

Collaborative Engineering

Team Formation Example: OrthoCAD

- Initiation
- Interdisciplinary
- Members, Institutions
- Roles



OrthoCAD Lab, I.I.T. Bombay

Team Formation

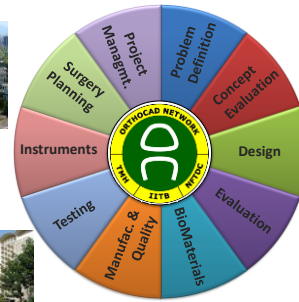
Tata Memorial Hospital,
Mumbai



IIT Bombay,
Mumbai



NFTDC,
Hyderabad



Support & Review:
SCTIMST
AIIMS

Funding:
PSA, Govt of India

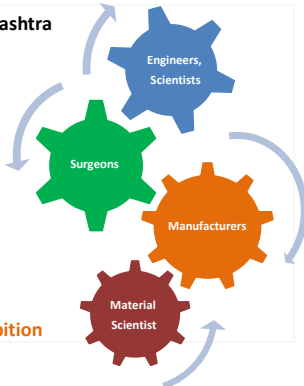
Platform – Ideas Started Rolling!

- Location: Lonavala, Maharashtra
- Date: 14th-15th Oct 2000



BIOMAT 2000!

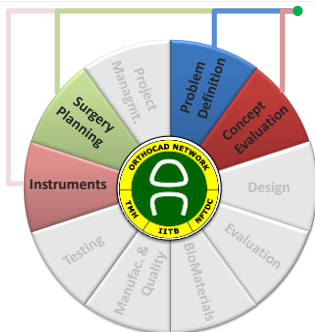
- Seminar and Workshop
- Biomaterials & Trade Exhibition



Interdisciplinary Team Formation



Team Formation – Principal Investigator

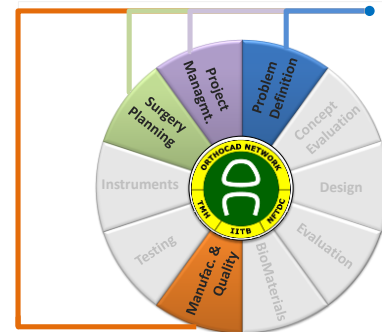


Dr. Manish Agarwal



OrthoOncologist
Tata Memorial Hospital
Onco-Surgeon
Clinical researcher
Implant development

Team Formation – Principal Investigator

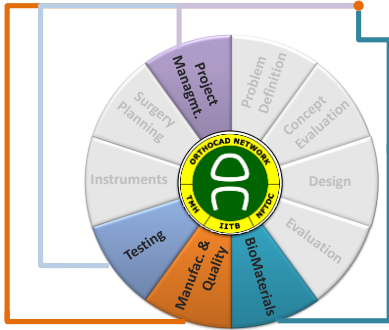


Dr. B Ravi



Professor
IIT Bombay
Casting guru
PLM specialist
CAD/ CAM expert
Graphics software

Team Formation – Principal Investigator

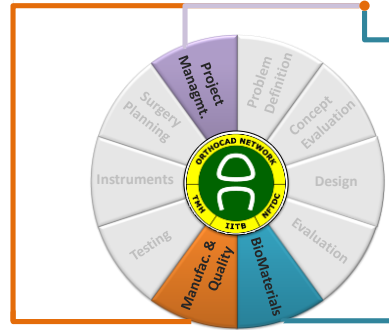


Dr. Balasubramanian



*Director
NFTDC*
Material Scientist
Metallurgy Specialist
Advance Mfg. Expert

Team Members

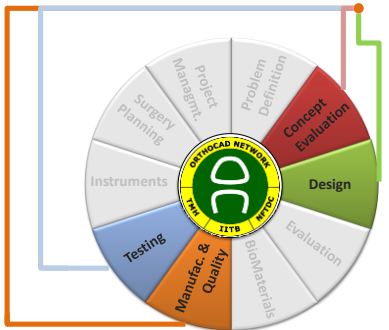


Mr. Nirmal Panda



*Sr. Proj. Engg
NFTDC*
Material Scientist
Metallurgy Specialist
Advance Mfg. Expert

Team Members



Mr. Nagsen Phule



*Sr. Proj. Associate
NFTDC*
CAD/ CAM Expert
Device Development
Manufacturing Expert

Team Members



Dr. K. Subburaj



*PhD
IIT Bombay*
Surgery Planning
Image Processing
Software Development

Team Members

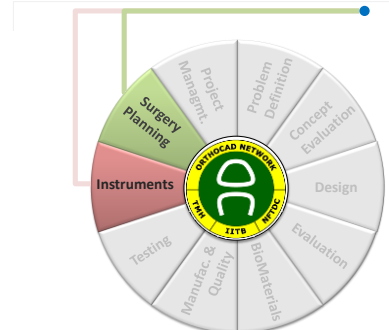


Mr. Rupesh Ghyar



*PhD
IIT Bombay*
CAD/ CAE Expert
Device Development
Bio-Mechanical Testing

Team Members



Mr. Vikas Karade



*PhD
IIT Bombay*
CAD Expert
Statistical Analysis
Instrument Development

Review Members

Dr. Bhubneshwar
Dean, SCTIMST



Dr. V.K. Suri
Head Prec. Engg, BARC



Dr. Neeraj Sinha
Scientist E, PSA



Constructive Arguments...!



Good times...!



Collaborative Team Building

