

Workshop Schedule

5 Jul 2012

0815-0915 **Registration**

0915-0930 **Inauguration**

0930-1015 Milind Hote

Robotics in Cardiac Surgery

1015-1100 Ashish Suri

MRI Guided 3-D Navigation in Surgery for Complex Brain Tumors

1100-1115 *Tea*

1115-1200 K Madhava Krishna

Localization, Mapping and SLAM with Range and Vision Systems

1200-1245 Laxmidhar Behera

Vision based Robotics: Control, navigation and grasping

1245-1415 *Lunch at Faculty Guest House*

1415-1500 Anuj Kapuria

Advances in Unmanned Systems Development

1500-1545 K.Jayarajan

Remote Handling Technology in Nuclear Industry

1545-1600 *Tea*

1600-1645 Asokan Thondiyath

Design, Modelling, and Control of Autonomous Underwater Robots

1645-1730 Alok Mukherjee

Unmanned Ground Vehicles development

6 Jul 2012

0915-1015 Tom Shibata

Adaptive Assistive Robotics

1015-1100 Sandipan Bandyopadhyay

Trajectory-tracking control of a parallel manipulator with dual control

1100-1115 *Tea*

1115-1200 T.A.Dwarakanath

Parallel Mechanism Based Systems

1200-1245 Shubhasis Bhaumik

Multifinger Dexterous Robot Hands

1245-1415 *Lunch at Faculty Guest House*

1415-1500 I.N.Kar

Formation Control of A Group of Mobile robots

1500-1545 Ashish Dutta

Optimal finger exoskeleton design and control based on human motion

1545-1730 *Tea + Posters/Demo*

1900 Dinner Meeting at Faculty Guest House

7 Jul 2012

0915-1015 Kanav Kahol

Leveraging robotics to make healthcare usable and affordable

1015-1100 Gora Nandi

Human Robot Interactions- Future Challenges and Issues

1100-1115 *Tea*

1115-1200 Anirvan DasGupta

Vibration assisted micro-manipulation

1200-1245 Ashitava Ghosal

Analysis, design and fabrication: three case studies in robotics

1245-1415 *Lunch at Faculty Guest House*

1415-1500 Prabir Pal

Robotic Solutions for the Nuclear Industries

1500-1545 Neeraj Jain

Implications of brain plasticity in the control of brain-machine interface

1545-1630 Sudipto Mukherjee