

Profile of Prof.R.P.Borkar

Dr. Rewatkumar Borkar received Bachelor of Engineering in Civil Engineering, M.Tech. in Environmental Engineering from Visvesvaraya National Institute of Technology, Nagpur, and Ph.D. in Environmental Science and Engineering (CESE) from Indian Institute of Technology Bombay, Powai Mumbai. He is currently Principal at Govt. College of Engineering Nagpur since Oct.2021.

He has started his career as lecturer in Civil Engineering in KDK College of Engineering, Nagpur. He has worked as lecturer and head of department in Civil Engg at Govt. Polytechnics in Nagpur region. He worked as Associate Professor and Professor in Civil Engg at Govt. College of Engineering Amravati for 12 years. While working in Amravati, he worked as Dean (academics), Head of Civil Engg. Deptt, Head, Civil & Applied Mech. department, member on Academic council, Board of Management, Member-secretary of Building & Works committee at Govt. College of Engineering Amravati. Also worked as BoS and academic council member at Sant Gadgebaba (SGB), Amravati University Amravati. He has obtained patent on Innovative method of biodegradation of Chlorobenzenes using UASB reactor "Application No.392/MUM/2010A; Granted on 11/04/204 (Patent No. 260239).

He joined as Principal on 1 July, 2011 at Government College of Engineering, Jalgaon and worked till 29 July,2019. During that period, he worked on different academic positions such as BoS Chairman, RRC member, Academic council member, Building & Works committee members at Kavayitri Bahinabai Chaudhari North Maharashtra University (NMU) Jalgaon. He has done major academic reforms at Govt. College of Engineering, Jalgaon during his 8 years of tenure. He was instrumental to obtain the autonomous status to the institute in July 2014 from University Grants Commission, New Delhi and affiliated University, Jalgaon. Under his academic leadership, Govt. College of Engineering Jalgaon successfully implemented World Bank funded Technical Education Quality Improvement Program (TEQIP-II) from year 2012 to 2017. Also obtained accreditation for few courses from National Board of Accreditation, New Delhi and accreditation in year 2018 for whole institute with grade B+ from National Assessment and Accreditation Board (NAAC), Bangalore. With successful implementation of TEQIP-II project and based upon good academic record, Govt. College of Engineering Jalgaon selected in TEQIP-III by National Project Implementation Unit, MHRD New Delhi in year 2018. Thereby he successfully executed World Bank funded Technical Education Quality Improvement Programme (TEQIP)-II & TEQIP-III projects.

Later he worked as Principal at Government College of Engineering, Amravati (An autonomous Institute of Govt.of Maharashtra) from August, 2019 to September 2021. During that period, academic reforms taken place & campus wide Networking was strengthened. Also, under his supervision, two centers of excellence at Amravati were established and did NBA of Electrical UG deptt for 3 yrs, Civil and Mech B.Tech. received additional 1 year accreditation till June 2022 and received NAAC accreditation with B+ grade (2.68) for 5 yrs from NAAC Bangalore.

He worked as expert member appointed by UGC, New Delhi for conferring the autonomous status to Engineering colleges in different states. He is approved research guide at SGB Amravati University,

Amravati and KBCNMU Jalgaon and 2 Ph.D. students have completed their work under his supervision. He has published more than 40 research papers in various conferences and journals. He is fellow of IE (India) & life fellow of Indian Water Works Association (IWWA). He is associated with professional bodies and social organizations too. He worked as AICTE expert on various committees.

His interest in teaching at UG and PG level includes courses like Environmental Engineering, Advanced Wastewater Treatment, Industrial Wastewater Treatment, Hazardous Waste management, Solid Waste Management, Environmental Impact & Analysis. His research experience includes the use of advanced municipal wastewater treatment using tidal flow constructed wetland and heavy metals removal from industrial wastes by biosorbents. He is actively involved for reviewing the various referred journals papers and was evaluators of many Ph.D theses. He has participated in many Indian and international conferences, workshops and chaired the session at International Conference held at Sardar Patel College of Engineering, Andheri, Mumbai in 2012.

Dr.Borkar has prepared many academic reports which were useful for obtaining autonomous status, running the autonomy in the institutes and obtaining the research grants from AICTE. He was deputed by Govt. of Maharashtra under Technical Education Quality Improvement Programme (TEQIP) phase-II to study on **“Effective academia Leadership Strategies- a global perspective at University, Kota Damansara, Malaysia”** in 2013 and also deputed at National University of Singapore **“NUS Programme for Leadership in University Management in 2014”**.

At Govt College of Engineering, Nagpur through Institute Innovation Council (IIC) did many technical session/workshops and received appreciation letter from Ministry of Education, GoI with star rating of 3.5. Under Unnat Bharat Abhiyan, 6 projects handed over to rural areas which are very useful for community development. Entire college campus is wi-fi & having centralized computer centre with assistance of DPDC, Nagpur. CET lab/ learning centre is established with well-furnished 194 computers. Training and Placement activities, activities under student’s chapters i.e.IE,ISTE and BIS are enhanced and strengthened. Consultancy services and interactions between institutes and industries are enhanced. Under his leadership. College got accredited in 2024 (Grade B++, CGPA 2.93) from NAAC Bengaluru & NBA for civil Engg department. Govt. College of Engg Nagpur is continuously progressing under his guidance and decided to achieve autonomy from UGC immediately as soon become eligible to apply for autonomy.

Place: Nagpur

Date: 05 May,2025

(Prof.Rewatkumar Borkar)