



Vinaykumar Chandrakant Jadhav
Assistant Professor,
Department of Mechanical Engineering
SNJB's Late Sau. K. B. Jain College of Engineering,
Chandwad -423101

Education:

- M.E. Design of Mechanical System, RGPV, Technical University (MP)
- B.E. Mechanical, Savitribai Phule, University Pune. (Maharashtra)
- DME, Mechanical, BTE, Mumbai. (Maharashtra)

Experience:

- As assistant Professor in Mechanical Engg. Department, SNJB's KBJ COE, Chandwad from 07/09/2016 to till date.
- As a Lecturer in Mechanical Engg. Department, SNJB's KBJ COE, Chandwad from 13/04/2012 to 06/09/2016.

Research Publications:

- **PERFORMANCE ANALYSIS OF LPG DUAL SYSTEM**, in international Journal of Innovations in Engineering Sciences and Technology, ISSN: 2454-8324: Mech, vol. 1, issue1, pp.24-29.
- **INNOVATIVE DESIGN OF CONTINUES VARIABLE TRANSMISSION ROBOT** in International Journal of Modern Trends in Engineering and research, ISBN No – 978-93-392-2288, e-ISSN No: 2349-9745, July 2- 4, 2015
- **PERFORMANCE REVIEW OF HYDROGEN IN INTERNAL COMBUSTION ENGINE** in International Journal of Modern Trends in Engineering and Research, ISBN No – 978-93-392-2288-8, e-ISSN, No.:2349-9745, Volume 2, Issue 7, 2-4, July, 2015

- **FEA OF TITANIUM HELICAL GEAR SET**, in proceeding of ICRTET 2016 published by McGraw Hill Publication, ISBN No – 978-93-392-2288-8, e-ISSN No: 2349-9745, April 28-30, 2016
- **FEA OF POLYETHYLENE HELICAL GEAR SET**,ICRTET 2018, published by International Journal for Research in Engineering Application & Management, e-ISBN No – 978-81-937182-1, May 30-31, 2018.
- **DESIGN AND DEVELOPMENT OF A TOOL DYNAMOMETER BASED ON LOAD CELL FOR ANALYSIS OF VARIOUS FORCES ON RDM**,ICRTET 2018, published by International Journal for Research in Engineering Application & Management, e-ISBN No – 978-81-937182-1, May 30-31, 2018.

STTP Attended:

- Attended six weeks Technology Based Entrepreneurship Program on **'Grape Wine Manufacturing'** at MITCON Nashik, organized by Department of Science and Technology, New Delhi, and Government of India.
- Attended one week online Short Term Training Program on **'Patenting for Innovations'** organized between 25-29 May 2020 by Department of Mechanical Engineering of Sanjivani College of Engineering Kopargaon.
- Attended AICTE-ISTE Sponsored One week Induction/Refresher online program (Phase III) on **Introduction to MOODLE for Teaching Learning Process** from 17-22 May 2021 organized by KKW Polytechnic College Nashik.
- Attended one week **AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)** from 24 May to 28 May.

FDP Attended:

- Attended two days workshop on **Entrepreneurship Program** at Shree.H.H.J.B. Polytechnic Chandwad, organized by Udyogvardhini Nashik

- Attended one day **Syllabus Implementation Workshop on Industrial Engineering** at Sinhgad College of Engineering, Vadgaon, Pune organized by Savitribai Phule Pune University, Pune
- Attended one day **Syllabus Implementation Workshop on Industrial Engineering** at SNJB's KBJ College of Engineering, Chandwad organized by Savitribai Phule Pune University, Pune
- Attended one day workshop on **Intellectual Property Management (Ipm) & Patent Lifecycle Management (Plm)** by Krishna and Saurastri Associates, Pune. At SNJB's KBJ College of Engineering, Chandwad.
- Attended one day Syllabus Implementation Workshop on '**Systems in Mechanical Engineering**' at Guru Gobind Singh college of Engineering and Research Center, Nashik organized by Savitribai Phule Pune University, Pune
- Attended one day **Syllabus Implementation Workshop on Engineering Graphics** at SNJB's KBJ College of Engineering, Chandwad organized by Savitribai Phule Pune University, Pune.
- Attended three day online FDP **Electric Vehicles: Present Status and Future Prospects** from 10-12 May 2021 organized by KBTCOE Nashik from 6-8 May 202.
- Attended three day online FDP on **Innovative Teaching –Learning Methods** from 10-12 May 2021 organized by KBTCOE Nashik.
- Attended three day online FDP on **Emerging Trends in Industry** from 18-22 May 2021 organized by KBTCOE Nashik from 6-8 May 2021.
- Attended **A National Level Webinar on Patent Process Overview**, organized by Department of Mechanical Engineering, AISSMS College of Engineering, Pune-01.24 May 2021.

Patent: (<https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus>)

Sr. No.	Year	Title of Invention	Application ID	Date of Filing	Publication Date	Status
1	2017	Versatile Bio Fertilizer Spreading Machine	201721020692	13/06/2017	14/12/2018	Awaiting Request for Examination
2	2017	Versatile Sugarcane Planting Machine	201721041981	23/11/2017	05/01/2018	Awaiting Request for Examination
3	2018	Smart Onion Planting Machine	201821037841	05/10/2018	10/04/2020	Awaiting Request for Examination
4	2019	Maize Planting Machine	201921048234	26/11/2019	06/12/2019	Awaiting Request for Examination
5	2019	Sugarcane Planting Machine	201921051265	11/12/2019	27/12/2019	Awaiting Request for Examination
6	2021	A Vegetable Transplanting Machine	202121004898	04/02/2021	12/02/2021	Awaiting Request for Examination

Expert Lecture Delivered:

- **“Basic of Intellectual Property”** at H.H.J.B. Polytechnic, Chandwad, on the occasion of MSBTE Certificate Distribution Ceremony, on 06/07/2017.

Other Administrative Responsibilities:

- Member and departmental Coordinator 'Alumni Association' SNJB COE, Chandwad.2013-15
- Departmental NSS Coordinator. 2012-Till
- Coordinator for Conference 'ICRTET 2015, Post Processing.
- Coordinator, Magazine 'Impetus 2015', (Marathi Section)
- Coordinator, Magazine 'Impetus 2016', (Technical Section)
- Coordinator, Magazine 'Impetus 2016', (Marathi Section)
- Senior Supervisor FE Online Examination SNJB, COE, Chandwad. A.Y.2015-2018
- Coordinator, Facilitation Center For Direct Second Year Admission. A.Y.2018-19.
- Member MHRD's Institute Innovation Cell. From 2018-19.
- Coordinator, Facilitation Center For Direct Second Year Admission. A.Y.2019-20.
- Coordinator, E-Facilitation Center For Direct Second Year Admission. A.Y.2019-20.
- Module Coordinator NBA Criteria 8 First Year (SME,EG,) 2019
- Project Mentor for Savitribai Phule Pune University 'AVIHKAR' Competition 2017-18
- Project Mentor for AICTE Chatra Vishwakarma Award 2018-19.
- Project Mentor for MHRD's AICTE 'SMART INDIA HACKETHON' 2018-19.
- Project Mentor for Savitribai Phule Pune University 'AVIHKAR' Competition 2018-19..
- Project Mentor for AICTE Chatra Vishwakarma Award 2019-20.
- Project Mentor for MHRD's AICTE 'SMART INDIA HACKETHON' 2019-20.
- Project Mentor for Savitribai Phule Pune University 'AVIHKAR' Competition 2019-20.
- Project Mentor for AICTE Chatra Vishwakarma Award 2020-21.

Professional Membership:

- **Life Member:** Institute of Engineers (India), Kolkata, AM-1681055.

- **Active Member:** MHRD's Institute Innovation Cell of SNJB COE from 2018-19.
- **Active Member:** Collaborative Sustainability Cell of SNJB COE & IIT-Mumbai, 2019.

YouTube Chanel:

'Engineering Graphics by Vinaykumar'

<https://www.youtube.com/channel/UCst7QcS3tEkOzGMm9IMBtLg>