th April, 2012
3	SSBT'S COET Bambhori, Jalgaon	Asstt. Prof.	1 st Jan 2009	31 st Dec 2011
4	SSBT'S COET Bambhori, Jalgaon	Senior Lecturer	1 st Aug.2007	31 st Dec 2008
5	SSBT'S COET Bambhori, Jalgaon	Lecturer	23 rd Aug.1999	31 st July 2007
6	Anuradha Engineering College, Chikhali	Lecturer	13 th Aug.1997	21 st Aug.1999

ii) Industrial Experience :

Sr. No.	Name Of Employer	Designation	Period	
			From	To
1	Radiant Agro-Chem Pvt Ltd. Aurangabad	Shift - Incharge	6 th May1989	31 st Aug.1989
2	Anil Chemicals Ltd. Aurangabad	Shift - Incharge	1 st Sept.1989	20 th March1993
3	Ador Poly – Containers Ltd.	Production Executive	20 th March1993	25 th Feb.1996
4	Ran Chemical Pvt.Ltd. Nagpur	Production Supervisor	1 st March1996	17 th Aug.1997

❖ **Membership of Professional Society:**

- Life Member (LM - 25631) : The Indian Society for Technical Education (ISTE)
- Life Member (LM – 46095): Indian Institute of Chemical Engineers (IIChe)
- Member (154431): International Association of Engineers (IAENG)

❖ **HONORS & ACHIEVEMENTS:**

- Elected Member, Board of Studies, Chemical Engineering, Chemical Technology and Biotechnology Engineering, Kavayatri Bahinabai Chaudhari North Maharashtra University, Jalgaon. (2017)
- NBA Accreditation of the department w.e.f. July 01, 2014 for Two years (in the tenure as HoD Chemical Engineering)
- Chairman for Ph.D. Viva
- Coordinator, Student's Chapter – Indian Institute of Chemical Engineers (IIChE),

❖ **Convener / Coordinator of National / International Conference:**

- Coordinator of a National Conference on “**Green and Clean Technology**” organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon, on March 11, 2012.
- Convener of an International Conference on “**Advances in Energy Technology**” organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon, on March 29th, 2013.
- Convener of an International Conference on “**Sustainable Development**”, organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon, on February 25-26, 2014.
- Convener of an “**International Conference on Global Trends In Engineering, Technology and Management**”, on December 22-24, 2017.
- Convener of an “**International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM19)** on December 28 -30, 2019.
- Convener of an “**International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM2022)** on January 1 -30, 2022.

❖ **Certificate of Motivation/ Appreciation/ Contribution:**

- Received Certificate of Merit as Judge in ABHIGYAN-2, a National Level Technical Symposium organized by COET, AKOLA on January 16, 2010.
- Received appreciation Certificate from North Maharashtra University as an **Organizing Committee Member** for University level intercollegiate Youth Festival “**YUVARANG 2015**”, which was jointly organized by the Student Welfare Department, North Maharashtra University, Jalgaon and SSBT's College of Engineering & Technology, Bambhori, Jalgaon, during 7th to 10th January 2016.
- Received letter of motivation for innovative project on “**Preparation of Nano catalyst and its Applications**” from Dr. Sudhir Tambe, MLC, Maharashtra State on 19/07/2016.
- Received Certificate of Motivation as a Mentor for project on “**Manufacturing of Orthonitrochlorobenzene using Microwave Irradiation**” Working Model Participated and presented

by Mr.Darshan Girase and Miss Priyanka Mahajan Received First Prize at DIPEX 2018, Sangli, under S-8 category during March 10-13, 2018.

- Received exceptional contribution Certificate as Jury for “**Internal Hackathon for SMART INDIA HACKATHON 2020**”.

Research / Publication Work :

Research:

- Recognized Ph.D. guide in Chemical Engineering and Technology of N.M.U., Jalgaon
- No. of students completed Ph.D.: 01
- No. of students submitted synopsis for Ph.D. submission thesis submission: 01
- No. of students registered for Ph.D.: 02

❖ As a mentor for Three students projects sponsored under Innovative and Entrepreneurship Development Center of DST, GOI, New Delhi.

- During 2013-14, “Photo-catalytic degradation of detergent : kinetic study under slurry phase reactor” , amount Rs.1.0Lakh.(Completed)
- During 2015-16, “Preparation of Nano Catalyst and its applications”, amount Rs.1.0 Lakh.(Completed)
- During 2016-17, “Fabrication and Study of Concentric Pipe Heat Exchanger”, amount Rs.1.0 Lakh (Completed)

❖ As a mentor for students project sponsored under Shram Sadhana Innovative and Entrepreneurship Development Center (SSIEDC), SSBT’s COET, Bambhori Jalgaon.

- During 2017-18, “ Study of Manufacturing of Orthonitrochorobenzene ”, amount Rs.0.37 Lakh (In Progress)

❖ Project Under Shram Sadhana Research Promotion Scheme:

- Research Project titled “Treatment of Dairy Wastewater Using Microwave Reactor” sponsored under Shram Sadhana Research Promotion Scheme of SSBT’s COET, Bambhori Jalgaon for the Period of two years from 29th January 2018, Amount Rs.1.75 Lakh. (In completed)

❖ Participation in Research Convention Avishkar:

- Participated and presented research work in the area Engineering and Technology under Post PG (PPG) in the Jalgaon District Level Research Convection Avishkar – 2017 organized at M.J. College, Jalgaon on 21st December 2017.
- Participated and presented research work in the area Engineering and Technology under category of the Teacher in the Jalgaon District Level Research Convection Avishkar – 2018 organized at Dhanaji Nana Mahavidyalaya, Faizpur, on 27st December 2018.

Research Publications:

A. Research Papers Published In International Reputed Journal:

1. A.S.Goje, Y. P. Chauhan, **V. R. Diware** and S. Mishra. Micro-Kinetics and Mass Transfer Study of Treatment of Aqueous and Alcoholic Potassium Hydroxide on Poly (Butylene Terephthalate) Waste. Polymer-Plastics Technology and Engineering , Marcel Dekker, New York, USA, 43 (1) , Page no. 177 – 198 , 2004, [ISBN/ISSN:0360-2559, DOI:10.1081/PPT-120027470,Impact Factor:1.48, Published online: 14 Feb 2007].
2. A.S.Goje, **V. R. Diware**, S. A. Thakur, Y. P. Chauhan, and S. Mishra. Aminolysis of Poly (Ethylene Terephthalate) Waste For Recovery of Value Added Comonomeric Product. Polymer-Plastics Technology and Engineering , Marcel Dekker, New York, USA, 43 (2) , Page no. 407 – 426, 2004, [ISBN/ISSN:0360-2559,DOI:10.1081/PPT-120029971, ,Impact Factor:1.48,Citation:7, Published online: 14 Feb 2007].
3. A.S.Goje, S. A. Thakur, **V. R. Diware**, Y. P. Chauhan, and S. Mishra. Chemical Recycling, Kinetics And Thermodynamics of Hydrolysis of Poly (Ethylene Terephthalate) (PET) Waste With Nonaqueous Potassium Hydroxide Solution. Polymer-Plastics Technology and Engineering , Marcel Dekker, New York, USA , 43 (2) , Page no. 369 – 388 , 2004, [ISBN/ISSN:0360-2559,DOI:10.1081/PPT-120029969 ,Impact Factor:1.48,Citation:4, Published online: 14 Feb 2007].
4. A.S.Goje, **V. R. Diware**, Tushar M. Patil and S. Mishra. Micro-Kinetics and Mass Transfer Study of Treatment of Aqueous and Alcoholic Potassium Hydroxide on Poly (Ethylene Terephthalate) Waste. Polymer-Plastics Technology and Engineering , Marcel Dekker, New York, USA ,43 (3) , Page no. 889 – 912 , 2004, [ISBN/ISSN:0360-2559,DOI:10.1081/PPT-120038069,Impact Factor:1.48, Published online: 14 Feb 2007].
5. A.S.Goje, **V. R. Diware**, S. A. Thakur and S. Mishra. Micro-Kinetics and Mass Transfer In Aqueous Alkaline Depolymerization of Poly (Ethylene Terephthalate) (PET). Polymer-Plastics Technology and Engineering , Marcel Dekker, New York, USA , 43 (3) , Page no. 913 – 936 , 2004, [ISBN/ISSN:0360-2559,DOI:10.1081/ PPT-120038070,Impact Factor:1.48, Citation: 1,Published online: 14 Feb 2007].
6. A.S.Goje, S. A. Thakur, **V. R. Diware**, S. A. Patil, P. S. Dalwale, and S. Mishra. Hydrolytic Depolymerization Of Poly (Ethylene Terephthalate) Waste At High Temperature Under Autogenous Pressure.

Polymer-Plastics Technology and Engineering , Marcel Dekker, New York, USA , 43 (4) , Page no. 1093 – 1113 , 2004, [ISBN/ISSN:0360-2559,DOI: 10.1081/PPT-200030031,Impact Factor:1.48, ,Published online: 14 Feb 2007]

7. A.S.Goje, S. A. Thakur, **V. R. Diware**, Y.P.Chauhan , T.M.Patil, S.A.Patil and S. Mishra. Glycolytic Aminolysis of Poly (Ethylene Terephthalate) Waste At Atmospheric Pressure For Recovery of A Value Added Insecticide. Polymer-Plastics Technology and Engineering. Taylor & Francis Group, New York, USA., Vol 44, Issue No. 1, Page no. 163-181, 2005, [ISBN/ISSN:0360-2559,DOI:10.1081/PTE-200046109,Impact Factor:1.48, Citation: 2,Published online: 14 Feb 2007].

8. A. S. Goje , **V. R. Diware** and S. Mishra Heat Transfer Studies in an Agitated Vessel During Aqueous Alkaline Depolymerization of Poly(Ethylene Terephthalate) (PET) Waste. Polymer-Plastics Technology and Engineering. Taylor & Francis Group, New York, USA., Vol 45, Issue No. 2, Page 231- 242, 2006, [ISBN/ISSN:0360-2559,DOI:10.1080/03602550500373485,Impact Factor:1.48, Citation: 1,Published online: 14 Feb 2007].

9. **V.R.Diware**, .A.S.Goje and S.Mishra Study Of Profitability And Break-Even Analysis For Glycolytic Depolymerization Of Poly (Ethylene Terephthalate) (PET) Waste During Chemical Recycling Of Value Added Monomeric Products. Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT), Vol.1, No.1, March 2012, Pageno.38-42,ISSN(Print)2277-7261.

10. S. L.Patil, **V.R.Diware**, H. Hussain “Carbon Credits Gains Due To Reuse of Flyash In Concrete Technology”, published in “International Journal Engineering Research and Technology”. Volume 2, Number 2 (February- 2013), page no. 592-597, [ISSN: 2278-0181. Crossref - DOI Prefix: 10.17577, Impact Factor 1.76].

11. Khairnar P, Chavan F., **Diware V.R.**, “ Generation of Energy from Distillery Waste Water”, published in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 **IJSSBT, VOL. 2, No.1, Nov. 2013.** Page No. 29-35.

12. **V.R.Diware**, H. Hussain and S.K.Dahiwelkar, “Universal Performance Parameter for Photo Catalytic Oxidation in Slurry Phase”, published in International Journal of Emerging Trends in Engineering and Development, Issue 4, Vol.3 (May 2014), Page No. 756-763, [ISSN 2249-6149, Impact Factor: 2.87].

13. Kishor S.Wani¹, Mujahid Husain² and **Vijay R Diware**, “Detergent Removal from Sullage by Photocatalytic Process”, accepted for the publication in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 **IJSSBT, VOL. 3, No.1, Page No.1 -5, Dec. 2014.**

14. **V.R.Diware**, H. Hussain, “Study on Universal Performance Parameter for Photo Catalytic Oxidation in Slurry Phase”, published in Cyber Times International Journal of Technology and Management ,Vol.7, Issue 2, page no. 1- 7, April- September 2014, [ISSN No.: 2278-7518,Impact Factor: 4.896].

15. Y.D.Thakare,Mrs S.M.Jadhav and **V.R.Diware**, H. Hussain, “Degradation of Acid Orange 7 Dye Using Combination Ultrasonic Cavitation (US) with H₂O₂ Study on Universal Performance Parameter for Photo Catalytic Oxidation in Slurry Phase”, published in Cyber Times International Journal of Technology and

Management ,Vol.7, Issue 2, , page no. 77- 84, April- September 2014, [ISSN No.: 2278-7518, Impact Factor: 4.896].

16. P.M. Solanki, D.S. Deshmukh and **Vijay R Diware**, “Investigation of Material Properties for Thermoelectric Generator System Application”, published in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 IJSSBT, VOL. 4, No.1,page no.37-43, Nov. 2015.

17. P.M.Solanki, Dr. D.S. Deshmukh, **Dr. V. R. Diware** “A Review on factors to be considered for a thermoelectric power Generation System Design”, published in International Journal of Engineering Trends and Technology ,ISSN: 2231-5381, Special Issue, ICGTETM Number-1, January 2016 Page No. 72 to 77. DOI: 10.14445/22315381/IJETT-ICGTETM-N2, Impact Factor: 1.795

18. Yogendra D. Thakare, **Vijay R. Diware**, Kishor S. Wani “Decolorization of Malachite Green Dye Using UV + H₂O₂ and Photo Fenton Processes”, published in International Journal of Engineering Trends and Technology, ISSN: 2231-5381, Special Issue, ICGTETM Number-1, January 2016 Page No. 90 to 93. DOI: 10.14445/22315381/IJETT-ICGTETM-N1, Impact Factor: 1.795

19. Jitendra Wadadkar, D.B.Sadaphale, **Dr. V. R. Diware** “Fatigue Behaviour of Threaded Pipe Connection under Static Loading”, published in International Journal of Engineering Trends and Technology ISSN: 2231-5381, Special Issue, ICGTETM Number-4, January 2016 Page No. 446 to 448. DOI: 10.14445/22315381/IJETT-ICGTETM-N4, Impact Factor: 1.795

20. P.M. Solanki, D.S. Deshmukh and **Vijay R Diware**, “ Design and Development of Experimental Setup for Thermoelectric generator system Performance Analysis”, published in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 IJSSBT, VOL. 4, No.2,page no.47-51, May. 2016.

21. Chetan Kharche, Sushila Pawade and **Dr. V. R. Diware**, “Review of Dimple Tube Double Pipe Heat Exchanger Design”, published in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 IJSSBT, VOL. 5, No.1, page no.38-41, December- 2016.

22. P.M. Solanki, Dr. D.S. Deshmukh and **Dr. V. R Diware**, “Experimental Investigation On Thermoelectric Generator System For Performance Enhancement”, published in International Journal of Development Research, ISSN: 2230-9926, VOL. 6, Issue No.12, page no. 10582-10586, December- 2016. Impact Factor: 4.753.

23. Dr. D.S. Deshmukh, P.M. Solanki, **Dr. V. R Diware** and Dr. S.P. Shekhawat, “Thermoelectric Generator System For Generation of Electric Power Waste Heat Energy From Two Wheeler Silencer”, published in International Journal of Creative Research Thought, ISSN: 2320-2882, ICGTETM Dec.2017, VOL. 5, Issue No.12, page no. 145 -151, December- 2017. Impact Factor: 5.97, <http://doi.one/10.1727/IJCRT.17140>.

24. Shubhangi R. Deshmukh, **Dr. V. R Diware**, Dr. S.A.Thakur and V.P.Sangore, “Separation of Azeotropic Solution of Ethyl Acetate- Ethanol by Cobalt Nitrate”, published in International Journal of Creative Research Thought, ISSN: 2320-2882, ICGTETM Dec.2017, VOL. 5, Issue No.12, page no. 398 -402, December- 2017.

Impact Factor: 5.97, <http://doi.org/10.1727/IJCRT.17170>.

25. Dr.S.B.Pawar, Dr. S.L.Patil and Dr. **V. R. Diware**, “Assessment of Awareness and Willingness for Environmental Protection”, published in International Journal of Creative Research Thought, ISSN: 2320-2882, ICGTETM Dec.2017, VOL. 5, Issue No.12, page no. 598- 613, December- 2017. Impact Factor: 5.97, <http://doi.org/10.1727/IJCRT.17200>.

26. Pankaj R. Patil, P.M.Solanki, **Dr. V. R. Diware** and Dr.S.P.Shekhawat, “Effects of Machining Parameters on Cutting tool (steel EN8) in Wire cut EDM”, published in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 IJSSBT, VOL. 6, No.1, page no.33-39, January - 2018.

27. P. M. Solanki, Dr.D.S.Deshmukh, and **Dr. V. R. Diware**, “Identification of Variables and Formulating Approximate Generalized Field Databased Mathematical Model in Investigation of Thermoelectric Generator System for its Performance Enhancement”, published in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 IJSSBT, VOL. 6, No.2, page no.13-26, September - 2018.

28. Devendra B. Sadaphale, Dr. Sanjay P. Shekhawat, **Dr. V. R. Diware**, “Non Convective Zone as a Critical Parameter in Determination of Thermal Performance of Salt Gradient Solar Pond:-A Review”, published in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 IJSSBT, VOL. 6, No.2, page no.42 - 48, September - 2018.

29. N.Y. Ghare, **V. R. Diware** and K.S.Wani “Preparation of Tartaric Acid from Tamarind Leaves”, published in International Journal of Management, Technology And Engineering ISSN: 2249-7455, Special Issue, ICGTETM Number-4, January 2019 Page No. 1255 to 1262446. DOI: 16.10089.IJMTE.2019.V9I01.18.27543, Impact Factor: 6.3

30. **Dr. V. R. Diware**, Jayant P. Parpalliwar and Gaurav D. Khodape “Design and Fabrication of Lab Scale Solid State Fermenter for the Production of value added Products”, published in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 IJSSBT, VOL. 7, No.1, page no. 13 - 21, September - 2019.

31. Gaurav D. Khodape, **Dr. V. R. Diware** and Jayant P. Parpalliwar “Restoration of Oil Contaminated Soil by Bioremediation for Environmental Protection”, published in Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) ISSN (Print) 2277-7261 IJSSBT, VOL. 7, No.1, page no. 44 - 60, September - 2019.

32. P. M. Solanki, Dr. D. S. Deshmukh, **Dr. V. R. Diware** and Dr. M. S. Deshmukh “Development of Mathematical Model and its ANN Validation of Thermoelectric Generator System for its performance enhancement”, published in Mukta Shabd Journal, UGC CARE LIST GROUP - I JOURNAL ISSN: 2347-3150; Impact Factor: 4.6, Volume 8, Issue IX May 2020, page no. 807 - 817, May - 2020. [DOI:09.0014.MSJ.2020.V9I5.0086781.1085](https://doi.org/10.1007/978-93-9041-008-5).

33. Anand pol, Ajay Wadekar, Sanket Khobragade and **Dr. V. R. Diware** “Production of Itaconic Acid from

Carbohydrate-Rich Material by using Fungi”, published in *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429, Volume 8 Issue V May 2020, page no. 1246 - 1248, May - 2020. <http://doi.org/10.22214/ijraset.2020.5197>.

34. P. M. Solanki¹, Dr. D. S. Deshmukh, **Dr. V. R. Diware** and Dr. M. S. Deshmukh “Experimental investigation of thermoelectric generator system”, published in Elsevier- Material Today Proceedings <https://doi.org/10.1016/j.matpr.2021.05.478>.

35. Kiran Dinkar Chaudhari, Dr. Nilesh P. Salunke and **Dr. Vijay R. Diware**, “A Comprehensive Review on Performance Improvement of Diesel and Biodiesel fueled CI Engine using Additives”, published in Scopus indexed *International Journal of Performability Engineering* published by Totem Publishers, Inc. VOL. 17, issue 9, September - 2021, page no.815-824. doi:[10.23940/ijpe.21.09.p8.815824](https://doi.org/10.23940/ijpe.21.09.p8.815824).

36. Kiran Dinkar Chaudhari, Dr. Nilesh P. Salunke and **Dr. Vijay R. Diware**, “Effects of additives on Biodiesel combustion characteristics and pollutant formation”, published in *Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT)* ISSN (Print) 2277-7261 IJSSBT, Special Issue: ICGTSTHCM 2022, VOL. 8, No.2, page no. 53 - 56, January - 2022.

37. Jayant P.Parpalliwar, **Dr. Vijay R. Diware**, Sarika S.Pawar and Dr. M.Husain “Fermentative Production of Actinomycin by Streptomyces Antibioticus 2123 Using Protein Rich Supplement as a Substrate”, published in *Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT)* ISSN (Print) 2277-7261 IJSSBT, Special Issue: ICGTSTHCM 2022, VOL. 8, No.2, page no. 63 - 66, January - 2022.

38. D.B. Sadaphale, Dr. S. P. Shekhawat and **Dr. V. R. Diware**, “Investigation of Zonal Thickness Variation on Thermal Storage of Salt Gradient Solar Pond”, published in *Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT)* ISSN (Print) 2277-7261 IJSSBT, Special Issue: ICGTSTHCM 2022, VOL. 8, No.2, page no. 84 - 90, January - 2022.

39. Bhushan Youraj Patil, Dr. Nilesh P. Salunke and **Dr. Vijay R. Diware**, “Solar Absorption Refrigeration Systems Use Productive Thermal Storage PCMs: Review”, published in *Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT)* ISSN (Print) 2277-7261 IJSSBT, Special Issue: ICGTSTHCM 2022, VOL. 8, No.2, page no. 125 - 131, January - 2022.

40. Dr. P. M. Solanki¹, **Dr. V. R. Diware** and Dr. P.G.Damle “Optimization of Thermoelectric Generator System for its Performance Enhancement”, published *GIS SCIENCE JOURNAL, UGC CARE LIST GROUP - II JOURNAL* ISSN NO : 1869-9391; Impact Factor: , Volume 9, Issue 5, page no. 683 - 691, May - 2022. [DOI:20.18001.GSJ.2022.V9I4.22.39176](https://doi.org/10.18001/GSJ.2022.V9I4.22.39176)

41. Dr. P. M. Solanki¹, **Dr. V. R. Diware** and Dr. P.G. Damle “Fabrication of Pick And Place Arm Robot”, published *GIS SCIENCE JOURNAL, UGC CARE LIST GROUP - II JOURNAL* ISSN NO : 1869-9391; Impact Factor: , Volume 9, Issue 5, page no. 1789 - 1797, May - 2022. [DOI:20.18001.GSJ.2022.V9I4.22.39286](https://doi.org/10.18001/GSJ.2022.V9I4.22.39286)

B. Research Paper Published In National Conference/ Seminar:

1. **V.R.Diware**, Y.P.Chauhan, A.S.Goje, S. Mishra. Effect of Aqueous & Alcoholic KOH on PBT & PET. C.V. Raman Memorial Seminar 2005, at North Maharashtra University, Jalgaon on Feb.28, 2005, Page 27, Souvenir.
2. Y.P.Chauhan, **V.R.Diware**. EIA of Agrochemical Industries. National Conference on Recent Advances in Chemical Engineering "RACE-2005" on 8th April 2005 at JDIET, Yavatmal.
3. S.A.Thakur, **V.R.Diware**, V.P.Sangore, M.Husain. Fertility Evaluation & Feasibility Analysis For Disposal Of Bio-Sludge. National Conference on Recent Advances in Chemical Engineering RACE 2005, Apr. 08, 2005, at JDIET, Yavatmal.
4. A. S. Goje, S. Mishra and **V.R.Diware**. Optimization Of Catalytic Depolymerization Of PETW For Recovery Of Value Added Products. Seminar on 'Recent Trends in Chemical Technology', organized by Department of Chemical Technology, N.M.U., Jalgaon, on Feb.06-07, 2006.
5. S. Kimothi, N.G. Shimpi, S.S.Sonawane, **V.R. Diware** "A review: Nanoscience and Technology Emerging Trend", National Seminar organized by S.S.B.T's, COET, Bambhori, Jalgaon. on March 08, 2008.
6. V.P.Sangore, S.A.Thakur, K.S.Wani, **V.R.Diware** "Impact of Recession on Indian Chemical Industry" National Conference organized by Smt.L.R.T. College of Commerce, Akola, during 16-17 December 2009.
7. V.P.Sangore, S.A.Thakur, **V.R. Diware** and K.S.Wani "Recovery of Bisphenol-A Through Depolymerization of Commercial Compact Disc Waste By Alkaline Methanolysis", National Conference On "Emerging Trends in Engineering, Technology and Management" organized by SSBT's COET, Bambhori, Jalgaon on March 29, 2010.
8. R.B.Sonawane, **V.R. Diware**, and S.A.Thakur "Green and Clean Approach for Rain Water Harvesting", National Conference On "Green and Clean Technology" organized by SSBT's COET, Bambhori, Jalgaon on March 11, 2012.
9. A.T.Tathod, S.K.Deshmukh, **V.R. Diware**, and S.A.Thakur "Hospital Waste Management for Akola City", National Conference On "Green and Clean Technology" organized by SSBT's COET, Bambhori, Jalgaon on March 11, 2012.

C. Research Paper Published In International Conference:

1. M.Husain, S.L.Patil, **V.R.Diware** . Int. Nat. Con. of Chem. and Envit., ICCE-01, Indore, Curriculum Design in Environmental Engineering Dec 16-18 (2001), Page 6 - 8 , Souvenir.
2. M.Husain, S.L.Patil, **V.R.Diware** . Int. Nat. Con. of Chem. and Envit., ICCE-01, Indore, Audit Of Water Works at Bhusawal & Jalgaon Dec 16-18 (2001), Page 77 - 83 , Souvenir.
3. S. A. Thakur, A.S.Goje, **V. R. Diware**, V. S. Zope, and S. Mishra. Recovery of Value Added Monomers From PET Waste. International Conference On Plastic And Environment Opportunities And Challenges., Feb 24-25, 2003, New Delhi, Page 22, Souvenir.
4. S. Mishra, A.S.Goje, **V. R. Diware**. Depolymerization of Waste Poly (Ethylene Terephthalate) for Recovery of value added Monomers (DMT and EG). International Conference On Plastic And Environment

Opportunities And Challenges., Feb 24-25, 2003, New Delhi, Page 27, Souvenir.

5. **V. R. Diware**, A.S.Goje, S. A. Thakur, Y. P. Chauhan, Tushar M. Patil and S. Mishra. Environmental Risk Assessment. Int. Nat. Con. of Chem. And Env't., ICCE-05D, Indore, Dec24-26, 2005 Page no.106-107, Proceedings.

6. Purushottam Khairnar, Farooque Chavan and **V. R. Diware** “ Generation of Energy from distillery waste water” Published in International Conference on “Advances in energy technology” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon held on March 29th ,2013, page no. 7-12, Proceedings.

7. Abhijitsingh Hajeri,, **V. R. Diware** and F. I. Chavan “ Paper on use of geothermal energy for production of electricity” Published in International Conference on “Advances in energy technology” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon held on March 29th ,2013, page no. 27-31, Proceedings.

8. Bhoras Kunal Dattatray, S.L.Patil and **V.R.Diware**“ Energy recovery from Municipal Solid” Published in International Conference on “Advances in energy technology” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon held on March 29th ,2013, page no. 51-54, Proceedings.

9. V.P.Sangore, S.A Thakur, **V.R.Diware**, K.S.Wani, “Sustainable Development And Challenges Ahead Of Chemical Engineering Industries” Published in International Conference on “Sustainable Development” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon held on February 25-26th , 2014, page no. 18-21, Proceedings.

10. **V.R.Diware**, H. Hussain, “Study on Universal Performance Parameter for Photo Catalytic Oxidation in Slurry Phase”, published in International Conference on “Global Trends In Engineering, Technology and Management” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon held on January 9-11th ,2015, page no. 1- 7, Proceedings.

11. Y.D.Thakare, S.M.Jadhav,**V.R.Diware**, H. Hussain, “Degradation Acid Orange 7 Dye Using Combination of Ultrasonic Cavitation (US) with H₂O₂”, published in International Conference on “Global Trends In Engineering, Technology and Management” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon held on January 9-11th ,2015, page no. 77- 84, Proceedings.

12. Dr. D.S. Deshmukh, P.M. Solanki, Dr. **V. R Diware** and Dr. S.P. Shekhawat, “Thermoelectric Generator System For Generation of Electric Power Waste Heat Energy From Two Wheeler Silencer”, published in International Journal of Creative Research Thought, ISSN: 2320-2882, ICGTETM Dec.2017, VOL. 5, Issue No.12, page no. 145-151, December-2017. Impact Factor:5.97, Proceedings, <http://doi.one/10.1727/IJCRT.17140>.

13. Shubhangi R. Deshmukh, Dr. **V. R Diware**, Dr. S.A.Thakur and V.P.Sangore, “Separation of Azeotropic Solution of Ethyl Acetate- Ethanol by Cobalt Nitrate”, published in International Journal of Creative Research Thought, ISSN: 2320-2882, ICGTETM Dec.2017, VOL. 5, Issue No.12, page no. 398 -402, December- 2017. Impact Factor: 5.97, Proceedings, <http://doi.one/10.1727/IJCRT.17170>.

14. Dr.S.B.Pawar, Dr. S.L.Patil and Dr. **V. R Diware**, “Assessment of Awareness and Willingness for Environmental Protection”, published in International Journal of Creative Research Thought, ISSN: 2320-2882, ICGTETM Dec.2017, VOL. 5, Issue No.12, page no. 598- 613, December- 2017. Impact Factor: 5.97, Proceedings, <http://doi.one/10.1727/IJCRT.17200>.
15. N.Y. Ghare, **V. R. Diware** and K.S.Wani “Preparation of Tartaric Acid from Tamarind Leaves”, published in International Journal of Management, Technology And Engineering ISSN: 2249-7455, Special Issue, ICGTETM Number-4, January 2019 Page No. 1255 to 1262446, ICGTSTHCM2019 DOI: 16.10089.IJMTE.2019.V9I01.18.27543, Impact Factor: 6.3
16. Jayant P. Parpalliwar, **Dr. V. R. Diware**, Gaurav D. Khodape and Dr.S.A.Thakur, “Fermentative Production and Characterization of Actinomycin by Streptomyces Antibioticus 2123 using Protein Rich Supplement as a Substrate”, published in Book “Navigating the future”, proceeding of International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM19) organized by SSBT’ COET Bambhori, Jalgaon, December 28 -30, 2019, page number 10 to 14, ISBN: 978-93-88544-95-5.
17. S.S.Pawar, S.M.Husain and **Dr. V. R. Diware**, “Extraction and Isolation of Collagen from Waste Skin of Fish”, published in Book “Navigating the future”, proceeding of International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM19) organized by SSBT’ COET Bambhori, Jalgaon, December 28 -30, 2019, page number 35 to 36, ISBN: 978-93-88544-95-5.
18. V.P.Sangore, Priyanka Thakare, Dr.S.A.Thakur and **Dr. V. R. Diware**, “A Review on Disinfection of Water using Anti Microbial Performance of Cow Urine and Natural Herbs”, published in Book “Navigating the future”, proceeding of International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM19) organized by SSBT’ COET Bambhori, Jalgaon, December 28 -30, 2019, page number 42 to 44, ISBN: 978-93-88544-95-5.
19. **Dr. V. R. Diware**, Dr.N.Y.Ghare, Dr.K.S.Wani and Dr.S.A.Thakur , “Extraction of Ginger Oil”, published in Book “Navigating the future”, proceeding of International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM19) organized by SSBT’ COET Bambhori, Jalgaon, December 28 -30, 2019, page number 45 to 51, ISBN: 978-93-88544-95-5.
20. Dr.S.A.Thakur, **Dr. V. R. Diware**, V.P.Sangore and Sarika Pawar, “Production of Biodiesel from Waste Cooking Oil”, published in Book “Navigating the future”, proceeding of International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM19) organized by SSBT’ COET Bambhori, Jalgaon, December 28 -30, 2019, page number 63 to 66, ISBN: 978-93-88544-95-5.
21. P.M.Solanki, Dr. D.S.Deshmukh, **Dr. V. R. Diware**, and Dr.M.S.Deshmukh, “Mathematical Model and ANN Validation of Thermoelectric Generator System for Its Performance Enhancement”, published in Book “Navigating the future”, proceeding of International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM19) organized by SSBT’ COET Bambhori, Jalgaon, December 28 -30, 2019, page number 228 to 234, ISBN: 978-93-88544-95-5.

22. D.B.Sadaphale, **Dr. V. R. Diware** and Dr.S.P.Shekhawat, “Salt Gradient Solar Pond as a Alternative Solution Against Global Energy Crises”, published in Book “Navigating the future”, proceeding of International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM19) organized by SSBT’ COET Bambhori, Jalgaon, December 28 -30, 2019, page number 268 to 271, ISBN: 978-93-88544-95-5.

23 P. M. Solanki, Dr. D. S. Deshmukh, **Dr. V. R. Diware** and Dr. M. S. Deshmukh, presented a paper in 3rd international conference on Advances in Mechanical Engineering and Nanotechnology sponsored by TEQIP-III NITUK jointly organized by Manipal University, Jaipur and National Institute of Technology, Uttarakhand on March, 18-19, 2021 at Department of Mechanical Engineering, Manipal University, Jaipur.

24. Kiran Dinkar Chaudhari, Dr. Nilesh P. Salunke and **Dr. Vijay R. Diware**, “Effects of additives on Biodiesel combustion characteristics and pollutant formation”, published in e- proceeding of International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management (ICGTSTHCM 2022) organized by SSBT’ COET Bambhori, Jalgaon, January 1 -3, 2022, page number 3 to 10.

25. Jayant P.Parpalliwar, **Dr. Vijay R. Diware**, Sarika S.Pawar and Dr. M.Husain “Fermentative Production of Actinomycin by Streptomyces Antibioticus 2123 Using Protein Rich Supplement as a Substrate”, published in e- proceeding of International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management (ICGTSTHCM 2022) organized by SSBT’ COET Bambhori, Jalgaon, January 1 -3, 2022, page number 150 to 155.

26. D.B. Sadaphale, Dr. S. P. Shekhawat and **Dr. V. R. Diware**, “Investigation of Zonal Thickness Variation on Thermal Storage of Salt Gradient Solar Pond”, published in e- proceeding of International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management (ICGTSTHCM 2022) organized by SSBT’ COET Bambhori, Jalgaon, January 1 -3, 2022, page number 37 to 48.

27. Bhushan Youraj Patil, Dr. Nilesh P. Salunke and **Dr. Vijay R. Diware**, “Solar Absorption Refrigeration Systems Use Productive Thermal Storage PCMs: Review”, published in e- proceeding of International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management (ICGTSTHCM 2022) organized by SSBT’ COET Bambhori, Jalgaon, January 1 -3, 2022, page number 109 to 126.

Participation in:

A. Participation in Faculty Development Programme (FDP):

1. Participated in a Three days online Faculty Development Programme (FDP) on “**Municipal Solid Waste Management During COVID-19 Pandemic**” organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (M), Medchal (D), Telangana held during May 28-30, 2020.

2. Participated in a one week online Faculty Development Programme (FDP) on **“Materials: Recent Trends & Engineering Applications”** during June 2 – 7, 2020, organized by Gokaraju Rangaraju Institute of Engineering and Technology.
3. Participated in three days online Faculty Development Programme(FDP) on **“Sustainable Development with Green Technology: Precovid, Covid and Postcovid Times.”** organized by Department of Chemistry, Anurag University, Hyderabad, India during June 11 -13, 2020.
4. Participated in a Three days online Faculty Development Programme(FDP) on **“Chemical Engineering-Towards Sustainability & Process Intensification”** conducted by Department of Chemical Engineering, Gharda Institute of Technology, Lavel., during June 15 – 17, 2020.
5. Participated in One Week online Faculty Development Programme (FDP) on **'Improving Teaching Learning Experience using Best Practices'** organised by Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering, held online from June 15 – 19, 2020.
6. Participated a in 5-Days online Faculty Development Programme (FDP) on **“Development and Impact of Recent Technologies & Innovations in Chemical Engineering”** organised by Department of Chemical Engineering, Mahatma Gandhi Mission’s College of Engineering & Technology, Kamothe, Navi Mumbai, during from June 21 – 25, 2020.
7. Participated in a Five Day Online Faculty Development Programme (FDP) on **“Recent Innovations in Chemical Engineering (RICE)”** organized by Department of Chemical Engineering, BKIT BHALKI during June 29 - July 3, 2020.
8. Participated in a Five Day Online Faculty Development Programme (FDP) on **“Waste Technology: Emerging Strategies in Waste Management Solutions”** organized by Dr. Ambedkar Institute of Technology for Handicapped during August 23 - 27, 2021, Sponsored by the All India Council for Technical Education, New Delhi.
9. Participated in a Five Day Online Faculty Development Programme (FDP) on **“Frontiers of Green technology”** organized by Government Women Engineering College, Ajmer during September 21 - 25, 2021, Sponsored by the All India Council for Technical Education, New Delhi.
10. Participated in a Five Day Online Faculty Development Programme (FDP) on **“Recycling of Plastics for Sustainable Growth”** organized by Central Institute of Petrochemicals Engineering & Technology (CIPET): Institute of Plastics Technology(IPT) during January 10 - 14, 2022, Sponsored by the All India Council for Technical Education, New Delhi.
11. Participated in a Five Day Online Faculty Development Programme (FDP) on **“Sustainability Engineering”** organized by Savitribai Phule Pune University, Pune, during January 18 - 22, 2022, Sponsored by the All India Council for Technical Education, New Delhi.

B. Participated in Quality Improvement Programmes (QIP):

1. Participated in Six Day Continuing Education Programme on “ **Computer Aided Design in Chemical Processes**” at Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra during December 23 – 28, 2002.
2. Participated in Quality Improvement Programme (QIP) AICTE sponsored Short Term Course on “**Advanced Chemical Process Design**” at Indian Institute of Technology, Guwahati, Assam during July 8 – 12, 2013.
3. Participated in Technical Education Quality Improvement Program (TEQIP-II) One Week STTP on “**Application of Bioprocesses and Nanotechnology in Chemical Engineering**” at SGGS Institute of Engineering and Technology, Nanded, Maharashtra during December 18 – 19, 2014.
4. Participated in Quality Improvement Programmes (QIP) short term course on “**Green Concepts in Engineering and Chemistry**” at S.V. National Institute of Technology, Surat, Gujarat during December 12 – 16, 2016.
5. Participated in One Week Workshop on “**Refresher Course in Chemical Engineering and Technology**” at PV PIT Budhgaon, Sangli, jointly organized by Chemical Engineering departments of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad and Padmabhooshan Vasanturadada Patil Institute of Technology, Budhgaon, Sangli under TEQIP during June 18 – 22, 2019.

C. Participation in Short Term Training Programme (STTP):

1. Participated in a One Week Online STTP on “**Effective Online Teaching-Learning Methods: Challenges, Preparation and Use of ICT Tools**”, Organized by Department of Mechanical Engineering of Govindrao Wanjari College of Engineering & Technology, Nagpur, during from May 18 – 23, 2020.
2. Participated in a One Week Online STTP on “**Renewable Energy and Utilization**”, organized by Department of Mechanical Engineering of SANDIP Institute of Engineering and Management, Nashik, during May 26 – 30, 2020.
3. Participated in AICTE Sponsored One Week Online STTP on “**Nanotechnology Science and Applications**”, organized by Department of Engineering Sciences and Humanities, JSPM Rajarshi Shahu College of Engineering Pune, during October 26 – 31, 2020.
4. Participated in AICTE Sponsored One Week Online STTP on “**Industrial Pollution and Control Strategies**”, organized by Department of Chemical Engineering, Anurag Group of Institution, Ghatkesar (M), Medchal (D), Telangan, during November 23 – 28, 2020.
5. Participated in AICTE Sponsored One Week Online STTP on “**Development of Chemical Engineering Thermodynamics Laboratory for Undergraduates**”, organized by Department of Chemical Engineering, GIET University, Gunpur, during December 14 – 19, 2020.

6. Participated in AICTE Sponsored One Week Online STTP on “**Current and Future Trends of Advances in Material Science and Technology**”, organized by Department of Basic Sciences and Humanities, Suryodaya College of Engineering and Technology, Nagpur, during December 21 – 26, 2020.

D. Participation in Workshop:

1. Participated in a Three Days Teacher Training Workshop on “**Shram Sadhana**” jointly organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon and Deepstambh Foundation Jalgaon during July 09-11, 2009.

2. Participated in a Two Days National Workshop on “**MATLAB Applications**” jointly organized by Department of Electronics & Telecommunication Engineering and Department of Electrical Engineering of SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, during March 5-6, 2011.

3. Participated in a Three Days National Level Workshop on “**Research Methodology**” jointly organized by Department of Mechanical Engineering and Department of Business Administration of SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, during October 17-19, 2011.

4. Participated in a “**Industrial Automation Workshop**” conducted by Teknocrat’s Academy of Automation & Control Technology organized at Department of Chemical Engineering, SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, during March 12-13, 2015.

5. Participated in a Workshop on “**MOODLE ADMINISTRATION**” organized by Department of Computer Engineering, SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on February 22, 2017.

6. Participated in an online Workshop on “**Process Intensification in Chemical Technology**”, organized by Chemical Engineering Department of Sir Visvesvaraya Institute of Technology, Nashik during May 8 – 9, 2020.

7. Participated in an Online Three Days Workshop on “**Sustainable Development in Chemical Processes**”, organized by Chemical Engineering Department, K. K. Wagh Institute of Engineering Education & Research, Nashik, during May 21 – 23, 2020.

8. Participated in an One Week Online Workshop on “**Renewable Energy: Application and Entrepreneurship**”, Organized by Department of Mechanical Engineering of SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, during May 26-30, 2020.

9. Participated in an online Workshop on “**Deep Eutectic Solvents for Environmental Remediation and Energy Storage**”, Sponsored by Scheme for Promotion of Academic and Research Collaboration (SPARC) Through Ministry of Human Resource Development (MHRD) Government of India, and held at Indian Institute of Technology Guwahati (IITG) India, during June 29-30, 2020.

10. Participated in an online Workshop “**Deep Eutectic Solvents for Environmental Remediation And Energy Storage**” sponsored by Scheme for Promotion of Academic and Research Collaboration (SPARC)

through Ministry of Human Resource Development (MHRD), Government of India. The workshop was held at Indian Institute of Technology Guwahati (IITG), during July 29 – 30, 2020.

E. Participation in Conferences/ Conclave/ Seminar/Training etc. :

1. Participated in three Days course on “**In House Induction Training for Teachers**” sponsored by Indian Society for Technical Education, New Delhi (Under C.I.I.C.P.) at Anuradha Engineering College, Chikhli, During October 13 – 15, 1997.
2. Participated in a “**Orientation Programme for Engineering College Teacher**” jointly organized SSBT’s College of Engineering and Technology, Bambhori, Jalgaon and Engineering Education Foundation Pune during July 11-13, 2003.
3. Participated in a National Seminar “**Quality Assurance in Technical Education**”, organized by Shri Sant Gajanan Maharaj College of Engineering, Shegaon on October 28, 2004.
4. Participated in an “**International Congress of Chemistry and Environment, ICCE-01**”, Indore, during Dec 16-18, 2001.
5. Participated in a “**C.V. Raman Memorial Seminar, 2005**”, at North Maharashtra University, Jalgaon on Feb.28, 2005.
6. Participated in a “**National Conference on Recent Trends in Chemical Engineering (RACE-2005)**”, at JDIET, Yavatmal, on April 28, 2005.
7. Participated in a Seminar on “**Recent Trends in Chemical Technology**” organized by Department of Chemical Technology, North Maharashtra University, Jalgaon, during Feb.06-07, 2006.
8. Participated in a National Seminar on “**Nanotechnology: Perspectives and Future**” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on March 8, 2008.
9. Participated in a National Conference on “**Impact of Recession on Indian Chemical Industry**” National Conference organized by Smt.L.R.T. College of Commerce, Akola, during December 16-17, 2009.
10. Participated in the In-Plant Training Programme on “**Disaster Management**”, conducted by National Safety Council held at SSBT’s College of Engineering and Technology, Bambhori, Jalgaon on January 23, 2010.
11. Participated in a National Conference on “**Emerging Trends in Engineering, Technology and Management**” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on March 29, 2010.
12. Participated in a National Conference on “**Green and Clean Technology**” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on March 11, 2012.
13. Participated in an International Conference on “**Advances in Energy Technology**” organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on March 29, 2013.

14. Participated in an International Conference on “**Sustainable Development**”, organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on February 25-26, 2014.
15. Participated in an International Conference on “**Global Trends In Engineering, Technology and Management**”, organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on January 9-11, 2015.
16. Participated in an International Conference on “**Global Trends In Engineering, Technology and Management**”, organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on December 22-24, 2017.
17. Participated in an “**International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM2019)**”, organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on January 18-20, 2019.
18. Participated and successfully completed five days training on “**Laboratory Quality System Management and International Audit as per ISO/IES – 17025:2017**”, conducted at National Institute of Plant Health Management (NIPHM), Hyderabad during July 15 – 19, 2019.
19. Participated in an “**International Conference on Global Trends in Science, Technology, Humanity, Commerce and Management (ICGTSTHCM19)**”, organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon, on December 28 -30, 2019.
20. Participated in an online “**National Level e- Entrepreneur Conclave**” jointly organized by SANDIP Technology Business Incubator of SANDIP University, Nashik and KBCNMU – Centre for Innovation, Incubation and Linkages (K-CIIL), Innovation Facility Centre (IFC) of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, during May 30 – 31, 2020.
21. Participated in an online Lecture Series on “**Accreditation: Let’s Make It More Effective**”, Organized by Department of Electrical Engineering and Department of Electronics and Telecommunication Engineering, Shri G.S. Institute of Technology and Science, Indore, on 11th June 2020.
22. Participated in a Three Days online Conference on “**Proficiency Improvement on Polymer Processing and Advanced Characterization**”, conducted by Centre of Excellence in Polymer Science and Engineering in Association with Polymer Process Academy, Pillai College of Engineering, Panvel, during July 1-3, 2020.
23. Participated in an online Train-the-Teacher Training Program (TTT Program) on the theme “**Online Learning: Live Class Room Teaching Platforms**”, organized Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, during July 24-27, 2020.
24. Participated in an International E-Conference on “**Recent Transformations in Chemical & Textile Technology**”, organized UICT, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, in Association with UPTTI Kanpur, during August 24-26, 2020.
25. Participated and presented a paper entitled “Prospects for Biodiesel Production in India” in ICFDMST – 2021, organized by the Department of Mechanical Engineering, Shri Vile Parle Kelavani Mandal’s Institute of Technology (SVKM’s IOT), Dhule, during December 23-24, 2021.

26. Participated and presented a paper entitled “A Study of Advancement of Phase Change Materials for Solar Absorption Refrigeration System” in ICFDMST – 2021, organized by the Department of Mechanical Engineering, Shri Vile Parle Kelavani Mandal’s Institute of Technology (SVKM’s IOT), Dhule. during December 23-24, 2021.

F. Participation in Webinar, Quiz etc.

1. Participated and completed an Online Quiz on "**Impact COVID 19 on Indian Economy with Special Reference to Maharashtra**" on 15th May 2020 organized by Department of Commerce and Economics of Annasaheb Gundewar College, Katol Road, Nagpur.
2. Participated and completed an Online Quiz on "**COVID 19 Awareness**" on 15th May 2020 organized by Department of Computer Engineering of Government Polytechnic Ambad.
3. Participated in an Online Webinar on "**Industrial Scenario After COVID 19**" from 20th May 2020 to 21st May 2020 organized by Training and Placement Department of Guru Gobind Singh College of Engineering and Research Centre, Nashik.
4. Participated in an Online Two Days National Webinar on "**Education Gen Next: Perspectives, Opportunities and Challenges**" from 19th May 2020 to 20th May 2020 organized by St. Teresa’s Institute Education Mumbai.
5. Participated and completed an Online “**International COVID 19 Awareness Quiz 2020**” on 24th May 2020 organized by Department of Commerce of Rajiv Gandhi University, Arunachal Pradesh.
6. Participated in a Webinar on “**Digital Transformation in Plant Engineering**” on 24th May 2020 organized by Maharashtra Association of Training and Placement Officers.
7. Participated and completed an Online “**COVID 19 Awareness Quiz** ” on 24th May 2020 organized by Department of Chemistry of Nutan Maratha College Jalgaon.
8. Participated and completed National Level Online Quiz Competition on "**Indian Economy**" on 25th May 2020 organized by Department of Economics of Shri Shivaji Arts, Commerce and Science College, Motala Dist. Buldana.
9. Participated and completed an One Week Webinar Series on "**Preparation for Competitive Examination in Life Sciences**" from 26th May 2020 to 31th May 2020 organized by Department of Botany and IQAC of Shri Shivaji Arts, Commerce and Science College, Akola.
10. Participated and completed an Online “**Awareness Quiz Program About Covid 19**” on 27th May 2020 organized by Department of Statistics, Computer Science and IQAC of Rajarshri Chhatrapati Shahu College, Kolhapur.
11. Participated and completed an Online International Webinar on “**Adopting Materials for Virtual Classroom**” on 27th May 2020 organized by R.S.Mundle Dharampeth Arts and Commerce College, Nagpur.

12. Participated in an Online One Day National Webinar on “**Gender and Cyber Crime During COVID19 Pandemic**” on 27th May 2020 organized by Women Development Cell (WDC) and Internal Complaint Committee (ICC) of S.M. Shetty College of Science, Commerce and Management Studies, Powai, Mumbai.
13. Participated and completed an Online Quiz on “**Assembly Language Programming**” on 29th May 2020 organized by Department of Computer Science and Engineering, Babasaheb Naik College of Engineering, Pusad.
14. Participated in an One Day National Level Webinar on “**Management of COVID 1 During Post Lockdown Period**” on 30th May 2020 organized by SMT LRT College of Commerce, Akola.
15. Participated in a webinar on “**Intellectual Property Rights(IPR) for Intellectuals**” organised by Institutes Innovation Council(IIC) Research Development Cell of PVPIT, Budhgaon, Sangli held on 20th June 2020.
16. Participated in a webinar on “**Characterization Techniques for Nanomaterials**” organised by Department of Physics, The National Institute of Engineering, Mysuru, Karnataka held on June 26,2020.
17. Participated in a Webinar on “**Brief Insights on Project Management in Oil and Gas Engineering, Procurement & Construction Projects**” organized by Department of Chemical Engineering, SSBT’s College of Engineering & Technology, Bambhori, Jalgaon (M.S.), India on 27th June, 2020.

WORK INVOLVEMENT:

AT INSTITUTE LEVEL:

1. Nodal officer, **Atal Ranking of Institutions on Innovation Achievements (ARIIA)**
2. Coordinator, **Shram Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC)**
3. Chairman, **Energy Club**
4. Chairman, **College Discipline Committee**
5. Member, **The Internal Quality Assurance Cell (IQAC)**
6. Member, **Organizing committee of International Conferences ICGTETM 2014, ICGTETM 2015, ICGTSTHCM-19, ICGTET -2020-21**
7. Member, **Anti ragging Committee**
8. Member of **Admission Committee.**
9. Member of **Cultural Committee.**
10. Member of **Shram Sadhana Engineering Alumni Committee.**
11. Coordinator, **PMKVY Phase I & II**

❖ **TEACHING AWARDS:**

➤ **Certificate of Recognition from SSBT's COET Bambhori, Jalgaon for achieving 100**

% Result in the Subjects:

1. Process Equipment Design & Drawing - I (T.E) in October 2004, NMU Examination.
2. Chemical Plant Design & Project Engineering (B.E) in May 2005, NMU Examination.
3. Process Equipment Design & Drawing - II (T.E) in May 2006, NMU Examination.
4. Chemical Plant Design & Project Engineering (B.E) in May 2006, NMU Examination.
5. Chemical Plant Design & Project Engineering (B.E) in May 2007, NMU Examination.
6. Chemical Plant Design & Project Engineering (B.E) in May 2016, NMU Examination.
7. Process Equipment Design & Drawing - II (T.E) in May 2016, NMU Examination.

➤ **Certificate of Recognition from SSBT's COET Bambhori, Jalgaon achieving outstanding result (90 % & above) Result in the Subjects:**

1. Process Equipment Design & Drawing - I (T.E) in October 2010, NMU Examination.
2. Chemical Plant Design & Project Engineering (B.E) in May 2011, NMU Examination.
3. Process Equipment Design & Drawing - I (T.E) in October 2012, NMU Examination.
4. Chemical Plant Design & Project Engineering (B.E) in May 2012, NMU Examination.
5. Chemical Reaction Engineering – II (B.E) in October 2012, NMU Examination.
6. Process Equipment Design & Drawing - II (T.E) in May 2012, NMU Examination.
7. Chemical Plant Design & Project Engineering (B.E) in May 2014, NMU Examination.
8. Process Equipment Design & Drawing - II (T.E) in May 2015, NMU Examination.
9. Chemical Plant Design & Project Engineering (B.E) in May 2015, NMU Examination.

❖ **Article Published in News Paper**

- Published article on “**केमिकल इंजीनियरिंग: शाश्वत विकासाचे पायाभूत क्षेत्र**” in daily newspaper, Divya Marathi, Jalgaon Edn. on 26/05/2018.

I solemnly declare that the information given above is true to the best of my knowledge.

Place: Bambhori

Date: 13/06/2022

(Dr. V.R.Diware)