



Dr. Prashant S. Bokare

B.E., M.E. (VNIT Nagpur), Ph.D. (IIT Guwahati)
Data Analytics, Machine Learning (IIM Raipur)

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Present Address
Gondwana University,
Gadchiroli,
Maharashtra, India.

Personal Details
Date of Birth -
23-11-1963
Gender - Male
Hobbies - Reading,
Singing, Badminton

About me

Holds **Ph.D.** in Traffic Engineering (Civil Engineering) from **Indian Institute of Technology Guwahati**, Guwahati, Assam, India and the certificate in Data Analytics and Machine Learning from **Indian Institute of Management Raipur**. Has $34\frac{1}{2}$ years of experience (**05 years as a Principal, 03 years as a Dean of School and 14 years as a Professor**). The technical focus area includes Traffic Simulation, Data Analysis using R and Python, Probability and Statistics, Data Mining, Deep Learning and Machine Learning.

Educational Qualifications

Examination / Degree	Board / University	Institute
Doctor of Philosophy, Ph.D. Civil Engineering	Indian Institute of Technology Guwahati, Assam, India	Indian Institute of Technology Guwahati, Assam, India
Post-Graduation, M.E. 1993, Civil Engineering	Nagpur University	Visvesvaraya National Institute of Technology, Nagpur (erstwhile VRCE)
Graduation, B.E., Civil Engineering Distinction Grade	Shivaji University, Kolhapur, Maharashtra	Walchand College of Engineering, Sangli, Maharashtra
Certificate course in Data Science and Machine Learning using R and Python 2020	Indian Institute of Management Raipur, India	Indian Institute of Management Raipur, India
Diploma in Civil and Rural Engineering 1984, Civil and Rural Engineering, Distinction Grade	Board of Technical Examinations, Maharashtra State	Civil and Rural Engineering Polytechnic Wardha Maharashtra
Secondary 1979, First Class, Science and Maths	Maharashtra State Board of Secondary and Higher Secondary Education, Pune, Maharashtra.	New English High School, Wardha, Maharashtra

Experience

University / Institution*	Post	Total Experience
OP Jindal University, Raigarh Chhattisgarh	Professor and Dean, School of Engineering	3 $\frac{1}{2}$ years
RSR Rungta College of Engineering and Technology	Professor and Principal	05 years
BD College of Engineering Sewagram Maharashtra	Professor, Dean Aca- demics, Other Designations	26 years
Total Experience including		34$\frac{1}{2}$ years

Apart from routine teaching and administration at OP Jindal University, Punjipathra Raigarh, Chhattisgarh, I am working in the field of **Traditional Industry** in Chhattisgarh.

Vision for Gondwana University Gadchiroli

- Hub of Rural and Tribal Technology
- Model College as a Lively Hood College
- Inclusion of Eco-Tourism in Curriculum
- Sports Activity Centre and the Sports Calendar
- Part-Time College for Rural Women

Following are the salient features of few of his recent engagements.

- I am working with the traditional industry in Chhattisgarh such as **KASA Utensils, KOSA Textile and Terracotta Pottery**.
- I have set up the Center of Excellence for **Traditional Knowledge, Technology, and Culture at the OP Jindal University**. Through which we approach the rural craftsman and try to understand the technology, market, economics and other allied aspects of these industries.
- We developed a concept of **Sustainable and MANagable Rural Technology (SMART)** for these traditional industries. We have designed;
 - Polishing and buffing machine for the **KASA utensil manufacturers**
 - Sensor Operated Hearth for Teracotta
- I have conducted about 25 webinars on **National Education Policy 2020** for the school and the college teachers.

- **His contribution to Women Empowerment**

- Concept of Part-time School for Girls
- Concept of Part-time college for Girls
- Two Programs of NCW

- His contribution during *Covid-19* is **20 webinars** (02 are on data science, **05 on Covid-19 and Data Analysis** and 13 on **National Education Policy 2020**), **01 patent applied** on refractory lining material, and **02 white papers** 01 on post Covid-19 preparedness and one on research agenda for post Covid-19 world.
- He have published 32 research papers in peer reviewed journals and delivered number of talks in conferences.
- He have guided eight research projects.
- He has completed research projects on 'Black Spot Identification for the Durg-Raipur Express Way'.

Achievements

- Citations - I have got 296 citations for my various research papers. One of the important contribution of my research is the formulation of the Acceleration and Deceleration models for various vehicles in India. The research has got wide citations across the globe.
- Citations

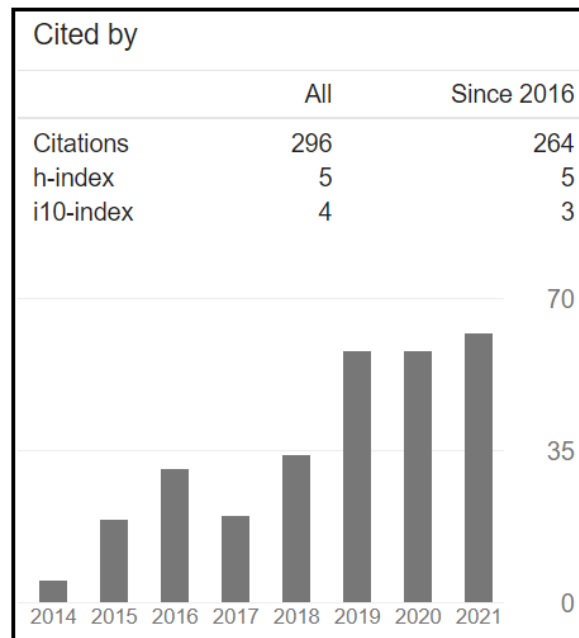


Figure 0.1: Google Citation Index
 (<https://scholar.google.com/citations?user=j5t-qyAAAAAJ>)

- Accreditation - I have lead various organizations to successful accreditation.