

***Thadomal Shahani Engineering College***  
***International Conference on Efficacy of Software Tools for***  
***Mathematical Modeling '19***

**DAY 2**

**Track 3 Session 3**

**Title:** Mathematics/Miscellaneous.

**Session Chair:** Dr. Vivek Mishra, Assistant Professor & F.E. In-charge.  
Dept of Humanities & Sciences, TCET, Mumbai

: Dr. Tanuja Sarode, Prof. & Head, Department of Computer  
Engineering, TSEC, Mumbai.

**Session Coordinator:** Prof. Gaurav Mittal and Prof Sruthi Menon

**Technical Team:** Gehna Gurbani and Vishal

**Date:** 20/04/19

**Time:** 2:00 to 5:00 pm

**Venue:** 1103, New Building.

**The following papers are presented by the participants(10 mins each)**

| <b>Sr. No.</b> | <b>PAPER ID</b> | <b>Title of the Paper</b>   | <b>First Author</b>                    |
|----------------|-----------------|---|--|
| 1              | 326             | Evolutionary AI Algorithm for Health Risk Prediction**  | Bhagyashri Narayan Patil               |
| 2              | 329             | Approximate Analytical Solution of Counter-Current Imbibition Phenomenon Using Homotopy Perturbation Method | Dhara. T. Patel                        |
| 3              | 339             | Prevalence of Anemia Among Women in Maharashtra: A Statistical Analysis                                     | Siddhi Pawar/Ruchira Patil             |
| 4              | 340             | Model of Calcium Dynamics to Study the Role of Amyloid Beta in Alzheimer's Disease                          | Tejal Kangane/Saif Sayed               |
| 5              | 341             | Numerical Estimation of Calcium Concentration in Liver Cells Involving Influx, Outflux and Buffers          | Yogita.D. Jagtap                       |
| 6              | 348             | Proposed Research for Detecting Poachers  | Nazneen Ansari/Shreya Shivaji Gaikwad, |
| 7              | 352             | A Review of Mathematical Multi-Criteria Decision Models with A Case Study                                   | Udaykumar. S. Kashid                   |

\*\* For Presentation Only