

Dr. M.K. Singh: [Dr. MITHILESH KUMAR SINGH]



Date of Birth : 29/07/1960

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s/o Late Chandra Bhan Singh,
536 , E – Block , 11 th Avenue
Gaur City -2 , Noida Extension , Greater Noida (U.P)
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Working : • **Professor, Department of Mechanical Engg and Chief Coordinator ,IEDC,**
Krishna Engineering College ,Ghaziabad (U P),

Qualification: • Ph.D. in Production Engineering From B.I.T. Sindri ,/ V.B. University Hzaribagh. in the Year 2002
• M.Sc. (Engg.) in Mechanical /Production From B.I.T. Sindri / V.B. University in the Year 1995
• B. Tech in Production Engineering From B.I.T. Sindri / Ranchi University in the Year 1987
• Matriculation with Science From B.S.E. Board ,Patna in 1977

Experience : • **Director, I T M Aligarh (UP) from May'13 to 30th May'2016.**
• **Dean, School of Engg. & Technology, I T M University, Gwalior (M P) from July'12 To April'13**
• **Director** at Nikhil Institute of Engineering & Management ,Farah,,Mathura from May 2008 to July2012
• **Prof & Head** at Krishna Institute of Engineering & Technology, Ghaziabad From Aug. 05 to Aug 06 & Sept 07 to May 08
• **Prof & Head** at Hindustan College of Science & Tech. Farah, Mathura From Aug.'06 to '31 Aug 07 & Oct'2000 to Aug2005
• **Asst. Professor** at A.V. COE, Sangamner(MS) from July 1998 to Sep' 2000
• **Lecturer** at A.V. COE, Sangamner(MS) from Dec 1995 to July 1998
• **Lecturer** at S.E.S. COE, Naval Nagar (MS) from Aug 1995 to Dec` 1995
• **Lecturer** (Adhoc) at B.I.T. Sindri from June 1990 to Aug 1995

Industrial

Experience: • **Jr. Erection Engineer** in AICAM Engg. Pvt. Ltd. From April 1988 to June 1990

Administrative

Experience: • Worked as Dean , Faculty of Engg. I.T.M. University , Gwalior (M P)
• Worked as Director, at Nikhil Institute of Engg. & Management, Mathura for 4 years.
• Worked as HOD, Mechanical Engg. at KIET, Ghaziabad for 2 year.
• Worked as HOD, Mechanical Engg. At H.C.S.T., Farah, Mathura for 1 year.
• Worked as Co-ordinator, M.Tech Programme of U.P.T.U. for 1 year at H.C.S.T. study Center.
• Worked as Co-ordinator, M.Tech Programme for 1 year at KIET Ghaziabad
• Worked as Co-ordinator of Project evaluation of M.Tech Programme of UPTU.

- Worked as Dean ,Student's Affair for 2 years at A.V.C.O.E., Sangamner (MS).
- Worked as Dean Student's Affair for 4 Years at H.C.S.T. Farah, Mathura.
- Worked as Chairman of various subjects of Mechanical/Production Engg. Under Pune University, Pune (Maharashtra).
- Worked as Head Examiner under UP Technical University , Lucknow.

Honors and Rewards :

- Selected for SERC Visiting fellowship – 99 by D.S.T. Govt. of India, New Delhi.

Short-term Courses attended:

- **“Advanced Manufacturing Technology”** sponsored by SERC, Department of Science Technology, Govt. of India held at P.S.G. Coimbatore, May` 1998.
- **“Recent Trends in Reliability Engineering”** at IIT Kharagpur, November 1999.

Conferences /Workshops Organized:

- A national conference on **“ Emerging Technologies in Mechanical Engineering”** in April-May'08 at K.I.E.T. Ghaziabad. It was sponsored by Department of Science & Technology, Govt. of India, New Delhi.
- A national conference on **“Recent Trends in Manufacturing Technology”** in January` 07, at H.C.S.T. Farah, Mathura.
- A **“National Level Technical Symposium”** (Gyan-Jyoti - 2004) at H.C.S.T. Farah, Mathura.
- A four days workshop on **“Robotic and its Application”** in April `08 at K.I.E.T. Ghaziabad. It was sponsored by Small Industries Development Bank of India, New Delhi and D.S.T. Govt. of India, New Delhi.
- Two weeks **“Faculty Development Programme On Entrepreneurship”** at Nikhil Institute of Engineering & Mgt. Farah , Mathura in association with T.B.I.K.I.E.T. Ghaziabad. This programme was sponsored by NSTEDB, Department of Science and Technology, Govt. of India, New Delhi.

Short-term courses organized:

- A short-term certification course on PRO/E Software at K.I.E.T., Ghaziabad in 2006.
- A short-term certification course on CNC Programming at H.C.S.T., Farah, Mathura in 2007.

Books Published: ▪ **“Unconventional Manufacturing Processes”** Published by New Age International (P) Ltd. Publication, New Delhi.

Paper Published in referred

Journal:

- Singh, M K ,Dey ,U K and Chaudhary,A K S : Optimization of large Opencast Projects by Lexicographic goal Programming”, International Journal of Management & System, Vol. -16, No. 3 September-December-2000.
- Singh, M K ,Dey ,U K and Chaudhary,A K S “A Quantitative assessment of drivage rate for underground drivage machine viz-a-viz, Geo Mining Technical variations. “Industrial Engineering, Journal Vol.-XXIXX, No-4, April 2000.
- Singh, M K ,Dey ,U K and Chaudhary,A K S “Job Standardization for open cast mechanical excavator – a case study”, “Industrial Engineering, Journal Vol. XXXI, No. 3, March 2002.

- Singh, M K ,Dey ,U K and Chaudhary,A K S “Mechanical Mine Drivage System Optimization under multi criteria decision environment”. Journal of decision and mathematical Sciences, Vol.-7, No. 1-3, 2002.
 - Singh, M K ,Dey ,U K and Chaudhary,A K S “Application of Fuzzy set in Multi Criterion Decision Making Environment”. Industrial Engineering Journal, Vol.-XXXIII, No. 11 Nov-2004.
 - Singh, M K ,Dey ,U K and Chaudhary,A K S “A Comparative Study of Performance Prediction of a production System- A Case study. Industrial Engineering Journal, Vol. - XXXV, 2006.
 - Arora ,Pawan ,Singh M K and Abid Haleem :“Cell Formation Techniques – A Case study , International Journal of Engineering Science & Technology, Vol3 No.2 Feb2011,pp-1178-1181.
 - Arora ,Pawan ,Singh M K and Abid Haleem “Comparative study of Heuristic Approaches for cell formation, International Journal of Engineering Science & Technology, Vol3 No.2 Feb2011, pp-1182-1188.
 - Arora ,Pawan ,Singh M K and Abid Haleem “Recent Development in Cellular Manufacturing Systems , Journal of Research and Development of Mechanical Industry (JRaDMI), Serbia
 - Singh S.K. and Singh M K :Evaluation of Productivity, Quality and Flexibility of an Advance Manufacturing System-A Case Study. J The Institution of Engineers (India) (January to March 2012) 1(1):1-10 1
- Arora ,Pawan ,Singh M K and Abid Haleem :Proposed Model for Optimizing Production System using CMS; Applied Mechanics and Materials , Vol. 281 (2013) pp 673- 676, Trans. Tech. Publications , Switzerland.
- Arora ,Pawan ,Singh M K and Abid Haleem Optimization of Cellular Manufacturing Systems Using Genetic Algorithm : A Review , Advanced Materials Research Vol. 622-623(2013) pp 60-63, Trans. Tech. Publications , Switzerland.

Papers Presented in Conferences:

- “Performance prediction of mine development machines using goal programming –A case study”, National conference on Mining problem & prospect, Feb. 1998. Chandrapur (MS).
- “Optimization of productivity of large scale open cast mine excavators- A case study”, National conference on design and development of production system, July 1998. Bhubneshwar (Orissa). Organized by institutions of Engineers (Orissa-Chapter).
- “Objectivisation of productivity for open cast mechanical excavator viz-a-viz goe mining and operational variations”, International conference on Operational Research for better tomorrow, Dec. 1998 at India International, New Delhi.
- “Optimization of mine resource utilization under multicriteria decision- making model: A case study,” International conference on application of Operational Research for Better Tomorrow Dec. 1998 at India International, New Delhi.
- “Planning of large opencast mines under multiplicity of objectives” International Conference on application of Operations Research to large & medium scale industries, Dec. 1999 at S.V.University (Tirupati).
- “Reliability Evaluation of Hydraulic Shovel System – A case study, “September 2000. P.E. College Vamiyambadi, Vellore (Tamil-Nadu).
- “Basic concept of cleaner Technology – An approach”, National Seminar on energy and environment, Dec. 2002 at

Agra (U.P.)

- “Evaluation of multiple objective project under Fuzzy Environment – A case study”, Sixth International conference of the Association of Asia Pacific Operational Research Societies, Dec. 2003 at New Delhi.
- “Analysis of Production System Design with Application of Goal Programming – A case Study,” International Conference on Operations Research Application in Infrastructure Development at I.I.Sc ,Bangalore Dec -2005.
- “Frame work for Environment Projection for livable Future,” International Conference on challenges and strategies for Sustainable Energy, Efficiency and Environment at I.E.T. Lucknow, June 2006.
- “Framework for Simulation in a Cement Industry – A case study” International conference on Advances in Manufacturing Technology & Management – 2007 (ICAMTM-2007) Jan 18/20/2007 University of Mumbai, Mumbai, India.
- “ Design of a Cellular Manufacturing System, Proceedings of national Conference On Mechanical Engineering Emerging Trends, August 6-7, 2010, Vardman College of Engineering ,Shamshabad, Hyderabad.
- “Optimal Design of cellular Manufacturing Systems: A Review “, 10th International Conference on “Research & Development in Mechanical Industry “ RADMI 2010 at Donji Milanovac, SERBIA.
- “Optimum Design of Cellular Manufacturing System: A Review, National Conference on “Emerging Technologies in Mechanical Engineering “, June 2008, KIET, Ghaziabad.
- “Recent Development in Cellular Manufacturing Systems: A Review, Proceedings of 2nd International Conference on production and Industrial Engineering CPIE-2010,” 03-05 December, 2010, National Institute of Technology Jalandhar (INDIA)

Worked as

Supervisor:

M.Tech.-3

- Performance Analysis of Power Shovel Using Multiple Regression & Linear Goal Programming (UP Technical University)
- Evaluation of Productivity, Quality & Flexibility of an Advanced Manufacturing System (UP Technical University)
- A Design of Machine Cell Using Genetic Algorithm.(UP Technical University)

Ph.D. 1

- Optimal design of a Production System. (Jamia-Milia, New Delhi) ,degree awarded.

Extra Activity:

- Worked as Reviewer of “Global Journal of Flexible System “and “Journal of Material Sciences & Application”
- Appointed as Examiner to assess Ph.D. Thesis by various Universities

(Dr. M.K. Singh)