

MAE-Industry Connect 2024



Robotics: Multibody and Flexible (RMF)



















Prasanth Kumar R Professor

- Legged robots
- Humanoid robots
- UAV and multi-copter control Aerial manipulation



Himabindu Allaka Assistant Professor

• Marine robotics

- Guidance navigation and control
- Sensor suit development



Prabhat Kumar Assistant Professor

- Soft robotics
- Hand exoskeleton
- Flapping wings



Prakhar Gupta **Assistant Professor** Soft robotics

- Non-linear mechanics Flapping wings



Vishnu R Unni **Assistant Professor** • Aerial robotics

- Swarm dynamics
- **Bioinspired robotics**



Safvan Palathingal

- Nonlinear mechanics of slender structures
- Compliant mechanisms and optimisation
- Smart actuators
- Robotics



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The Team