

CURRICULUM VITAE

(June, 2015)

Name : **Abhijit Nag**
Present Position : Assistant Professor, Birla Institute of Technology, Mesra,
Ranchi, Jharkhand, India
Date of Birth : 28th December, 1978
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Professional Qualification:

M. E., 2006 :Engineering Mechanics, Bengal Engineering and Science University,
Shibpur.
Marks obtained: **79.94%** (1st Class)
B. E., 2002 :Mechanical Engineering, University of North Bengal.
Marks obtained: **79.86%** (1st Class)

Academic Qualification:

Higher Secondary (10+2), 1997: West Bengal Council of Higher Secondary
Education.
Marks Obtained: **76.30 %**(1st Class)
(Mathematics: 91%, Physics: 82%, chemistry: 68%)
Madhyamik (10 std.), 1995 : West Bengal Board of Secondary Education.
Marks Obtained: **82.78 %**(1st Class)
(Science Group: 92%)

Areas of interest : Fluid Drive & Control, Machine Design.

Research area : Design and analysis of hydrostatic transmission (HST) unit.

Experience : Teaching (January, 2012-July, 2015).

Publications :

- 1) **Nag A.**, Basu S, and Maiti R. (2008). Estimation of Stresses in Components and Gap in Active Contacts of Epitrochoid Generated Floating Axis ROPIMA type Hydrostatic Units- An FEM Approach, *In: Procd. of ICHP-08, Prague, Sep 29- Oct 01*, pp. 129-136.
- 2) **Nag A.** and Maiti R. (2013). Unification of epitrochoid origin profile design approaches for external lobed star member used in hydrostatic and gear units, *Mech Engg Sc, Proc IMechE*, 227(2), 299-310.
- 3) Maiti R., Das M. K., Sahoo V., Avula K. C., Anukaran A., Tolambia V. P., **Nag A.** (2015). Leakage Past Active Contacts in Involute and Cycloidal Gear Hydrostatic Units, *The Fourteenth Scandinavian International Conference on Fluid Power*, Tempere, Finland, May 20-22.

All the above details are true to the best of my knowledge and belief.