

## RECENT PUBLICATIONS:

- **Vinayak Ranjan** and M.K.Ghosh. Transverse vibration of spinning disk with attached distributed patch and discrete point masses using finite element analysis. *International Journal of Engineering, Science and Technology*, Vol. 1, No. 1, 2009, pp 74-89
- **Vinayak Ranjan** and M.K.Ghosh. Free vibration and stability analysis of a spinning annular circular plate . *Proceedings of International Conference, Vetomac-V, 27-28 August 2009, Wuhan, China*, pp 153
- Harsh Sharma and **Vinayak Ranjan**. Analysis of transverse vibration of rectangular plate with discretely attached point masses having rotary inertia, *Proceedings of International Conference, Vetomac-V, 27-28 August 2009, Wuhan, China*, pp 130.
- Keshav Mishra, Ravi Kumar, **Vinayak Ranjan**. Modification of fundamental vibration modes of circular plates with free edges using FEA. *Proceedings of National seminar on Recent Advances in Theoretical and applied Seismology, 27-28 March, 2009, ISM, India*
- Harsha sharma, **Vinayak Ranjan**. Analysis of Transverse Vibration of Rectangular plate with discretely attached point masses with Rotary Inertia. *Proceedings of National seminar on Recent Advances in Theoretical and applied Seismology, 27-28 March, 2009, ISM, India*
- **Vinayak Ranjan** and M.K.Ghosh. Free transverse vibration of annular Circular plate with elastically attached mass by Rayleigh Ritz Method, *Proceedings of National seminar on Recent Advances in Theoretical and applied Seismology, 27-28 March, 2009, ISM, India*
- **Vinayak Ranjan** and M.K.Ghosh. Free Vibration Response of Thin Plate With Attached Discrete Mass. *Proceedings of National Conference - Advances in Mechanical Engineering, 28-30 Oct. 2008, MIT, MANIPAL, India*

- **Vinayak Ranjan** and M.K.Ghosh. Transverse Vibration Of Thin Solid And Annular Circular Plate With Attached Discrete Masses, *Journal of Sound and Vibration* 292 (2006) 999–1003
- **Vinayak Ranjan** and M.K.Ghosh. Forced Vibration Response Of Thin Plate With Attached Discrete Dynamic Absorbers- *Thin Walled Structures*, UK 43(2005)1513-1533
- **Vinayak Ranjan** and M.K.Ghosh. *Vibration analysis of thin rectangular plate with added discrete masses and discrete patches- Advances in Vibration Engineering*, Vibration Institute of India (2005)

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- **Vinayak Ranjan** and Harsh Sharma , Free vibration analysis of rectangular plate with discretely attached point masses and patches for optimum sensor placements. *International Conference on Sensors and Related Networks, SENNET'09* VIT University, 07 to 10 December 2009, Vellore, India
- **Vinayak Ranjan** and M.K.Ghosh .Free vibration and stability analysis of a spinning annular circular plate” . *Fifth International Conference on Vibration engineering and Technology of Machinery*, 27-28 August 2009,Wuhan, China.
- **Harsh Sharma and Vinayak Ranjan.** Analysis of transverse vibration of rectangular plate with discretely attached point masses having rotary inertia, *Fifth International Conference on Vibration engineering and Technology of Machinery*, 27-28 August 2009,Wuhan, China.
- Keshav Mishra, Ravi Kumar, **Vinayak Ranjan.** Modification of fundamental vibration modes of circular plates with free edges using FEA. *National seminar on Recent Advances in Theoretical and applied Seismology*, 27-28 March,2009,ISM, India
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- **Vinayak Ranjan** and M.K.Ghosh. Free Vibration Response of Thin Plate With Attached Discrete Mass. *National Conference - Advances in Mechanical Engineering*, 28-30 Oct. 2008, MIT, MANIPAL, India