

Short Resume

Name: Vinayak Narayan Kulkarni	Present Post: Principal, Government College of Engineering Karad, Maharashtra
MSc (Engg): Department of Aerospace Engineering, IISc Bengaluru, India	PhD: Department of Aerospace Engineering, IISc Bengaluru, India

<p>Teaching</p> <ul style="list-style-type: none"> ✓ 08 UG Courses, 06 Advanced (PG) courses ✓ National Teaching @ IIT Guwahati, IIT Patna, NIT Shilong ✓ International Teaching @ University de Rennes-I (2016) ✓ 03 NPTEL Courses and 03 MOOCs courses ✓ Experience in online and offline teaching ✓ Delivered lectures for faculty development programs 	<p>Research guidance</p> <ul style="list-style-type: none"> ✓ 14 PhD scholars ✓ 43 M. Tech Students ✓ 04 MS(R) Students <p>Research areas</p> <ul style="list-style-type: none"> ✓ Force and heat transfer measurements ✓ Compressible flow solver development ✓ Energy harvesting ✓ Low speed aerodynamics
<p>Publications</p> <ul style="list-style-type: none"> ✓ 95 International/National journal publications ✓ 72 International conference/symposia/seminar presentations ✓ 31 National conference/symposia/seminars presentations ✓ 03 Book Chapters ✓ Honoured to deliver key note/invited lectures ✓ Some conference papers received best paper award 	<p>Sponsored projects / Industrial or Academic collaboration</p> <ul style="list-style-type: none"> ✓ 10 projects of ISRO/DRDO/ASEB/DST completed successfully ✓ 02 Ongoing projects of DST ✓ Doctoral thesis supervision of 02 PhD scholars from NAL and DRDO ✓ Research collaborations with IIT Bombay, IIT Kanpur, NIT Shillong, VNIT Nagpur, NIT Wanagal, SRM Amaravati, AP ✓ International collaboration with University de Rennes-I, France
<p>National Responsibilities</p> <ul style="list-style-type: none"> ✓ Chairman JEE (Advanced) 2021 IIT Guwahati Zone ✓ Conducted meetings of funding agencies like DRDO (2014) and DST (2017) ✓ Member of Funding agency, Combustion Detonations and Shock Wave (CDSW), DRDO (2023) 	<p>Institute Administration</p> <ul style="list-style-type: none"> ✓ Teacher and Mentor on deputation to IIT Patna (2008) ✓ Placement Coordinator IIT Guwahati (2019) ✓ Head Centre for Career Development (2020) ✓ Professor in-charge Legal Cell (2021-Till date)
<p>Department Administration</p> <ul style="list-style-type: none"> ✓ Coordinator M.Tech Projects (2010-2013) ✓ Secretary of Departmental Undergraduate Program Committee (2018-2020) ✓ Coordinated Undergraduate Course Curriculum Revision ✓ Coordinated development of New M.Tech Program (Aerodynamics and Propulsion) ✓ Laboratory Incharge of Subsonic Wind Tunnel (2017-Till date) ✓ Purchase of various research and teaching equipment ✓ Coordinating PhD admission test 	<p>Awards/ Recognition</p> <ul style="list-style-type: none"> ✓ MHRD Scholarship for MSc (Engg) and PhD @ IISc ✓ SERB (DST) Fast Track Project Proposal for Young Scientist (2012) ✓ CEFIPRA fellowship during sabbatical towards visit to University de Rennes-1, France (June-2015 to April 2016) <p>Experience</p> <p>Engineer, GE Bengaluru:- 30/07/07 to 16/05/08 Assistant Professor, IITG:- 13/06/08 to 27/01/15 Associate Professor, IITG:- 28/01/15 to 20/09/19 Professor, IITG:- 21/09/19 till date Principal: Government College of Engineering Karad, Maharashtra (7th December 2023- Till date, on Deputation)</p>