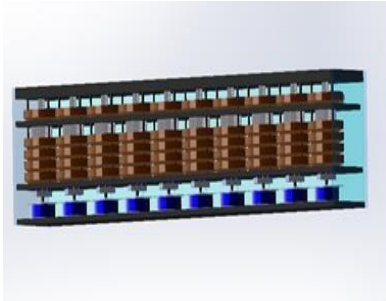


DIC IPR LIST (Patent, Design Registration and Copyright)

➤ AUTO ABACUS:



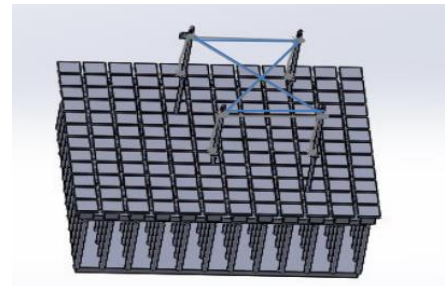
Project PI: Dr. Mihir Kumar Pandit

A patent application on “**Autobacus**” as submitted by Dr. Mihir Kumar Pandit, Assistant Professor, School of Mechanical science, Sadik R Syed, student, School of Mechanical Sciences of this Institute which is Designed for enabling better calculus and arithmetic counting of numbers for youths.

➤ A board game on creating and untangling knots:

Project PI: Dr. S. N Panigrahi

A patent application on “**A board game on creating and untangling knots**” as submitted by Ms. Harleen Hanspal, student from the School Of Electrical Sciences and Dr. S. N. Panigrahi from the School of Mechanical Sciences for DIC. This game is called Knotty Knots, designed for solving problems thereby enhancing the learning mechanism of kids.



➤ Artificial Odor Generator

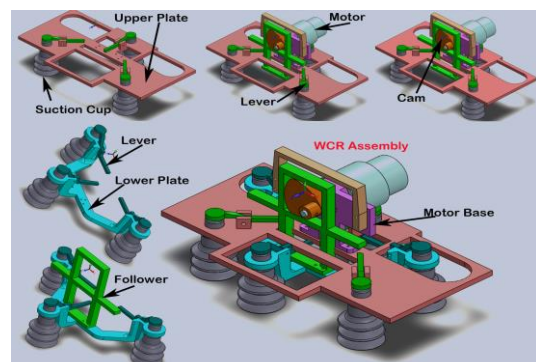
Project PI: Dr. Mihir Kumar Pandit

The idea is to generate Artificial Odor during the Screening of Films. Spritzer effects sync with onscreen movements, scenting systems emit strategically purposed aromas in proper proportions from cues during the film or drama. Our Aim is to make the olfactory sense a big market for future cinema. A patent has been filed (patent application no: 201731012054).

➤ A wall climbing robot

Project PI: Dr. V Pandu Ranga

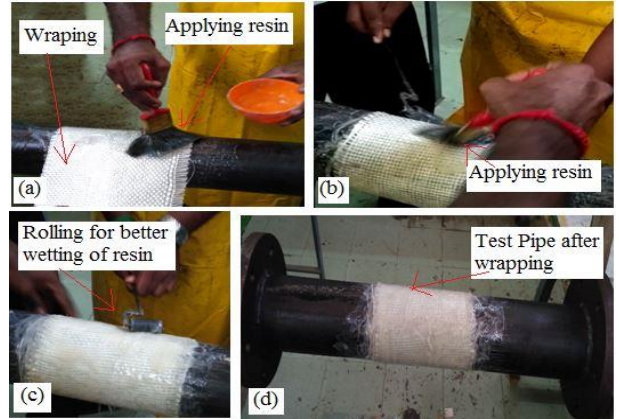
A patent application on **A wall climbing robot** as submitted by Vipin Kumar (M.tech), Dr. V Pandu Ranga (Faculty SMSc)



➤ **Nano fillers reinforced polymer composites wrap to repair corroded steel pipelines**

Project PI: Dr. Mihir Kumar Pandit

A patent application on ***“Nano fillers reinforced polymer composites wrap to repair corroded steel pipelines.”*** as submitted by Mr. Tushar Gautam, Mr. Vishwas Chandra Khan, Mr. Aditya Gupta, Dr. Mihir Kumar Pandit, Dr. Arun Kumar Pradhan from the School of Mechanical Sciences for DIC. Vasitars has engaged students like Mr. Vikas Sharma BS and Mr. Niteesh Kumar in design and development of rapid curing epoxy for repair of leaking defects in pipelines which is meant to repair of leaking defects of oil and gas pipelines by a semi solid rapid curing epoxy resin. This will help in temporary filling and strengthening of the leakages of pipes thereby avoiding loss and damage to the company.



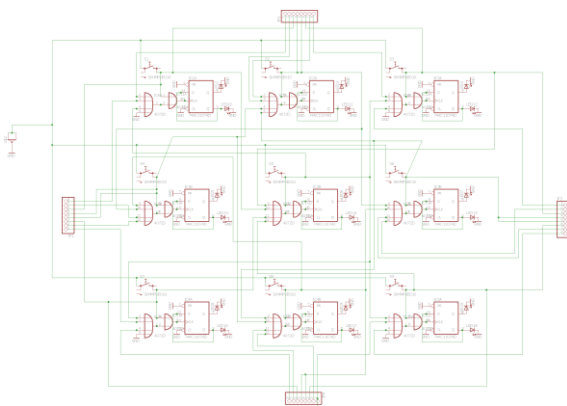
➤ **Reverse Parking Assistant**

Project PI: Dr. S. N Panigrahi

A patent application on ***“Reverse Parking Assistant”*** as submitted by Mr. Divesh Kumar students from School Of Electrical Sciences and Dr. S. N. Panigrahi from the School of Mechanical Sciences for DIC.



➤ **Shivi's Cube**



Project PI: Dr. S. N. Panigrahi

A patent application on ***“Shivi's Cube”*** as submitted by Mr. Divesh Kumar, Mr. Hitesh Kumar Kanwar, Mr. Mohinish Chatterjee students from the School Of Computer Sciences and Dr. S. N. Panigrahi from the School of Mechanical Sciences for DIC.