

**Dr. Mohite-Patil T. B.**

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**Educational Qualification:** Ph.D., ME (control), BE (ETX), DBM, LLB(I).

**Experience:**

- Working as a **DEAN Patenting** of D. Y. Patil College of Engineering and Technology.
- Worked as a **Principal** at Dr. D. Y. Patil Pratisthan's College of Engg Salokhe-Nagar Kolhapur for last 5 years with 29 years teaching and 5 years research experience in electronics field.
- Worked as a **contributory teacher for M.E. DYP CET/ M.Tech.** in Shivaji University Kolhapur.
- Worked as a **CAP director** for university examination.
- Founder Chairman of **KALA KRIDA SANSKRUTIK MANCH HARI-OM NAGAR** Kolhapur a regd. Society.
- Worked as member of **M.Tech admission committee** at Shivaji University Kolhapur.
- Member of **LIC committee** Shivaji University.
- Member of **LMC committee** D.Y. Patil college of Engg. Kasaba Bawada Kolhapur.
- Worked as **BOS member** of a) M. Tech. Shivaji University Kolhapur.  
b) Electronics Engineering branch Shivaji University Kolhapur.
- Worked as **BOS chairman** Electronics Engineering branch Shivaji University Kolhapur.
- Worked as **reviewer for research journal**.
- **Fifteen weeks of summer and winter schools training programs** are attended.
- Worked as first year **Admission coordinator** of college.
- Member of ISTE.
- Member of National cyber security cell.

**Contact No. 9822680982**

**Areas of Interest:** Power Electronics and control systems

**Memberships:** Life member of ISTE

**Courses Handled:** Power Electronics & drives Power Electronics, Electronics system design, Control system, Signals and systems

**Administrative Responsibilities:**

- Dean patenting,
- Web site updation committee co-ordinator
- NIRF Coordinator
- Technoutsav 2k19 co-ordinator

- AICTE EOA Coordinator
- Member of IQAC cell

### **Publications:**

- Papers in National and International Journals :- 50
- Papers in national and International conferences :-5
- Book Published: 'Industrial Electronics', Control System, Power Electronics Mahalaxmi Publications, Kolhapur.
- Research proposals filed:- 03 and MODROB proposal:- 01

### **Patents filed: 17**

### **Awards and Accolades:**

- National Merit scholarship at std. 7<sup>th</sup>
- Stood first in 30 High Schools at std. 10<sup>th</sup>
- Guided many projects like car hi-jack preventing system, green house automation, piston failure detecting system, milk management system, height measurement from photo copy, at B.E. and M.E. level
- Organized and attended many training programs to learn higher technology.
- Guiding 04 Ph. D. students.
- Mentor of a team which was selected in top ten teams in first Hackathon 2015-16. Organized by govt. of India.
- Designed and developed UPS
- Designed and developed quantization noise measurement unit by using digital synthesizer
- Designed and developed educational Kits for Industrial Electronics, Power Electronics and Digital Electronics labs.
- Designed and developed digital water level controller and temperature controller.
- Designed and developed 'AC calibrator'.
- Designed and developed fodder machine
- Technical consultant to: Universal power controls and an inverters, stabilizer manufacturing company and Renutron an ISO 9001 UPS manufacturing
- **Written about 30 poems in Marathi.**
- Experimenting new ideas in agricultural field like **vertical farming, hydroponic system**