

Dr. Vijay M Wadhai

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Date of Birth: 14th June 1961



AREA OF SPECIALIZATION

Artificial Intelligence in healthcare, Machine Learning, Deep Learning , VLSI Design, Cognitive Radio, Data mining, Cyber Security, Cancer Detection, Prevention & Prediction

PUBLICATIONS

21 Patents
8 Books/Chapters
200+ Research Papers in National/International Journals/conferences
Citation Index : 532
H Index : 12
i10 Index : 14

GUIDED PHD CANDIDATES

16 (11 Awarded , 5 in Progress)

AWARDS AND HONORS

- Award for incredible support Pradnya Chakshu (2016).Kshitij Foundation
- Yashodeep Award (2016). Deepstambh Foundation
- Indira Gandhi Gold Medal Award, 2015, GEPRAGlobal Economic Progress and Research Association—Gandhi Bhavan Bangalore
- Mahatma Phule, Dr, Ambedkar Samata Parva - April 2011
- Best Student Councilor for IEEE,2008, IEEE Bombay section
- IETE award,2003, IETE Mumbai Chapter
- Institute Engineer Award (IE), Nasik Institute, Nashik

INTERNATIONAL COLLABORATION

Automation Anywhere, USA, InTellee Information Technology, Canada, Cypress Semiconductor Corp., USA, Australian Institute of Water Sciences, Australia , Bentley Systems, Incorporated, USA, Magna KULI, Austria, IStructE, UK , IDP Education , SKODA International

OBJECTIVE

To contribute for vibrant learning environment by fostering innovation, incubation , creativity, experiential learning based on research to create next generation leaders at international level.

EXPERIENCE(33+ YEARS)

ACADEMICS AND ADMINSTRATIVE

Worked as chief academic, administrative, finance and strategic planning head in various institutes mentioned below.

- Principal & Professor, DY Patil College of Engineering, June 2018 till date)
- Principal & Professor, Trinity Academy of Engineering (2 Years)
- Principal & Professor, Sinhgad Technical Education Society (3 Years)
- Principal & Professor , MAEERS MITCOE Kothrud Pune (6 Years)
- Professor & HOD E&TC, METs Institute of engineering(2 Years)
- HOD &Asst.Professor,LokmanyaTilak College, Navi Mumbai(6 Years)
- HOD & VLSI Convener,VLSI Design Center in Terna EDA center, Mumbai(4.5 Years)
- Asst.Professor, BabasahebNaik College of Engg and polytechnic (4 Years)
- Asst.Professor,Government Polytechnic, Yavatmal(1 Year)
- HOD E&TC & Professor,College of Engineering, Jalgaon(2 Years)
- Experience of Institutional Autonomy, Accereditation, NBA, NAAC Quality Standard.

INDUSTRY

- Head VLSI Design Center in Terna EDA center, Mumbai
- Program Manager, SSGMC, Shegaon
- Worked as a Design Manager and VLSI Head.

EDUCATION

- PhD, Electronics and Telecommunication Engineering, SantGadge Baba Amravati University, Amravati. ,2007
- M.E, Power Electronics, Gulbarga University,Gulbarga, Karnataka, India. ,1995
- B.E,Electronics Engineering, Nagpur University, Nagpur,1986

EXPERIENTIAL LEARNING CENTRIC ACTIVITY

- Collaboration with IITs and other Eminent Institutes for soft skill development and technical skill enhancement of faculty and student.
- Special drive for enhancing Entrepreneurship through various Collaborative events and established incubation center.
- Established various R&D Labs, Centre of Excellence and Innovation centers to promote R&D culture in the organization
- Industry institute interaction is enhanced through collaboration with 300 + Industries of different domains.

DEMONSTRATED EXPERIENCE IN ACADEMIC LEADERSHIP

STRATEGIC PLANNING AND ADMINISTRATIVE ACTIVITY

- <https://www.dypcoeakurdi.ac.in/about-us/vision-mission-objectives>
- https://www.dypcoeakurdi.ac.in/images/Downloads/Academiccalender_AQAR.pdf
- <https://www.dypcoeakurdi.ac.in/governance/governing-body>
- <https://www.dypcoeakurdi.ac.in/governance/iqac>

BUILDING NEW LEADERS AND COLLABORATION

- https://www.dypcoeakurdi.ac.in/images/Downloads/2019/industry_handbook.pdf
- <https://www.dypcoeakurdi.ac.in/r-d>

FINANCIAL ACUMEN

- <https://www.dypcoeakurdi.ac.in/governance/iqac>

- Ensure effective planning and implementation of action plan for Vision and Mission of organization.
 - Ensuring long term and short-term development plan and setting up their process to be implemented.
 - Creation of perspective plan. Deciding policies and strategies of the organization as per perspective plan.
 - Ensuring fair and clean examination system by maintaining the transparency to ensure the trust of students.
 - Focus on Interdisciplinary Research and Engagement with the Industry
 - Institute corporate Affiliate Program
 - Implementation of Education Technology in Academic Processes
 - Contributing to sustainable development goal.
- (Annexure3.Academic Process Manual_DYPCOE)**
- Proper scheduling and conduction of the examination and strict monitoring and evaluation as per the direction of University is ensured that is taken care in AQAR.
 - Academic planning and academic audit for undergraduate and post graduate research and extension program

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- Recruitment for quality faculty and their appraisal system. To ensure the high-quality teaching learning process , strict recruitment process and appraisal system is deployed and monitored.
 - Conduction of Leadership training and mentoring programs to groom the faculty in technical and soft intelligence for effective academic activity.
 - Collaboration with national and international bodies. Demonstrating the quality leadership by creating the world class quality standard process through networking.
 - Integrating Industry and corporate culture in campus.(more than 250 MOU's has been signed with industry)

Annexure5-Self-Performance Appraisal form of Faculty
Annexure7.Industrial Collaborations

- Being the member secretary of the Governing Body , Processes of planning , budgeting and financing has been monitored precisely for maintaining the health of the institutions.
- Setting the target for monitoring and Evaluation
- Overseeing endowments, and creating financial plans at a time of economic uncertainty
- Resource Allocation and In year management

DEMONSTRATED EXPERIENCE IN ACADEMIC LEADERSHIP

COMMUNICATION WITH STAKE HOLDERS

- <https://www.dypcoeakurdi.ac.in/infrastucture/student-activities>

COMMITMENT TO DIVERSITY

- <https://www.dypcoeakurdi.ac.in/images/Downloads/2019/ActivityReportFeb2020.pdf>

ASSOCIATION WITH OTHER ORGANIZATIONS

PERSONALITY TRAITS

- Meet with faculty members, employees in support roles, donors, other senior leaders at the college, government officials, current students, prospective students, members of the community.
- Provide constructive and specific feedback.
- Strengthen the alumni network for enhancing the placement
- Various meeting and Events were conducted with the stake holders is seen in the Activity Report.

Annexure6-Activity Report_22th Apr 2020

- Preparing students for careers that increasingly require a global and multicultural perspective.
- Provide the appropriate support and make the necessary improvements to an institution's efforts in improving diversity through outreach to prospective students, on-campus activities, hiring and promotion practices, and long-term planning initiatives
- Extension Activity has been conducted and outreach to the community in unprivileged society, for eg. Visit to the lipracy home and extending the gesture of Humanity

- **Professional:** Associated As advisor and director to Parallel minds, Pune, Opulent Technology, Pune, TalentMAT, Pune. E&G Education, Nasik.
- **Social:** Associated with Aakar Foundation, Nagpur, Deesha Education Foundations, Deepstambha Foundation, Abhalmaya Oldage Home, Prayas-sevankur , Rotary Club of Pune Sinhgad road, Shivam Pratisthan, Karad, Crime Reduction with Maharashtra Pune Police for extension services.
- **Spiritual:** Ramkrishna Math, Pune, Art of living-for Spiritual Activity.

- Leadership
- Trustworthy
- Integrity
- Empathetic
- Inspiring
- Honest
- Committed

I hereby declare that all the above information is true to the best of my knowledge.

Dr.Vijay M Wadhai