

**Name** Mr. Vallurupalli Murali Mohan

Date of Birth 02/05/1965

Highest Qualification M.E. (CAD/CAM)

Branch / Specialization CAD/CAM

Designation Associate Professor

Department Mechanical Engineering

Date of Joining the Institute 13/06/1996



### Work Experience

Working with Finolex academy of management and technology as Assistant Professor from 13/06/1996 to till date (19 years experience)

### Number of Papers Presented/Published in National/International Conferences

**06**

### Details

1. **V. Murali Mohan**, Dr. Mishra P. K., “Micro/ Nano Mechanical Cantilever as Chemical and Biological Sensors”, International Conference of World Physics, Rajasthan University, Rajasthan, INDIA, 2005
2. **V. Murali Mohan**, Dr. Mishra P. K., “Micro Fabrication Techniques to create Micro and Nano Mechanical Components For Science, Technology and Research Organizations”, International Conference of World Physics, Rajasthan University, Rajasthan, INDIA, 2005
3. **V. Murali Mohan**, Dr. Mishra P. K., “Micromechanical Cantilever Sensors: For Science and Engineering Applications”, International Conference on Emerging Technologies (ICET), KNIT, Bhubaneswar, INDIA, 2004
4. **V.Murali Mohan**, Patinge Suraj, Rahul Phadke, “ Numerical Investigation of a Nano-Cantilever Based Mass Sensor for Explosive Detection” Proceedings of International Conference on “Ethical Prospects: Economy, Society & Environment (ICEPESE-2015)”, Sr No :126, Page No:591, 13<sup>th</sup>& 14<sup>th</sup> March, 2015, University of Mumbai.
5. Sagar Dhotare, **V.Murali Mohan**, PunamChikrudekar, “ Study of Effect of Damping in Layered Beam Using Different Structural Joints” ,

Proceedings of International Conference on “Ethical Prospects: Economy, Society & Environment (ICEPESE-2015)”, Sr No : 81, Page No: 377, 13<sup>th</sup>& 14<sup>th</sup> March, 2015, University of Mumbai.

6. “Micromechanical Cantilever: A Biosensor in Bio- MEMS”, National Conference on Advances in Mechanical Engineering, JNN College of Engineering Shimoga, Karnataka, INDIA, 2004

**Number of Papers Presented/Published in National/ International Journals**

**03**

**Details**

1. Manchekar N., **V. Murali Mohan**, “ Design of gradual flow of reducing valve by using FEA”, IJESR, June 2013, Vol 3/ Issue 6, pp. 257-267
2. Bhatkar O., **V. Murali Mohan** “Residual stress analysis in orthogonal cutting process in shaper & optimization using Taguchi, ARAI, Intralink
3. Prasad Mane, **V. Murali Mohan**,” Effect of Multilayered Disc size & Micro Sized Gap on MRF Clutch ” International Journal of Research in Advent Technology, Vol.3, No.2, 01<sup>st</sup> February 2015 E-ISSN: 2321-9637.

**Number of Workshops, STTPs Attended**

**07**

**Details**

1. Attended 2 Day ISTE Workshop for Teachers on “Aakash for Education” Conducted by IIT Bombay under the National Mission on Education through ICT
2. ISTE Workshop on Control Systems Coordinated program on Data acquisition using NI Lab view by Arav technologies
3. Workshop on Research Methodology
4. Six Sigma an overview workshop
5. ISTE workshop on Engineering Thermodynamics

6. ISTE workshop on Engineering Mechanics
7. Workshop on Step 2 Research  
(Co-coordinator)

<b>Students projects Guided at Masters Level</b>	<b>03</b>
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| <b>Details</b> | <ol style="list-style-type: none"> <li>1. Residual Stress Analysis in Orthogonal cutting Process on Shaper and Optimization using Taguchi Method.</li> <li>2. Investigation of Corrosion behavior of High Carbon Steel in Nacl&amp; H2SO4</li> <li>3. Design of Self Refrigerator Pressure Valve by using Finite Element Analysis</li> </ol> |
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<b>Membership in Professional Bodies</b>	
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| <b>Details</b> | <ol style="list-style-type: none"> <li>1. Indian Society of Technical Education (I.S.T.E)</li> </ol> |
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<b>Seminars/Lecture/ Invited Talks Delivered As Resource Person</b>	<b>NIL</b>
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<b>Details</b>	<b>NIL</b>
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<b>Awards / Honours / Prizes</b>	<b>NIL</b>
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<b>Details</b>	<b>NIL</b>
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<b>Research / Sponsored / Consultancy Projects</b>	<b>NIL</b>
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