

Profile of Faculty

- 1) Name : **Dr. Ravindra Babu Yarasu**
 2) Designation : **Associate Professor (CAS)** in Mech. Engg., GCOE, Nagpur
 3) Date of Birth : 27/08/1970
 4) Unique ID : DTERBYM7001
 5) Contact : rbyarasu@gmail.com; Ph.8208918257



6) Education Qualification:

Sr. No.	Degree	Year of Passing	University	Class/ Division	Field of Specialization
1	B.E. (Mech)	1991	Andhra University, Visakhapatnam	First with Distinction	Mechanical Engineering
2	M.Tech.(Thermal)	1994	JNTU, Hyderabad	First with Distinction	Thermal Engineering
3	PhD (Aerospace)	2009	IISc, Bangalore	-	Premixed Combustion

PhD thesis title: Premixed turbulent combustion of producer gas in closed vessels and engine cylinder.

7) Work Experience (Teaching, Research, Industry, Others)

Sr. No.	Post held	Organization (Type- Teaching/Industry...)	From	To	Duration
1	Lecturer in Mech. Engg.	SES's COE, Kopargaon (Teaching)	10-08-1993	27-12-1995	2.4 years
2	Lecturer in Mech. Engg.	GP, Ahmednagar (Teaching)	28-12-1995	06-03-1996	0.2 years
3	Lecturer in Mech. Engg.	GCOE, Karad (Teaching)	07-03-1996	07-08-2008	12.5 years
4	Associate Professor (CAS)	GCOE, Amravati (Teaching)	08-08-2008	29-07-2016	8.0 years
5	Associate Professor (CAS)	GCOE, Nagpur (Teaching)	30-07-2016	Till to date	7.0 years

Total experience: Teaching - 30 Years; Other Experience - Nil

8) Area of Specialization: **Thermal Engineering, CFD Simulations**

9) Courses taught at Under Graduate/ Post Graduate:

Names of Courses taught	
Under Graduate	Post Graduate
1) Heat Transfer	1) Advanced Heat Transfer
2) Refrigeration and Air Conditioning	2) Advanced Computational Techniques
3) Computational Programming Methods	3) Heat Exchanger Design
4) Engineering Graphics	4) Advanced I. C. Engines

10) Research guidance (Number of Students): PhD completed - 5; PhD scholars registered - 2

11) No. of papers published in National/ International Journals/ Conferences: 55

	International Journals	National Journals	International conferences	National conferences	Total
No. of Papers →	31	01	15	08	55

12) No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.): Book chapter **1**

- G. Sridhar and **Ravindra Babu Yarasu** (2010). Facts about Producer Gas Engine, Paths to Sustainable Energy, Jatun Nathwani and Artie Ng (Ed.), ISBN: 978-953-307-401-6, InTech, Croatia, Dec. 2010, pp.537-560.

Access Link: <http://www.intechopen.com/articles/show/title/facts-about-producer-gas-engine>

13) Sponsored Research Projects carried out: 01 (TAPTEC)

14) Patents (Filed & Granted): 01 filed

15) Technology Transfer: 02 (UBA projects)

16) Expert Talks Delivered: 08