



1. Dr. Gopal Uttamrao Shinde,

B.E. (Production Engg), M.Tech. (Mechanical Engg.) IIT,

M.B.A. (Mktg) Ph.D. (Mechanical Engg.)

Assistant Professor (Dept. of Farm Machinery and Power Engineering)

Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani, Dist: Parbhani, (MS)

Mob. No. 9422111232 Email: gushindevmkv@gmail.com

Educational Qualification

- **B.E. (Mech. Engg)** with **percentage 72.00/100**, from Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.) India (August, 1994)
- **M.Tech.(Mechanical Engg.)** with **CGPA 7.40/10.00** from IIT(Kharagpur)(Oct.2001)
- **M.B.A.(Mktg)** with **65.00/100** with from Swami Ramanand Teerth Marathwada University Nanded (M.S.) India (Dec. 2010)
- **Ph.D.(Mechanical Engg.)** from Swami Ramanand Teerth Marathwada University Nanded (M.S.) India (Dec. 2010)
- **Citations 57 H-index 4 i10-index 3**

Summary of Experience (as on 10-04-2019)

- In the cadre of Lecturer of Mechanical Engg. : 10 years
- In the cadre of Assistant Professor (Mech.Engg) : 02years
- In the cadre of Assistant Professor (FMPE) : 12 years
- ME (Mechanical Engg.) Co-ordinator : 02 years
- M.Tech. (FMPE) Co-ordinator : 09 years
- Ph.D.(FMPE) Co-ordinator : 04 years
- Total Experience: : 24 Yrs.**

(Note: 12Yrs experience in the Mechanical Engineering and 12Yrs in Farm Machinery and -Power Engineering Departments)

Award and Honors

- Best Faculty Researcher” by Indian Society of Concept Management, MH-231-2012
○ A’Nagar (M.S.) non-profit Society in India.
- D’ Commune’s International Award for “Best Teacher in Engineering Research” by Indian Society of Concept Management, MH-231-2012 A’Nagar (M.S.) non-profit Society in India
- Chairman in International Conference in World Academy for Science Engineering and Technology [WASET-2010 and 2013].
- Best Reviewer in International Conference of International Conference on Mechanical,
○ Automotive and Materials Engineering (CMAME 2013) Hong Kong.”
- Keynote Speaker in International Conference of Agricultural Engineering by AAAE-2010 at Shanghai-CHINA.
- STAR of MGM Award by MGM’s College of Engineering, Nanded (M.S) India.
- **Speaker in 1st World Conference on Robotics (WCR-2015) organized by BITs at Shenyang-China.**

International Training Courses attended

- 2nd International training course on “Agricultural Mechanization & Information-Technologies” 12-16, May 2014 at Menemen, Izmir Turkey.
- Advanced Agricultural Machineries and Agricultural Robotics Two weeks training conducted by Universitat Politecnica De Valencia ,Spain 18-29, April 2018.

International Visits for training/seminars/workshops/Conferences

- 26-28 May 2010-Research Paper presentation at Tokyo-Japan
- 16-20 Sept 2010-Keynote Lecture in Shanghai-China
- 12-16 May 2014-International Training at UTAEM-Izmir Turkey
- 31Aug-2Sept 2015-Ist World Conference on Robotics by BITs in Shenyang-China
- 18-29 April 2018 –Europe tour for Mutual Collaboration visited Spain and Portugal.
- 6-10 June 2018-Visit to Malaysia and Singapore for MoU s with Universities.

Externally Funded Projects

- **RKVY:** Farm Machinery Manufacturing Testing and Training Centre, VNMKV Parbhani

Principal Investigator (2016-2019)

Total Grants: 700 Lakhs

Research Publications

Google Citation H-Index: 4 and i10 index: 3 and Number of Citations: 57

Research gate RG-Score: 1.77; h-index: 2

- Research Papers in International Journal: **09**
- Full length Research Papers in the Proceedings of Conferences/Seminars: **18** (International 09 and National:09)
- Books: **1** (International)
- Review Paper on Agricultural Robotics in International Journal: **01**

Teaching and Learning

Various courses taught to

- **Graduate and postgraduate and Ph.D.(Agril.Engg.) students and performed other academic activities such as exam paper setting/ examining/ evaluation of students at VNMKV, Parbhani**
- **Graduate and Postgraduate in Mechanical Engg./Production Engg /Electronics Engg /Computer Engg./Civil Engg./Management students and performed other academic activities such as exam paper setting/ examining/ evaluation of students at SRTM University Nanded.**
- **Recognized University teacher** to supervise/ guide Doctoral (Ph.D.) and Post Graduate Students of VNMKV, Parbhani Guided **1 Ph. D student, 05 M.Tech (FMPE) students, 21 M.Tech. Ph. D. Student Advisory committee member** in various departments.

Research Laboratory development experience:

1. Mechanical Engg. Dept. MGM's College of Engg NANDED
i) CAD/CAM laboratory; ii). Tribology Laboratory; iii). Robotics laboratory
2. Farm Machinery and Power Deptt. College of Agricultural Engg. & Technology, Vasantrao Naik Marathwada Krishi Vidhayapeeth, Parbhani
i). CAD/CAM /CAE laboratory; ii).Agricultural Implements Testing

Member of academic/ education and research related statutory bodies

- **Board of Studies** in Farm Machinery and Power Engg., College of Agricultural Engineering , VNMKV, Parbhani
- Member in Editorial Board of University Monthly Magazine: Sheti Bhati
- Worked as member with state level committee for establishment of Automatic weather station at circle level in Maharashtra.

Professional Membership:

International Societies and Organizations:

- **IAENG:** International Association of Engineers, Hong Kong.(No.128131)
- **ASABE:** American Society of Agricultural and Biological Engineers, USA.(M1041824)
- **APCBEES:** Asia-Pacific Chemical, Biological, Environmental, Engg. Society.(M200264)
- **ISPA:** International Society of Precision Agriculture, USA.
- **AAAE:** Association for Agricultural Engineering, Bangkok, Thailand.
- **CIGR:** International Commission of Agricultural & Bio-System Engineering.
- **IEH:** Institution of Engineers Hong-Kong.
- **ASME-**American Society of Mechanical Engineers (**No.**101758468)
- ORCID ID: **0000-0002-6147-5136**
- **Researcher ID: B-3858-2014**
- **Vidwan.inflibneID:44658 Academia.edu/gopalushinde**

National Societies and Organizations:

- **IEI:** Institutions of Engineers India.(MIE- 514600)
- **A.I.E.** “Associate” Institution of Engineers Calcutta. (A/514600/4)
- **AMIE.** “Associate Member” Institution of Engineers (AUG2001)
- **MIE.** “Member of Institution of Engineers” (AUG2006)
- **FIE.** “Fellow Member of Institution of Engineers”
- **ISAE:** Indian Society of Agricultural Engineers. *As a Life-Member.* (LM-10605)

International Scientific Publisher’s editorial committee Experience

- **Associate-Editor**, BIOINFO Mechanical Engineering, *Bio-info* Publications, ISSN: 2277-3738 (Print),E-ISSN : 2277-3746 (Online) ;ISO9001:2008 ,Impact Factor Value (ICV) : **6.73** (2012).
- **International Editorial Board Member (2012-15)**, International Journal of Agricultural and Biological Engineering (IJABE, www.ijabe.org) is a peer reviewed open access international journal, ISSN 1934-6344 &e-ISSN 1934-6352, Average Citation per Item is 1.31,&h-index is 7.
- **Editorial Board Member** - International Journal of Materials Science and Engineering, **IJMSE** (<http://www.ijmse.net>), ET-Publications, ISSN2315-4527, Copyright ©2012-2013 Engineering and Technology Publishing.
- **Scientific Committee and Editorial Review Board** on Engineering and Physical Sciences, World Academy of Science , Engineering and Technology(WASET), OCLC-ID Number: 701027477;ZDB OPAC IDN: 997425644; OCLC-ID Number: 711803673, ZDB-ID, Number: 2519582-7; PISSN : 2010-376X, E-ISSN : 2010-3778.
- **Editorial Board Members:** Indian Journal of Advances in Computer Sciences and Technology (IJACST), ISSN 2347-3231GBS Publishers & Distributors (India)
- **Editorial Board Members:** International Association of Engineers, IA. Eng., ISSN: 1816-0948 (online version); 1816-093X (print version).

Reviewer

- International Journal of Agricultural and Biological Engineering (IJABE, www.ijabe.org) is a peer reviewed open access international journal, ISSN 1934-6344 and e-ISSN 1934-6352, Average Citation per Item is 1.31, and h-index is 7.

- International Conference on Food and Agricultural Sciences (ICFAS 2013) in Melaka, Malaysia during October 5-6, 2013. (IPCBEE, ISSN: 2010-4618).
- Asia Conference on Mechanical and Materials Engineering (ACMME 2013) in Wuhan, China. during October 8-9, 2013.[ISSN: 1660-9336, Trans Tech Publications]
- International Journal of Agricultural Science Research (ISSN 2327-3321).
- American Society of Agricultural and Biological Engineers (ASABE) USA.
- Institutions of Engineers India (IEI).

Session Chairman

- **Tokyo, JAPAN-2010**, World Academy of Science, Engineering and Technology (WASET), OCLC-ID Number: 701027477; ZDB OPAC IDN: 997425644; OCLC-ID Number: 711803673, ZDB-ID, Number: 2519582-7; P-ISSN: 2010-376X, E-ISSN: 2010-3778.
- **Rio de Janeiro, Brazil-2013**, World Academy of Science, Engineering and Technology (WASET), OCLC-ID Number: 701027477; ZDB OPAC IDN: 997425644; OCLC-ID Number: 711803673, ZDB-ID, Number: 2519582-7; P-ISSN: 2010-376X, E-ISSN: 2010-3778.
- **Bangalore, India**, 11th Indian Engineering Congress held at Bangalore, India. Theme: “Innovation Technology for Next Millennium” from 20/12/96 to 24/12/96.
- **Solapur, India**, State Level Symposium on “Human Resource Management by Zero Mismatch”-Organized by WIT Sholapur from 26/8/95 to 27/08/95.

Short Term Courses / Workshops/Training Program:-

- “Safety in metallurgical Industries” Conducted in SGGS College of Engg. & Technology, Nanded (M.S.) from 17/06/96 to 23/06/96.
- “Science & Technology of Engineering Materials” conducted by I.I.T. Kharagpur (W.B.) from 13/12/99 to 18/12/99.
- “Finite Element Analysis of Stiffened Structures” Conducted by I.I.T. Kharagpur from 20/12/99 to 24/12/99.
- “Advanced Sensors Technology & Industrial-Applications” Conducted by I.I.T. Kharagpur from 15/01/01 to 21/01/01.
- “Awareness of Patents” One-Day Workshop by S.R.T.M. University, Nanded on 25/02/04.
- “Industry–Institute Partnership” with Canada-India Co-operation Conducted by MIT Aurangabad under ISTE Chapter from 24/03/95 to 26/03/95.
- “Teachers training Program in Entrepreneurship” Conducted by MCED Aurangabad in Collaboration of DTE and Sponsored by NSTEDB & DST, from 10/07/95 to 17/07/95.
- “In-plant training in Maharashtra State Road Transport Corporation, Nanded (M.S.) India”, during management studies, from 21/06/96 to 06/08/96.
- “Pro-E wildfire3” Software training, at Rolta Software Pvt. Ltd Pune for One Week.
- 2nd International training course on “Agricultural Mechanization & Information -Technologies” 12-16, May 2014 at Menemen, Izmir Turkey.

Three Weeks (21-Days) training program (VNMKV-ICAR-Sponsored)

- “ANSYS Software Training in Extencore Software Pvt Ltd, PUNE” for CAD-Software from 1/06/08 to 26/06/08.

- “Development of Web Application for Agricultural Information Management”, 21days training program, ICAR sponsored Winter School organized by IASRI, New Delhi, from 19/11/13 to 09/12/13.
- “Application of Sensors, Nano-sensors, Wireless Sensor Network & Instrumentation in Precision /Conservation Agriculture” 21days training program, ICAR sponsored Winter School organized by CIAE-Bhopal, M.P., India from 3/12/14 to 23/12 /14

Graduate and Post Graduate Research Projects in Agricultural Engineering.

MGM’s College of Engineering Nanded affiliated to S.R.T.M. University Nanded.

Selected Postgraduate Projects in Mechanical Engg.

- PG Project on Total Productive Maintenance in Badve Engg. Pvt Ltd
- PG Project on Design and Development of test rig for contact deformation Analysis.

Selected undergraduate graduate Projects in Mechanical Engg

- Robots fabrication from scrap material for Material Handling and Inspection
- Automated Guided Vehicle (AGVs) for material handling systems in Agriculture.
- Explosive detecting micro robots in disaster management.
- Magnetic robot gripper design and development for sheet handling system in industry.

Selected Postgraduate Projects in Farm Machinery and Power Engineering.

- CAD/CAM/CAE Analysis of Rotavator
- Design and Development of Agricultural Laser Land Leveler
- Design optimization of tractor operated Boom Sprayer in ASPEE Mumbai
- Development of Chaff cutter cum Grinder Machine
- Design and Development of Engine Operated Trolley supported Earth Auger.

Selected undergraduate graduate Projects in Farm Machinery and Power Engineering

- Computer aided design and analysis of tillage tool: Cultivator
 - Computer aided design and analysis of Rotavator blades
 - Design and development of cultivator
 - Structural and Thermal analysis of turmeric blancher
 - Computer Aided Design Analysis of Stubble Collector
 - Design and fabrication of Mini Manual Boom Sprayer (MMBS)
 - Development of Multi-nuts sheller Machine
-