

Name : **Dr. Himanshu Chaudhary**

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Research Interest:

Multibody System Dynamics, Agriculture Machineries, Dynamic Balancing and Optimization of Machines and Mechanisms including Robotic Systems

Dr. Himanshu Chaudhary is Associate Professor in Mechanical Engineering at Malaviya National Institute of Technology Jaipur (Rajasthan, India), where he has been teaching Computer Aided Design, Theory of Machines and Mechanisms, Optimization Methods for Engineering Design, and Machine Design. He received his B.E. from Rajasthan Technical University Kota (erstwhile Engineering College Kota) and M.Tech. from Indian Institute of Technology (IIT) Kanpur both in Mechanical Engineering. He received his Ph.D. from Indian Institute of Technology (IIT) Delhi in 2007. His research interests include Multibody System Dynamics, Dynamic Balancing and Optimization of Machines and Mechanisms including Robotic Systems. He has about 100 journal and conference publications in his credit. Springer Verlag published his book "Dynamics and Balancing of Multibody Systems" under series Lecture Notes in Applied and Computational Mechanics, Vol. 37, ISBN 978-3-540-78178-3, 2009.

Curriculum vitae

1. Qualification

Degree	Institution/ University	Subjects/Specialization	% of marks/CPI	Year	Remarks
Secondary School Exam	Board of secondary education, Rajasthan	Physics, Maths, Chemistry	64.40	1983	First Division
Higher Secondary School Exam	Board of secondary education, Rajasthan	Physics, Maths, Chemistry	79.75	1984	First Div. with distinction in physics, chemistry & Maths
First year T.D.C.	University of Rajasthan	Physics, Maths, Chemistry	86.44	1985	-
Second year T.D.C.	University of Rajasthan	Physics, Maths, Chemistry	75.33	1986	-
B.E. (Mech. Eng.)	Engineering College Kota (Raj.)	Mechanical Engineering	71.33	1990	First Division with Honours
M.Tech. (Mech. Eng.)	Indian Institute of Technology (IIT) Kanpur	Design and Solid Mechanics (Mech.	8.86/10	2000	-

		Eng.)			
Ph.D. (Mech. Eng.)	Indian Institute of Technology (IIT) Delhi	Dynamics Analysis and Minimization of Inertia Forces	9.00/10	2007	Mechanisms and robotics

2. Job Experience

Duration	From	Organization	Position	Responsibility
1+	2018	MNIT Jaipur	Professor	Teaching/Research/Consultancy
10	2018	MNIT Jaipur	Associate Professor	Teaching/Research/Consultancy
3 yr	2008	MNIT Jaipur	Reader	Teaching/Research/Consultancy
6yrs	Jan 2000	MLV Textile & Eng. College Bhilwara	Lecturer(Senior Scale)	Teaching/Research/Consultancy
8yrs	Jan 1992	MLV Textile & Eng. College Bhilwara	Lecturer	--do--

3. Administrative and Organizing Experience

Duration	Position	Responsibility
13-60-2022 to	Head of Departemnt, MNIT Jaipur	Academic and administration of the department
1-6-2016 to till date	Associate Dean, Academic	Academic administration of Undergraduate study
1-6-2015 to 1-6-2016	Central Library Coordinator	All the library activities including digital library, planning, purchasing, and modernizing
May 2013	Member, scrutiny Committee	Faculty recruitment at NIT Delhi
11-7-2013	Member, Panel of Interviewers	Conduction walk-interviews for guest faculty, Maths Dept.
2013	Member, Reception, accommodation for VIPs, Convocation 2013	Reception, accommodation for VIPs
2012-13	DREC member for MTech Design	Examining progress report of ongoing PhD scholars
2012-13	MTech (Design Engineering) Coordinator	Program Coordinator
2012	CCMT 2012, National Core Committee member	Conduction of PG admission to 20 NITs
2008-2015	OCTT	Departmental Time Table Incharge
2008-2012	Hostel Warden: 05-08-2008 to 20-10-2012	Warden of H8
2001-3	Institute Building/Maintenance in Charge	Making policy and implementation through engineering wing
2001-3	Hostel Warden	Warden
2000-3	President of Institute officer-staff Association	Staff welfare, personnel grievances of staff members
1994-2003	Member Institute cultural committee	Controlling and organizing student's functions
1998	Syllabus committee member	Framing of the syllabus of B.E. (Textile Eng.) for Faculty of Engineering University of Rajasthan
1998	Convener of institute decade function	Celebration of decade function

4. Professional Achievements

5.

A publication list of Himanshu Chaudhary

A) Book

1. **Chaudhary H., Chaudhary K., 2015, “Design of Reactionless Mechanisms Based on Constrained Optimization Procedure” Book Chapter- Springer International Publishing Switzerland 2016, D. Zhang, B. Wei (eds.), Dynamic Balancing of Mechanisms and Synthesizing of Parallel Robots, DOI 10.1007/978-3-319-17683-3_11, ISBN 978-3-319-17682-6, pp. 273-298.**
2. **Chaudhary H. and Saha S.K., 2009, Dynamics and Balancing of Multibody Systems. Published by Springer Verlag, Germany, ISBN 978-3-540-78178-3; e-ISBN 978-3-540-78179-0; under series Lecture Notes in Applied and Computational Mechanics, Vol. 37; pages 176**
3. **Chaudhary H. and Saha S.K., 2013, Dynamics and Balancing of Multibody Systems. Published by Springer (India) Private Limited New Delhi, ISBN 978-81-322-1102-0; under series Lecture Notes in Applied and Computational Mechanics, Vol. 37; pages 176, First India Reprint 2013**
4. **Chaudhary H. and Mittal M.L., 2010, Proceeding of the 10th National Conference on Industrial Problems on Machines and Mechanisms (IPRoMM 2010), December 17-180, 2010, ISBN No. 978-81-908723-4-8**

B) Articles in Refereed Journals

1. Chitresh Nayak, Amit Singh, Himanshu Chaudhary. (2016) Pressure distribution at lower limb/prosthetic socket interface. *International Journal of Pharma and Bio Sciences*,7 (3): (B) 1258 – 1262
2. Chitresh Nayak, Amit Singh, Himanshu Chaudhary. (2016) Topology Optimization of Transtibial Prosthesis Socket using Finite Element Analysis. *International Journal of Biomedical Engineering and Technology* (In Press)
3. Chitresh Nayak, Amit Singh, Himanshu Chaudhary and Abhishek Tripathi. (2016) A novel approach for customized prosthetic socket design. *Biomedical engineering applications, basis & communications*, 28 (3): 1650022 (1-10)
4. Kailash Chaudhary and Himanshu Chaudhary, 2015, “Optimal Design of Planar Slider-crank Mechanism Using Teaching-learning-based Optimization Algorithm”, *Journal of Mechanical Science and Technology*, ISSN: 1738-494X, 29(12), 5189-5198. Springer and Korean Society of Mechanical Engineers, South Korea.
5. Kailash Chaudhary and Himanshu Chaudhary, 2015, “Optimal Dynamic Design of Planar Mechanisms using Teaching-learning-based Optimization Algorithm”, *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, ISSN: 0954-4062, accepted. Sage Publications Ltd., England.
6. Kailash Chaudhary and Himanshu Chaudhary, 2015, “Dynamic balancing and link shape synthesis of slider-crank mechanism for multi-cylinder engines,” *International Journal of Mechanisms and Robotic Systems*, ISSN online: 2047-7252, ISSN print: 2047-7244, Inderscience Publication, Switzerland, Accepted
7. Kailash Chaudhary and Himanshu Chaudhary, 2015, “Optimal dynamic balancing and shape synthesis of links in planar mechanisms,” *Mechanism and Machine Theory*, **93**, pp. 127-146; ISSN: 0094-114X; <http://dx.doi.org/10.1016/j.mechmachtheory.2015.07.006> 0094-114X/
8. Kailash Chaudhary and Himanshu Chaudhary, 2014, “Dynamic Balancing of Planar Mechanisms Using Genetic Algorithm,” *KSME and Springer Journal of Mechanical*

Science and Technology 28 (10) (2014) 4213~4220, DOI 10.1007/s12206-014-0934-4,ISSN1738-494X.

9. Kailash Chaudhary and Himanshu Chaudhary, 2015, "Shape Optimization of Dynamically Balanced Planar Four-bar Mechanism", *Procedia Computer Science*, 57, pp. 519-526. ISSN: 1877-0509, DOI 10.1016/j.procs.2015.07.378., Elsevier
10. Kailash Chaudhary and Himanshu Chaudhary, 2014, "Optimum Balancing of Slider-crank Mechanism using Equipomental System of Point-masses", *Procedia Technology*, 14, pp. 35-42. ISSN: 2212-0173. DOI 10.1016/j.protcy.2014.08.006.,Elsevier
11. Vinay Gupta, Himanshu Chaudhary and Subir K. Saha, 2015, "Dynamics and actuating torque optimization of planar robots," *KSME and Springer Journal of Mechanical Science and Technology* 29 (6) (2015) 1~6, DOI 10.1007/s12206-013-0913-y, ISSN1738-494X.
12. **Chaudhary H.**, Saha S.K., 2008, "Balancing of Shaking Force and Shaking Moment for Planar Mechanisms Using the Equipomental Systems," *Mechanism and Machine Theory*, **43**(3), pp. 310-334; ISSN: 0094-114X; doi:10.1016/j.mechmachtheory.2007.04.003
13. **Chaudhary H.**, Saha S.K., 2008, "An Optimization Technique for the Balancing of Spatial Mechanisms," *Mechanism and Machine Theory*, **43**(4), pp. 509-522; ISSN: 0094-114X;
14. **Chaudhary H.**, Saha S.K., 2007, "Balancing of Four-bar Linkages Using Maximum Recursive Dynamic Algorithm," *Mechanism and Machine Theory*, **42**(2), pp. 216-232; doi:10.1016/j.mechmachtheory.2006.02.008;
15. **Chaudhary H.**, Saha S.K., 2007, "Constraint Force Formulation for Closed-loop Systems Using Two-Level Recursions," *Trans. Of ASME, Journal of Mechanical Design*, **129** (12), pp 1234-1242., DOI: 10.1115/1.27 ;ISSN 1050-0472; eISSN 1528-9001.
16. **Chaudhary H.**, Saha S.K., 2007, "Dynamic Performance Improvement of a Carpet Scrapping Machine," *NISCAIR Journal of Scientific & Industrial Research*, **66**(12), 1002-1010; ISSN 0022-4456; ISSN (online) 0975-1084.
17. **Chaudhary H.**, Saha S.K., 2006, "Optimal Design of an Indian Carpet Weaving Loom Structure," *NISCAIR Journal of Scientific & Industrial Research*, **65**(05), 410-415; ISSN 0022-4456; ISSN (online) 0975-1084.

C) Published contributions to Refereed conferences

1. Ramanpreet Singh, Himanshu Chaudhary, Amit Kumar Singh , "Sagittal Postion Analysis of Gait Cycle for a Five Link Biped Robot" , *Proceedings of the 28th International Conference on CAD /CAM. Robotics and Factories of the Future (CARs & FoF) 2016* by Springer at College of Engg & Management Kolagat, West Bengal 06-January to 08-January, 2016 ISBN: 978-81-322-2738-0 , pp. 387-396
2. Devi Singh Kumani and Himanshu Chaudhary, 2016, "Point Mass Models for Dynamic Balancing of Industrial Manipulators Using Genetic Algorithm," *Proceedings of the 28th International Conference on CAD /CAM. Robotics and Factories of the Future (CARs & FoF) 2016* by Springer at College of Engg & Management Kolagat, West Bengal 06-January to 08-January, 2016 ISBN: 978-81-322-2738-0, pp. 287-297
3. Devi Singh Kumani, Himanshu Chaudhary, 2015, "Hexahedron Point Mass Model and Teaching Learning Based Optimization for Balancing of Industrial Manipulators" 2nd International and 17th National Conference on Machines and Mechanisms (iNaCoMM2015), December 16-18, 2015, December 16-18, 2015, IIT Kanpur, pp. 28-36
4. Devi Singh Kumani, Himanshu Chaudhary, 2015, "Dynamic Balancing of Industrial Manipulators Using Octahedron point-mass Model," *International Conference on Advances in Materials and Product Design (AMPD 2015)*, January 10-11, 2015, NIT Surat, pp.1-8, ISBN 978-93-5196-956-3.

5. Kailsh Chaudhary, Himanshu Chaudhary, 2015, "Optimum Dynamic Balancing of a Planar Five-bar Mechanism Using Genetic Algorithm," International Conference on Advances in Materials and Product Design (AMPD 2015), January 10-11, 2015, NIT Surat, pp-73-80, ISBN 978-93-5196-956-3.
6. Chitresh Nayak, Amit Singh, Himanshu Chaudhary, 2014, "Customised prosthetic socket fabrication using 3D scanning and printing" International Conference on Additive Manufacturing Technologies, AM-2014, September 1- 2, 2014, Nimhans Convention Center, Bangalore, India, AM 14-13.
7. Chitresh Nayak, Amit Singh, Himanshu Chaudhary,2014," A Review on Stump-Socket Interface Pressure Distribution" the National Conference on Bio-Mechanical Science (NCBMS) 2014 organised by Siksha 'O' Anusandhan University, Bhubaneswar on 7th and 8th March 2014, pp 253-258, ISBN: 978-93-82332-86-2, Published by I.K. International Publishing House Pvt. Ltd.
8. Kailash Chaudhary, Himanshu Chaudhary, 2013, " Kinematic and Dynamic Analyses of Stephenson Six-bar Mechanism Using HyperWork®," Altair Technology Conference, Altair Engineering India Pvt. Ltd, Pune, July 18-19, 2013.
9. Chitresh Nayak, Amit Singh, Himanshu Chaudhary,2013, "Using Reverse Engineering and Rapid Prototyping to Compare the Comfort Level of PTB and TSB Socket Design for lower limb prosthesis," International Conference on Additive Manufacturing Technologies, AM-2013, October 7-8, 2013, Nimhans Convention Center, Bangalore, India, AM 13-26.
10. Kailash Chaudhary and Himanshu Chaudhary, 2013, "Minimization of Shaking Force and Shaking Moment in Multi-loop Planar Mechanism," Proc. of 1st International and 16th National Conference on Machine and Mechanisms (iNaCoMM2013), IIT Roorkee, Dec. 18-20, 2013, pp. 346-352.
11. Vinay Gupta, S. K. Saha, Himanshu Chaudhary, 2013, "Dynamics of Serial-chain Multibody Systems using Equipomental Systems of point-masses," Proc. of International Conference ECCOMAS Multibody Dynamics 2013, 1-4 July, 2013, pp. 741-749, University of Zagreb, Croatia, ISBN: 978-953-7738-22-8
12. Vinay Gupta, Himanshu Chaudhary, S. K. Saha, 2013, "Dynamics of a Spatial Multibody System using Equipomental System of Point-masses," Proc. of 1st International and 16th National Conference on Machine and Mechanisms (iNaCoMM2013), IIT Roorkee, Dec. 18-20, 2013, pp. 397-403.
13. Kailash Chaudhary and Himanshu Chaudhary, 2013, "Concept of Equipomental System for Dynamic Balancing of Mechanisms," Proc. of International Conference on Automation and Mechanical Systems (ICAMS 2013) held at Lingaya's University, Faridabad, Haryana, India, March 21-22, 2013, pp.124-132, ISBN No. 978-81-909732-9-8.
14. Shringi Vikas, Gupta Yashivin, **Chaudhary H.** and Mittal M.L., 2010, "Design Improvement in Tricycle Used for Physically Challenged People", Proc. Of the 10th National Conference on Industrial Problems on Machines and Mechanisms (IPROMM2010) held at MNIT Jaipur, December 17-18, 2010, pp.153-157, ISBN 978-81-908723-4-8.
15. Pawar Pankaj, Kumar M. Anil, **Chaudhary H.**, Saha S. K. , Arvindan S., Gupta Raj Kumar, Sharma Mangal, 2009, "Design Improvement of Metallic Weaving Loom", Proc. Of the National Conference on Industrial Problems on Machines and Mechanisms (IPROMM2009) to be held at IIT Madras from July 10-11,2009
16. **Chaudhary H.**, Saha S.K., 2007, "Minimization of Constraint Forces in Industrial Manipulators," Proc. Of the IEEE International Conference on Robotics and Automation (ICRA 2007), April 10-14, 2007, Roma (Italy), pp. 1954-4641, Print ISBN 1-4244-0601-3.

17. **Chaudhary H.**, Saha S.K., 2006, "Equipomental Systems and its Applications," Proc. Of the ASME 8th Biennial ASME Conference on Engineering Systems Design and Analysis (ESDA2006), July 4-7, 2006, Torino (Italy), Vol 2006, pp 33-42.,ISBN ISBN: 0-7918-4250-9
18. **Chaudhary H.**, Saha S.K., 2006, "Constraint Force Formulation for Industrial Manipulator," Proc. Of IEEE/RSJ International Conference on Intelligent Robots & Systems (IROS2006), ISBN 1-4244-0259-X, Beijing (China), pp.1498-1503, ISBN 1-4244-0259-X.
19. **Chaudhary H.**, Saha S.K., 2005, "Matrix formulation of Constraint Wrenches for Serial Manipulators," Proc. Of the IEEE International Conference on Robotics and Automation (ICRA 2005), April 18-22, 2005, Barcelona (Spain), pp.4647-4652, ISBN 0-7803-8914-X .
20. **Chaudhary H.**, Saha S.K., 2005, "Analyses of Four-bar Linkages Through Multibody Dynamics Approach," Proc. Of the National Conference on Machines and Mechanisms (NaCOMM2005), December 17-19, 2005, IIT Guwahati, pp. 45-52.
21. **Chaudhary H.**, Saha S.K., 2005, "Devices and Machines in Handmade Carpet Manufacturing," Proc. Of the 14th ISME International Conference on Mechanical Engineering in Knowledge Age, December 12-14, 2005, Delhi College of Engineering, Delhi, pp.66-72.
22. **Chaudhary H.**, Saha S.K., 2005, "Finite Element Modelling of Carpet Loom Structure," Proc. Of the National Conference on Industrial Problems on Machines and Mechanisms (IPROMM2005), February 24-26, 2005, IIT Kharagpur, pp.197-203; ISBN 81-7764-761-X

5. Awards/Prizes

- [1] Merit Scholarship during throughout undergraduate course (B.E).
- [2] Project Fellow (IIT Kanpur) during 1998-1999.
- [3] Scholarship for Ph.D. under Quality Improvement Programme, Ministry of Human Resource Development, Govt. of India
- [4] Indian National Science Academy's financial assistance worth Rs. 15,000/- to attend and present paper in IEEE International Conference on Robotics and Automation (ICRA 2005) held during April 18-22, 2005, at Barcelona (Spain).
- [5] Department of Science and Technology (Govt. of India)'s financial assistance worth Rs. 20,000/- to attend and present paper in IEEE/RSJ International Conference on Intelligent Robots & Systems (IROS 2006) held during Oct 9-15, 2006, at Beijing (China).
- [6] IIT Delhi's financial assistance worth Rs. 20,000/- to attend and present paper in IROS 2006 at Beijing (China).
- [7] The Robotics and Automation Society (RAS) of IEEE's financial contribution of **900 USD**, to assist in conference registration and travel costs for attending ICRA'07 in Roma, Italy, 10-14 April 2007.
- [8] AICTE, Travel Grant of Rs. 36,000/- to attend and present paper in ICRA 2007 at Rome (Italy).

List of Conferences attended

- [1] 1st International & 16th National Conference on Machines and Mechanisms (iNaCoMM 2013), December 18-20, 2013, Mechanical and Industrial Engineering Department, IIT Roorkee-247667
- [2] 13th National Conference on Machines and Mechanisms (NaCoMM 2007), IISc, Bangalore, December 12-13, 2007, Bangalore.
- [3] IEEE International Conference on Robotics and Automation (ICRA 2007) April 10-14, 2007, Roma (Italy).
- [4] IEEE/RSJ International Conference on Intelligent Robots & Systems (IROS2006), Oct 9-15, 2006, Beijing (China).
- [5] IEEE International Conference on Robotics and Automation (ICRA 2005), April 18-22, 2005, Barcelona (Spain).
- [6] 14th ISME International Conference on Mechanical Engineering in Knowledge Age, December 12-14, 2005, Delhi College of Engineering, Delhi.
- [7] National Conference on Machines and Mechanisms (NaCOMM2005), December 17-19, 2005, IIT Guwahati
- [8] National Conference on Industrial Problems on Machines and Mechanisms (IPROMM2005), February 24-26, IIT Kharagpur.
- [9] National Conference on Machines and Mechanisms (NaCOMM2005), December 18-19, 2003, IIT Delhi.

Short Term Courses/Workshop attended

<i>S.No.</i>	<i>Duration</i>	<i>Sponsored</i>	<i>Organization</i>	<i>Name of course/workshop</i>
	July 28 and 29, 2014	TEQIP, IIT Delhi	IIT Delhi	Problem Solving Pedagogy in Kinematic and Dynamics of Machines
	June 22-25, 2014	TEQIPT-II ,MNIT	IIM Ahmedabad	Programme on Institution Building and leadership
	April 14-18, 2014	TEQIPT-II ,MNIT	Entrepreneurship Development Institute of India (EDI), Ahmadabad	FDP in Entrepreneurship for faculty members of MNIT
	Nov. 6, 2013	MHRD	MHRD, IIT Hyderabad, IIT Bombay	Deconstructing Design Workshop, New Delhi
	October 7-11, 2013	TEQIP,Phase-II, MNIT Jaipur	MDI Gurgaon	5 days executive management training programme
1.	April 22-26, 2013	TEQIP,Phase-II, MNIT Jaipur	Altair Hyper works Bengaluru	Altair HyperWork Software
2.	July 20-22, 2008	MNIT Jaipur	Effective Quality Upgradation Assistance for Technical Education	Induction Training
3.	December 10-11, 2007	Indo-US Science and Technology Forum, and Indian Institute of Science	Indian Institute of Science, Bangalore	Indo-US Workshop on Spatial Kinematics and Protein Conformations
4.	December 14, 2007	Indian Institute of Science, AMM, DSIR, TIFAC	Indian Institute of Science, Bangalore	IFTtoMM Workshop on History of Machines and Mechanisms Science
5.	June 18-22, 2007 (1 week)	QIP	IIT Roorkee	Modelling and Simulation of Mechatronic Systems
6.	March 17-18, 2007	Foundation for Innovation and Technology Transfer (FITT), IIT Delhi	Foundation for Innovation and Technology Transfer (FITT), IIT Delhi	Nanotechnology- Current Status and Challenges
7.	June 6-11, 2005 (1 week)	Combine under Continuing Education Prog./ QIP	Centre for Rural Development and Technology, IIT Delhi	Emerging Needs of Rural Industrialization and the Role of Technical Institutes
8.	July 16-27, 2001 (2 week)	Ministry of SSI, Agro and Rural Industries	Small Industries Development Organization	Mechanical Desktop (MDT-5)
9.	November 19, 2000	IGNOU, New Delhi	Indira Gandhi National Open University, New Delhi	Web Based Manufacturing and Management
10.	May 11-22,	AICTE	Centre for Energy	Energy Conversion &

	1998 (2 week)		Studies, IIT Delhi	Management
11.	April 9-10, 2007	Northern India Textile Research Association (NITRA)	NITRA	Statistical Techniques-A Prerequisite for ISO-9000 and way to Continuous Process improvement in Textile Industry

Short Term Courses/Workshop/seminar/conferences Organized

<i>S.No.</i>	<i>Duration</i>	<i>Sponsored by</i>	<i>Organized by</i>	<i>Name of course/workshop</i>
1.	March 20-24, 2013	TEQIP, MNIT Jaipur	MNIT Jaipur	Optimization Techniques for Engineering Design
2.	December 17-18, 2010	DST New Delhi	MNIT Jaipur	National Conference on Industrial Problems on Machines and Mechanisms (IPRoMM-2010)
3.	December 11-24, 2008	AICTE	MNIT Jaipur	Staff Development programme on “Soft Computing Skills in Engineering”

Research Project

<i>S.No.</i>	<i>Duration</i>	<i>Sponsored by</i>	<i>Out Lay</i>	<i>Reference No</i>	<i>Name of Project</i>	<i>PI/CO-PI</i>
1.	April 2008	Development Commissioner (Handicrafts), Govt.. of India	12.00 Lacs	Rp 02086 (K-12012/4/38/2007-08-R7D/105 dated 29.04.2008)	Some Technical Modification in the Metallic Carpet Looms Developed by IIT Delhi	PI-Prof. SK Saha Co-PI:Dr. S. Aravindan Dr. Himanshu Chaudhary

Others:

Zonal Vice President (West) of Association Machines and Mechanisms, A national Editor-in chief:

We are publishing quarterly News bulletin under the Association of Machines and Mechanisms (www.ammindia.org). The Association for Machines and Mechanism, India, is the Indian national affiliate of the International Federation for the Promotion of Mechanism and Machine Science, IFToMM. The main objective of AMM is to contribute to mechanical design at all levels starting from academic projects to industrial production, thus enhancing the quality and the reliability of indigenous machines. AMM organizes the National Conference on Machines and Mechanisms (NaCoMM) and the workshop on Industrial Problems on Machines and Mechanisms (IPRoMM) regularly.

Reviewer for International Journal of Mechanism and Machine Theory

Extra Curricular Activities:

Faculty Advisor: Blitzschlag 28-30 Jan, 2011, A national techno Cultural Festival of MNIT Jaipur

Faculty Advisor: Blitzschlag 6to 8 Feb, 2010, A national techno Cultural Festival of MNIT Jaipur

Facult advisor: International Robotic Competition Robocon 2009: 6-7 March, 2009 MIT Pune

Faculty Advisor Dramatics of Creative Arts Society of MNIT for session 2008-2009 and 2009-10.

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Dr. S. K. Saha	Prof. S.K. Saha, Naren Gupta Chair Professor Mechatronics Lab. Dept. of Mech. Eng. and Programme for Autonomous Robotics, IIT Delhi	(1)Basics of Robotics with the demonstration on Robo-Analyser software. (2) RoCK- BEE and MuDRA: Concepts towards Innovative Teaching & Research	17/03/2013 To 18/03/2013

Keynot/invited lecture delivered

S. No.	Name of Speaker	Place	Topic of Invited Lecture	Date
	Himanshu Chaudhary	Jadavpur University Kolkata and DRDO	Dynamic Balancing of Mechanical systems	7-9 August, 2014 in Intesive workshop on Technologies for Autonomous Soldier-Assist Systems, 2014 (TASAS-214)
1.	Himanshu Chaudhary	Gujarat Technological University, Ahmedabad	On Dynamic Balancing of mechanical systems	2nd April 2014, During “Research week” organized by GTU
2				