

Short Term course on “Medical Imaging and Technology” (25 -29, July 2022)

Course Schedule

25/07/2022 Monday	9.00AM – 9.45AM Inaugural Ceremony	03:00PM-05:00PM Session 1	05:45 PM - 7:15PM Session 2	BREAK	7:30 PM – 8:30PM Session 3	
26/07/2022 Tuesday			05:45 PM - 7:15PM Session 4		7:30 PM – 8:30PM Session 5	
27/07/2022 Wednesday			05:45 PM - 7:15PM Session 6		7:30 PM – 9:00 PM Session 7	
28/07/2022 Thursday	9:00 – 9:30 AM Faculty Interaction		05:45 PM - 7:15PM Session 8		7:30 PM – 9:00 PM Session 9	
29/07/2022 Friday			05:45 PM - 7:15PM Session 10		7:30 PM – 8:00PM Discussion	8:00-8:30PM Valediction

Contents of the Course:

25/07/2022:

Session 1: Introduction to biomedical images by Prof.Sivaji Bandyopadhyay, Director, NIT Silchar

Session 2: Image segmentation techniques – Part I

Session 3: Image segmentation techniques – Part II

26/07/2022

Session 4: Key ideas in Shape Modelling

Session 5: Micro Structural Analysis – Part I

27/07/2022

Session 6: Micro Structural Analysis – Part II

Session 7: Tutorial I (Bone imaging Analysis)

28/07/2022

Session 8: Image Registration Techniques

Session 9: Tutorial 2 (Pulmonary Imaging Analysis)

29/07/2022

Quiz

Session 10: Pattern Recognition and Decision making