

**Name of Teaching Staff** : Prof. Prashant Frank Crasta



**Designation** : Assistant Professor

**Department** : Mechanical Engineering

**Date of Joining the Institution** : 22.07.2013

**Qualifications with Class / Grade** : **M.Tech.**, Materials (Science) Engg, KREC, Mangalore University, 71%, I Class Distinction, 1994

**B.E.** Metallurgical Engg, KREC, Mangalore University, 67%, I Class, 1991.

**Total Experience in Years** : **Teaching: 5** years

Assistant Professor in D.J. Sanghvi College of Engg. from 22.07.2013 to till date..

Associate Professor SMVITM,Udupi From August 2012 to July 2013.

Associate Professor MIT-Kundapura From Sept 2011 to August 2012.

**Industry: 18** years

Manager, Mukand Ltd., Thane From Sept 1996 to August 2011

Engineer, Bhandary Industrial Metals Ltd. Goa From: August 1995 to August 1996.

Graduate Engineer Trainee Automotive Axles Ltd., Mysore,

From: August 1994 to August 1995 and Sept 1991 to June 1992

**Research** :

**Papers Published:**

**International: ---**

**National: ---**

P. Frank Crasta, S. C. Kuiry, Amit Ganguly, "Effect of Tempering on Destabilized Microstructure of Ni-Hard", in Transactions of Indian Institutes of Metals Vol. 52, No. 5, October 1999

Chirag Gandhi, P Frank Crasta, K N Vijay Kumar, "Improving Quality Parameters of Steel Balls Affecting Noise in Ball Bearing", International Research Journal of Engineering and Technology (IRJET) ISSN : 2395-0056, Volume 3, Issue 6, June 2016.

Chirag Gandhi, P Frank Crasta, K N Vijay Kumar, "Study of Vibration Generated in Steel Balls Creating Noise in Ball Bearings", International Research Journal of Engineering and Technology (IRJET) ISSN : 2395-0056, Volume 3, Issue 6, June 2016.

Kavita Thakur, P Frank Crasta, "Enhancing Ink Mileage", International Journal of Research in Engineering and Applied Science (IJREAS) ISSN : 2249-3905, Volume 6, Issue 6, June 2016..

Kavita Thakur, P Frank Crasta, "Utility of Six Sigma Application", International Research Journal of Engineering and Technology (IRJET) ISSN : 2395-0056, Volume 3, Issue 8, June 2016.

Prashant S Tripathi, P Frank Crasta, "Exploring Fatigue Behaviour of Connecting Rod made of Austempered Ductile Iron "( IRJET) ISSN 2395-0056 Vol. 4 Issue 4, April 2017

Prashant S Tripathi, P Frank Crasta, "A Review on Fatigue Behaviour of Connecting Rod made of Austempered Ductile Iron "( IRJET) ISSN 2395-0056 Vol. 4 Issue 5, May 2017

Omesh Manuja, Frank Crasta, Dr K N Vijaya Kumar "Multi Response Optimization of Machining Parameters in Spur Gear Hobbing Process by using Taguchi based GRA "( IJRMEE) ISSN 2349-7947 Vol. 4 Issue 5, May 2017

Omesh Manuja, Frank Crasta, Dr K N Vijaya Kumar "A Review on Multi Response Optimisation on Machining Parameters in Spur Gear Hobbing Process by using Taguchi based GRA "( IJRMEE) ISSN 2349-7947 Vol. 4 Issue 5, May 2017

**Papers Presented in**

**Conferences:**

**International: ---**

"Effect of Tempering on Destabilized Microstructure of Ni-Hard Ring Casting", in Asian Foundry Congress at Calcutta in 1999.

**National: ---**

“Effect of Tempering on Destabilized Microstructure of Ni-Hard Ring Casting”, in National Metallurgists Day at Jamshedpur in 1998.

“Optimization Techniques- A Review”, at MHSSCOE, Mumbai, 2014.

**PhD Guide? Give field &**

: Field: ----

**University**

University: ----

**PhDs / Projects Guided**

: PhDs : ----

Projects at Masters level: ----**04**

**Books Published / IPRs / Patents**

**Professional Memberships**

: --Life Member of Indian Society for  
Technical Education (ISTE)

**Consultancy Activities**

: --

**Awards**

: --

**Grants fetched**

: --

**Interaction with**

: --

**Professional Institutions**