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| IMS ENGINEERING COLLEGE | IMSEC/QF/48 |
| FORMATS | Page 1 of 1 |
| | Issue No: 02 |
| Tutorials/ Assignments/ Quizzes | Issue Date: 1 May 2010 |
| Prepared by: MR | Approved by: Director |

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|---------------------------|--|---------------------|---------------|
| <i>Subject Name</i> | <i>Basics of System Modelling and Simulation</i> | <i>Subject Code</i> | <i>AS-402</i> |
| Date of Handout | 31-01-14 | Max Marks | 10 |
| Date of Submission | 07-02-14 | | |

Assignment-01

1. What is simulation? Describe its need and use.
2. Describe advantages and disadvantages of simulation.
3. Write advantages and limitations of models.
4. Define system model and classify it.
5. Describe components of a system in brief.