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Education

	Degree	Year	Institute	Specialization
1	Ph.D	2017	Jawaharal Nehru of Technological University, Anantapuram (JNTUA)	Thermal
2	M.Tech	2006	Vivesvaraya Technological University, Belgaum. (VTU)	Thermal
3	B.E.	1997	Bangalore University (BU)	Mechanical

Professional Experience

	Date (from-to)	Designation	Organization
1	20th July 2006 to till date.	Assistant Professor	Siddaganga Institute of Technology, Tumkur- 572103, Karnataka, India.
2	02-Sep-2002 to 12-Aug-2004	H.O.D	"Nadgir Polytechnic" Near Modi Eye Clinic Rajajinagar,

	(2 years)		Bangalore-560010 India. Ph: 23387333/ 23387347
3	Jan 1998 to 01 Sep 2002 (4.8 years)	Faculty (Teaching)	“B.I.I.T (Bangalore Institute of Information)” #274/1 14 th Cross, 2 nd Main, Above Post Office Behind Ganesh Temple, Thygarajanagar, Bangalore-560028 India.

(Please fill in reverse order. Current designation should be at the top)

Courses Taught

Undergraduate Courses

Sl No	Subjects	Mechanical Department
1	Engineering Materials	U.G
2	Strength of Materials	U.G.
3	Estimation and Costing	U.G.
4	Industrial Management	U.G
5	Fundamentals of Mechanical Engineering Science	U.G.
6	Basic Thermodynamics	U.G.
7	Applied Thermodynamics	U.G.
8	Finite Element Methods	U.G
9	Non-conventional energy sources.	U.G.
10.	Mechatronics	UG
11.	Power Plant Engineering	UG
12.	Computer Aided Engineering Graphics.	U.G.
13.	Computer Aided Machine Drawing	UG
14.	Energy Engineering	UG

Postgraduate Courses

Sl No	Subjects	Mechanical Department
1	Heat and Mass Transfer	M.Tech (Thermal Power Eng.)
2.	Advanced Power Plant Cycles	M.Tech (Thermal Power Eng.)
3.	Design of Theory and Steam Turbines.	M.Tech (Thermal Power Eng.)

Publications

Journals

1. T.K. Tharakeshwar, K.N. Seetharamu, B. Durga Prasad, Multi-objective optimization using bat algorithm for shell and tube heat exchangers, Applied Thermal Engineering, Elsevier, 110 (2017) 1029–1038.
2. Tharakeshwar T.K, K.N. Seetharamu, B.Durga Prasad, Bharath Kumar, “Optimization by using Bat algorithm on shell and tube heat exchangers”, Indian Journal of Advances in Chemical Science **S1** (2016) 1-5.

Conference Proceedings

- Presented paper in the National Conference on “Emerging Technologies in Mechanical Engineering for Sustainable Development” and awarded the certificate, 22nd and 23rd Dec 2006 S.R.K.R Engineering College, Bhimavarm , Andhra Pradesh.
- Presented paper in the National Conference on “Emerging Trends in Energy and Environment” and awarded the certificate, 18th and 19th Feb 2005 Sri Sai Ram Engineering College, Chennai.
- Tharakeshwar T.K , K.N. Seetharamu, B.DurgaPrasad, “Optimization using flower pollination for a shell and tube heat exchanger”, National conference on Emerging Trends in Mechanical Engineering, JNTUACE, Ananthapuramu,27 Aug 2016, page 46.
- Presented paper in the International Conference on “Computer Aided Engineering “ held at Githam Univeristy of Hyderabad from 10- 12 Dec 2015.
- Presented paper in the International Conference on “The Sixth International Congress on Computational Mechanics and Simulation” held at I.I.T, Bombay from 27 June -1 July 2016.
- Tharakeshwar T.K. K.N Seetharamu, “ Prediction of exit temperature of 1-2 pass cross flow shell and tube heat exchangers using ANN”, at

Kalaignarkarunanidhi Institute of Technology, Coimbatore, Tamilnadu. 23-24
March 2018.