

Dr. S. K. Dwivedy

Professor

Education:

Ph. D. (2000) Mechanical Engineering, IIT Kharagpur

M. Tech. (1994) Mechanical Engineering (Spl. Machine Design and Analysis), REC Rourkela

B. E. (1991) Mechanical Engineering, University college of Engineering, Burla, Orissa

+2 Science: Government College Dhenkanal, Orissa

High School: Jatiya Vidya Niketan, Mahulpal, Dhenkanal, Orissa

Personal Webpage

Affiliate Lab: [Vibration and Acoustics Lab](#)

[Click here to view his personal webpage](#)

Professional Experience

- Professor, Department of Mechanical Engineering, IIT Guwahati, April 2008 – till date
- Visiting Professor, Institute of Computational Mechanics, University of Stuttgart, June-July 2005.
- Associate professor, Department of Mechanical Engineering, IIT Guwahati, October 2004-April 2008
- Assistant Professor, Department of Mechanical Engineering, IIT Guwahati, May 2000-October 2004.
- Sr. Lecturer, Department of Mechanical Engineering, IIT Guwahati, Oct 1999-May 2000

Research Interests

- Nonlinear Vibration
- Dynamic Analysis of Flexible Robotic Manipulator
- Vibration of Sandwich structures using active and passive elements
- Biomechanics (Hip Prosthesis)

Honors/Awards/Achievements

- National Rural Talent Search (NRTS) 1981-1984
- Junior Merit Scholarship 1985-1986
- Senior Merit Scholarship 1987-1991
- GATE scholarship 1992-1994
- Institute Scholarship (IIT Kharagpur) 1994 – 1999

Sponsored projects

Development of an adaptive P-refinement scheme for Finite element analysis: Aeronautical Development Agency, Bangalore, Investigators: Dr. U. S. Dixit and Dr. S.K.Dwivedy, (2001-2004).

Design Fabrication and Control of flexible manipulators, Department of Science and Technology, Investigator(s): Dr. S. K. Dwivedy and Dr. U. S. Dixit, (2003-2005)

Consultancy projects

- Balancing problem in the generator unit of Bottling plant (R. Tiwari, S. K. Dwivedy and D. Bordoloi)
- Preliminary investigation of Vibration problem in Penstock of Loktak Hydroelectric Power plant (NHPC), (Dr. S. K. Dwivedy, Dr. N. Sahoo, and D. Bordoloi)
- Vibration problem in the crusher unit of the Lafarge Umiam Mining Private Limited, Shella, Meghalaya (Dr. R. Tiwari, Dr. S. K. Dwivedy, and D. Bordoloi)
- Technical Assessment of the wind Turbine-cum-Water Pump System Developed by Mehtar Hussain (Dr. U. K. Saha, Dr. P. Mahanta, Dr. S. K. Dwivedy and P. Kalita)

List of Publications

A. International Journals

1. B. Pratiher and S. K. Dwivedy, Nonlinear Response of a Flexible Cartesian Manipulator Subjected to a Pulsating Axial Force, *Nonlinear Dynamics*, (Accepted for Publication)
2. B. Pratiher and S. K. Dwivedy, Nonlinear Vibration of a Magneto-Elastic Cantilever Beam with Tip Mass, *ASME, Journal of Vibration and Acoustics* (Accepted for publication).
3. B. Pratiher and S. K. Dwivedy, Nonlinear Vibration of a Single Link Viscoelastic Cartesian Manipulator, *International Journal of Nonlinear Mechanics* 43, 683-696, 2008.
4. S. K. Dwivedy, Srinivasulu. M, K. Sathis Narayan and A. Koushik, Dynamic analysis of composite flexible robotic manipulator with harmonic drives using finite element method, *Advances in Vibration Engineering* (Vol 8, No3/4 in press).
5. B. Pratiher and S. K. Dwivedy, Nonlinear dynamics of flexible single –link Cartesian Manipulator, *International Journal of Nonlinear Mechanics* **42**, 1062-1073, 2007.
6. B. Pratiher and S. K. Dwivedy, Parametric instability of a cantilever beam with magnetic field and periodic axial load, *Journal of Sound and Vibration*, **305**, (4-5), 904-917, 2007.
7. S. K. Dwivedy, Kiran C. Sahu and Sk. Babu, Parametric instability regions of three layered soft-cored sandwich beam using higher order theory, *Journal of Sound and Vibration*, **304**, 326-344, 2007.
8. S. K. Dwivedy and Hari Babu Bagudu, Longitudinal vibration of uniform and non –uniform rods using p-refinement, *Advances in Vibration Engineering*, Vol 7, no 2-3, pp 143-153.
9. S. K. Dwivedy and P. Eberhard, Dynamic analysis of flexible manipulators, *Mechanism and Machine Theory*, **41**, 749-777, 2006.

10. U.S. Dixit, R. Kumar, S. K. Dwivedy, Shape optimization of flexible robotic manipulator, ASME, Journal of Mechanical Design, **128**, 559-565, 2006.
11. R. Tiwari, S. Manikandan, S. K. Dwivedy, A review of the experimental estimation of the rotor-dynamic parameters of seals. *Shock and Vibration Digest*, **37**, 161-284, 2005.
12. S. K. Dwivedy and R. C. Kar, Nonlinear dynamics of a cantilever beam carrying an attached mass with 1:3:9 internal resonances. ♦ *Nonlinear Dynamics*, Vol. ♦**31**, no 1, pp 49-72, 2003.
13. S. K. Dwivedy and R. C. Kar, Simultaneous combination and 1:3:5 internal resonances in a parametrically excited beam-mass system. *International Journal of Nonlinear Mechanics*, Vol. ♦**38**, no 4, pp. 585-596, 2003.
14. S. K. Dwivedy and R. C. Kar, Nonlinear response of a parametrically excited slender beam carrying a lumped mass with 1:3:9 internal resonance, *Advances in Vibration Engineering*. Vol. **2**, no 3, pp 1-9, 2003.
15. S. K. Dwivedy and R. C. Kar, Simultaneous combination, principal parametric and internal resonances in a slender beam with a lumped mass: three mode♦♦♦ interactions. *Journal of Sound and Vibration* Vol. **242**, no 1 pp 27-46, 2001.
16. S. K. Dwivedy and R. C. Kar, Non-linear dynamics of a slender beam carrying a lumped mass under principal parametric resonances with three-mode interactions. *International Journal of Nonlinear Mechanics*, Vol. **36**, no. 6, pp. 927-945, 2001.
17. S. K. Dwivedy and R. C. Kar, Nonlinear response of a parametrically excited system using higher order multiple scales. ♦ *Nonlinear Dynamics*, Vol. **20**, no 2, pp 115-130, 1999.
18. S. K. Dwivedy and R. C. Kar, 1999, Dynamics of a slender beam with an attached mass under combination parametric and internal resonances, Part II: Periodic and Chaotic response. ♦ *Journal of Sound and Vibration*, Vol. **222**, no 2, pp 281-305, 1999.
19. S. K. Dwivedy and R. C. Kar, Dynamics of a slender beam with an attached mass under combination parametric and internal resonances, Part I: steady state response. *Journal of Sound and Vibration*, Vol. **221**, no 5, pp 823-848, 1999.
20. R. C. Kar and S. K. Dwivedy, Non-linear dynamics of a slender beam carrying a lumped mass with principal parametric and internal resonances. *International Journal of Nonlinear Mechanics*, Vol. **34**, no 3 pp. 515-529, 1999.

B. National Journals

1. M. Sivasankar, T. Benarjee, N. Ravikiran, D. Chakraborty and S. K. Dwivedy, Dynamic stress and Fatigue analysis of artificial hip prosthesis, Indian Journal of ♦ Biomechanics, Vol.1, no 1, pp 53-58, 2007.

◆◆ C. Publications in the Proceedings of the International Conferences:

1. B. Pratiher, B. Sankar, C. S.Gnanamurugan, G. K.George, S. Kasbekar, and S.K. Dwivedy, Dynamic Analysis of a Single Link Manipulator with Offset Payload Subjected to Two Frequency Parametric Excitations, *International Conference on Theoretical Applied Computational and Experimental Mechanics*, 27-29 Dec. 2007, Kharagpur (INDIA) (Paper No 330).
2. S.K. Dwivedy, Srinivaulu.M, K.Sathis Narayan and A. Koushik, Dynamic Analysis of Composite Flexible Robotic Manipulator with◆◆ Harmonic Drives Using Finite Element Method, Fourth International Conference on Vibration Engineering and Technology of Machinery, VETOMAC-4, 17-19 December 2007, Hyderabad, India.
3. Benarjee Tumma and S. K. Dwivedy, Fatigue and Residual Strength Degradation Model for Ti6-Al4-V Stem for Hip Prosthesis, Second International Congress on Computational Mechanics and Simulation, 8-10 December 2006, IIT Guwahati, India.
4. N. Mahendra, K. C.◆ Sahu and S. K. Dwivedy, Parametric Instability Regions of Sandwich Beams with Various Softcore and Skin Materials using Higher Order Theory, Second International Congress on Computational Mechanics and Simulation, 8-10 December 2006, IIT Guwahati, India.
5. Barun Pratiher and Sontosha Kumar Dwivedy, Parametric Instability of a Cantilever Beam With Magnetic Field And Axial Load, Second International Congress on Computational Mechanics and Simulation, 8-10 December 2006, IIT Guwahati, India.
6. Y. Srinivas, Niranjan Sahoo, S. K. Dwivedy, Flow Induced Vibration in a Penstock Pipe of a Hydraulic Power Plant, Second International Congress on Computational Mechanics and Simulation, 8-10 December 2006, IIT Guwahati, India.
7. M. Sivasankar, S. K. Dwivedy, D. Chakraborty, Fatigue Analysis of Artificial Hip Joints for Different Activities,◆ Second International Congress on Computational Mechanics and Simulation, 8-10 December 2006, IIT Guwahati, India.
8. S. K. Dwivedy, U. S. Dixit, V. R. Koushik and R. K. Ramanathan, Adaptive P-version finite element modeling of plane elasticity problem, *International Conference on Theoretical Applied Computational and Experimental Mechanics*, Dec. 2004, Kharagpur (INDIA).
9. ◆R.Kumar, S.K.Dwivedy, U.S.Dixit, Effect of rotation on free vibration of flexible cantilever beam with tip mass, *International Conference on Theoretical Applied Computational and Experimental Mechanics*, Dec. 2004, Kharagpur (INDIA).

10. Hari Babu Bagudu and S. K. Dwivedy, Longitudinal vibration of uniform and non-uniform rods using p-refinement, Third International Conference on Vibration Engineering and Technology of Machinery, *VETOMAC-3 and Asia-Pacific Conference on System Integrity and Maintenance-2004*, 6-9 December 2004, Delhi, (INDIA.)
11. Sk. Babu and S. K. Dwivedy, Parametric instability regions of a sandwich beam using higher order theory, Second International Conference on Vibration Engineering and Technology of Machinery, *VETOMAC-2*, 16-18 December 2002, BARC, Mumbai, (INDIA.)
12. G. Vedabhanu and S. K. Dwivedy, Nonlinear dynamics and control of a parametrically excited flexible robotic manipulator, Second International Conference on Vibration Engineering and Technology of Machinery, *VETOMAC-2*, 16-18 December 2002, BARC, Mumbai, (INDIA)
13. Sk. Karimulla, S. K. Dwivedy and U.S. Dixit, An efficient post-processing strategy for finite element analysis of heat transfer problems, CD Proceedings Recent trends in Heat and Mass Transfer, Jan. 6-8 (2002), IIT Guwahati (INDIA).
14. S. K. Dwivedy and R. C. Kar, Vibration control of a cantilever beam with internal resonances *ICTACEM, Dec. 2001, Kharagpur* (INDIA).
15. S. K. Dwivedy and R. C. Kar, Nonlinear response of a parametrically excited slender beam carrying a lumped mass with 1:3:9 internal resonances, *VETOMAC 1, October 2000, Bangalore* (INDIA).
16. S. K. Dwivedy and R. C. Kar, Tours breakdown route to chaos in a base excited cantilever beam with an attached mass under principal parametric and internal resonances. *ICTACEM, Dec. 1998, Kharagpur* (INDIA).

D. Publications in the Proceedings of the National Conferences:

1. S. K. Dwivedy and M. Srinivas, Parametric Instability Regions of a Soft-Cored Sandwich Beam with Magnetorheological Elastomer and Non-Conductive Skins, Presented in the 52nd Congress of the Indian Society of Theoretical and Applied Mechanics, December 14-17, 2007, B.N.M. Institute of Technology, Bangalore, India.
2. M. Sivasankar, T. Benarjee, N. Ravikiran, D. Chakraborty and S. K. Dwivedy, Dynamic stress and Fatigue analysis of artificial hip prosthesis, National Conference on Biomechanics, December 15-17, 2006, Bengal Engineering and Science University, Shibpur, West Bengal, India.

3. M. Sivasankar, D. Chakraborty, S. K. Dwivedy, Fatigue analysis of artificial composite hip joints, SBAOI Conference on Biomaterials, Tissue Engineering and Medical Diagnostics, February 24-26, 2006, IIT Delhi.



4. Satish Narayan. K and S. K. Dwivedy, Dynamic analysis of a flexible robotic manipulator for welding, Proceedings of the 50th Congress of◆ the Indian Society of Theoretical and Applied Mechanics, December 14-17, 2005, IIT Kharagpur, India, pp 287-293.
5. K.C. ◆Sahu and S. K. Dwivedy, Parametric instability regions of a sandwich beam using higher order theory, Presented in the 50th Congress of◆ the Indian Society of Theoretical and Applied Mechanics, December 14-17, 2005, IIT Kharagpur, India
6. B. Pratiher and S. K. Dwivedy, Nonlinear dynamics of robotic manipulator with flexible tendons, Proceedings of the 12th National Conference on Machines and Mechanisms (NACOMM-2005), 16-17 December 2005, pp 92-98.◆
7. S. Manikandan, R. Tiwari and S. K. Dwivedy, Identification of rotor dynamic parameters of seals using impact hammer method, Proceedings of the 12th National Conference on Machines and Mechanisms (NACOMM-2005), 16-17 December 2005, pp 384-390.
8. B. K. Patel, K. A. Krishna and S. K. Dwivedy, Vibration analysis of thin and thick plates using finite element techniques, Proceedings of the All India Seminar on Emerging Trends in Maintenance Management, 23-24 July 2005, Angul, India.
9. R.Kumar, S. K. Dwivedy and U.S.Dixit, Shape optimization of a flexible robot manipulator, *IPROM* 2005, IIT Kharagpur, February 2005.
10. R.Kumar, S.K.Dwivedy, U.S.Dixit, *Shape Optimization of a Cartesian Flexible◆◆◆ Manipulator*, 49th◆Congress of Indian Society of Theoretical and Applied Mechanics (ISTAM) 27th◆- 30th◆December 2004, NIT Rourkela.
11. M. SivaSankar, D. Chakraborty, S. K. Dwivedy, Finite element analysis of composite hip prosthesis, National Conference on Biomechanics, IIT Delhi, November 19-21, 2004.
12. Deep Singh, Ashish Singh and S. K. Dwivedy, Design and fabrication of a gripper for grasping irregular objects, National Conference on Machines and Mechanisms, *NaCoMM- 2003*, IIT Delhi (INDIA).
13. Gagan Saket, S. K. Dwivedy and D. Chakraborty, Design and fabrication of computer controlled four-wheeled mobile platform, National Conference on

- Machines and Mechanisms, *NaCoMM- 2003*, IIT Delhi (INDIA).
14. S. K. Banala, P. Dhanda, S. K. Dwivedy and U. S. Dixit, Design and fabrication of a low cost robot of industrial utility using mechatronics approach. *National Seminar on Recent Advances in Automation in Manufacturing*. 16th Feb. 2002, Mangalore (INDIA)
 15. D. K. Sinha and S. K. Dwivedy, Design and fabrication of a two framed mobile robot for uneven surface tracking and staircase climbing, Tenth *National Conference on Machines and Mechanisms, NaCoMM -2001, IIT Kharagpur* (INDIA).

E. Lecture Notes in Short term courses

1. Introduction to Kinematics, Dynamics & Control of Robotic Manipulator *Short Term Course for the Faculty of Technical Institutions on CAD, CAM & ROBOTICS. (ISTE & ICTE Sponsored)* 5th November 2001. Assam Engineering Institute Chandmari, Guwahati-781 003.
2. P-refinement and error analysis scheme in FEM and their application to stress analysis problems, *AICTE Sponsored Short-term course on Whole Field Stress Analysis by Experimental Techniques* NERIST Itanagar, 27th –31st October 2003.
3. Application of FEM to plane stress/plane strain problems, (b) Application of FEM to cold rolling process (c) Error Analysis in Finite Element Method, *QIP sponsored Short Term course on Application of Finite Element Method in Manufacturing*. IIT Guwahati, 16-20, February 2004.
4. Introduction to linear and Nonlinear Vibrations, *QIP sponsored Short Term course on Finite Element Analysis and Identification in Rotor-Bearing Systems* IIT Guwahati, 20-24, December 2004.
5. Linear and nonlinear Vibration of Mechanical Systems, *AICTE sponsored QIP short-term course on Finite Element Analysis and Signal Processing in Rotating Machineries*, December 19-23, 2005, IIT Guwahati.
6. Vibration Analysis for Turbo machines, *AICTE sponsored QIP short-term course on Industrial Applications of Turbo machinery*, 26-30 November 2007, IIT Guwahati.
7. Polymers in Medical Implants, *QIP sponsored Short Term course on Advanced Engineering Polymers* December 03-07, 2007.
8. Fatigue analysis of Hip Prosthesis, *QIP sponsored Short Term course on Introduction to Linear Elastic Fracture Mechanics*, March 03-07, 2008.

F. Technical Articles in the Students Magazine

1. R. Tiwari, S. K. Dwivedy and D.J. Bordoloi, Vibration Problems of the Primary Limestone Crusher Unit, a Case Study, Mechanika, Vol. III, 2008.

G. BOOKS/ EDITOR/LECTURE NOTES

1. Recent Advances in Computational Mechanics Vol.1 (Edts: S. K. Dwivedy and D. Maity), I.K. International, New Delhi, 2006, ISBN: 81-89866-17-6
2. Recent Advances in Computational Mechanics Vol.II (Edts: D. Maity and S. K. Dwivedy), I.K. International, New Delhi, 2006, ISBN: 81-89866-18-4
3. Lecture Notes on Dynamics of Machinery S.K. Dwivedy and R. Tiwari, QIP Center, IIT Guwahati
4. Vibration Engineering, Web based Course, National Programme on Technology Enhanced Learning (NPTEL); Developer: S. K. Dwivedy and R. Tiwari, 2007
5. Vibration Engineering (Video based Course, National Programme on Technology Enhanced Learning (NPTEL); Developer: S. K. Dwivedy and R. Tiwari, 2007
6. Lecture notes of the ISTE sponsored Short-Term course on Finite Element Analysis and identification of Rotor Bearing Systems, 2004. S. K. Dwivedy and R. Tiwari, QIP Cell, IIT Guwahati.
7. Lecture notes of the QIP sponsored Short-Term course on Application of Finite Element Method in Manufacturing, February 16-20, 2004, QIP Cell, IIT Guwahati

Reviewer of the journals

- Journal of Sound and Vibration
- International Journal of Mechanical Sciences
- Robotics and Computer-Integrated Manufacturing
- International Journal of Nonlinear Mechanics
- Communications in Nonlinear Science and Numerical Simulations
- International Journal of Robotics and Automation (Actapress)
- Information Sciences
- Nonlinear Dynamics
- Structural and Multidisciplinary Optimization (Springer)
- Mechatronics
- Journal of Zhejiang University-SCIENCE A
- Robotica

Ph.D. students

1. M. Sivasankar: Failure Analysis of Hip Prosthesis (Co-Supervisor: Dr. D. Chakraborty) (2001-2008)
2. Barun Pratihier: Nonlinear Dynamics of Flexible Cartesian Manipulator (Continuing since 2004)

12.	A. Koushik	Dynamic Analysis Of Composite Flexible Robotic Manipulator Using Finite Element Method	July 2006	
13.	Ajay Krishna	Finite element analysis of isotropic and composite thin plate using higher order shape functions	June 2005	
14.	Binod Patel	<u>Development of a p-refinement scheme For thick isotropic and laminated composite plate analysis</u>	June 2005	
15.	S.Manikandan	Identification of Seal dynamic parameters of rotor-bearing –seal systems	June 2005	Dr. R. Tiwari
16.	Hari Babu Bagudu	Adaptive p-refinement schemes for finite element analysis of structural elements	July 2004	
17.	T. Ramana Reddy	Finite element analysis of artificial hip joint	May 2004	Dr. D.Chakraborty
18.	G. Vedabhanu	Dynamic analysis of a flexible manipulator	April 2003	
19.	Shaik Babu	Study of parametric instability of sandwich beams	December 2002	
20.	Shaik Karimulla	Development of an adaptive p-refinement scheme for linear and non-linear finite element Analysis	February 2002	Dr. U. S. Dixit
21.	Thavva Subramanyam	Damage detection in FRP Laminated composites	December 2001	Dr. D.Chakraborty

B.Tech. students

Sl. No	Student(s)	Project-title	Year	Co-Guide
1.	A Vijay Anand and V. Uma Maheswar	Development of new prosthesis for stress shielding in hip prosthesis	2008	
2.	M. Nelson and B. Barun	Dynamic analysis and control of flexible manipulator for specific	2008	

		trajectory planning		
3.	N. Ravi Kiran, Prateek Prakash and Vidyasagar	Fatigue and contact analysis of hip prosthesis	2007	
4.	Deep Singh and Ashish Singh	Design and fabrication of a modular mobile robotic platform	2005	
5.	Om Prakash	Design and Control of flexible manipulator	2005	Dr. U.S. Dixit
6.	Gagan Saket	Design and fabrication of a computer controlled mobile platform	2003	Dr.D.Chakraborty
7.	Atul Rawat	Design, fabrication of an electronic cam mechanism and the study of cam mechanism and their shape optimization	2002	
8.	Mayank Singhai and Ashutosh	Dynamics and control of a flexible robot arm with multi- fingered gripper for handling objects of irregular shapes.	2002	
9.	Krishna Murari and Sikandar Kumar	Design of genetic fuzzy-system for optimal path and gait planning for a six-legged mobile robot	2002	Dr.D.Chakraborty
10.	Dhirendra Kumar Sinha	Design and fabrication of a three framed mobile robot	2001	
1.	Peeyush Agarwal	Dynamic analysis of a friction oscillator	2001	Dr. N.K. Chandiramani
2.	Rahul Balyan	Kinematic, dynamic and value analysis of a cylindrical robot	2001	Dr. U. S. Dixit
3.	S. K. Banala and P. Dhanda	Design and fabrication of a robot of industrial utility	2001	Dr. U. S. Dixit

Summer Project				
Sl. No	Name of Students	Institute	Topic	Period
1	Gregory K. George Sameep Kasbekar B. Shankar C.S. Gnanamurugan	National Institute of Technology, Tiruchirappalli 620 015	Nonlinear dynamics of a cantilever beam with two frequency excitation	11 th May 2007-10 th June 2007
2	G. Gautam	Assam Engineering College	Nonlinear dynamics of robotic manipulator	May-June 2004

			with flexible tendons	
3	Abhishek Garg Abhijeet Rai Nilam Sanjib Roy	National Institute of Technology, Tiruchirappalli 620 015	Linear and nonlinear Vibration of SDOF systems	May-June 2003

Other Responsibilities

- ❖ Member of the Editorial Board of the Indian Journal of Biomechanics.
- ❖ Faculty in-charge of Vibration and Acoustic Lab since 2002
- ❖ DPPC Secretary and member of IPPC, Mechanical Engineering Dept. IIT Guwahati (June 2004-tilldate)
- ❖ Convener of Department Faculty Affairs Committee
- ❖ Coordinator AIEEE08 Counseling at IIT Guwahati (NIT Silcher Extension Center)
- ❖ Joint Convener of the 2nd International Congress on Computational Mechanics and Simulation (ICCMS06) 8-10 December 2006, IIT Guwahati (Co-Convener: Dr. D. Maity)
- ❖ Co-coordinator of ISTE sponsored short-term course on Finite Element Method and Identification of Rotor Bearing System, 20-24 Dec 2004. (Co-coordinator: Dr. R. Tiwari)
- ❖ Coordinator in QIP Sponsored Short-Term course on Application of finite element Method in Manufacturing 16th –20th February 2004, Mechanical Engineering Dept. IIT Guwahati (Co-coordinator: Dr. U.S.Dixit)
- ❖ External Examiner of PhD thesis of Dipali Thakkar: Helicopter vibration reduction using single and soft piezoceramic shear induced active blade twist, Department of Aerospace Engineering, Indian Institute of Science, Bangalore, August 2005.
- ❖ DUPC member, Mechanical Engineering Dept. IIT Guwahati (2001-2004)
- ❖ Steering committee member and treasurer in the National Symposium on Rotor Dynamics, Dec-2003
- ❖ ♦ Technical committee member of ISTAM 2002, IIT Guwahati.
- ❖ Coordinator for review of papers at IIT Guwahati for NACOMM 2003, IIT Delhi,
- ❖ ♦ Member of the organizing committee of International Symposium on Heat and Mass transfer 2001.

Contact Details

Dr. S.K.Dwivedy

Dept. of Mechanical Engineering,
IIT Guwahati,
Tel: +91-361-2582670

E-mail: dwivedy@iitg.ernet.in