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COLLABORATIVE PARTNERS

The Robotics Society

CHIEF PATRON

Prof. Santanu Chaudhury
Director, IIT Jodhpur

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Head IDRP division

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(Mechanical Engineering Department)
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(Mechanical Engineering Department)

ADVISORY COMMITTEE

Prof. C. Venkatesan
Prof. S. C. Bose
Dr. Suril Shah

FOR ANY QUERY

Email: roboticsws2023@idrp.iitj.ac.in

A two Days workshop on

"Field Robotics"

11th – 12th March 2023

ORGANIZED BY

**INDIAN INSTITUTE OF TECHNOLOGY
JODHPUR**

N.H. 62, Nagaur Road, Karwar Jodhpur 342037
Rajasthan (India)

Website: www.iitj.ac.in,

<https://events.iitj.ac.in/robotics2023/>



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ABOUT US

Indian Institute of Technology Jodhpur was established in 2008, to foster technology education and research in India. The Institute is committed to technological thought and action to benefit the economic development of India. Scholarship in teaching and learning, Scholarship in research and creative accomplishments, and relevance to Industry are three driving forces for us at IIT Jodhpur.

IIT Jodhpur functions from its sprawling residential Permanent Campus of 852 acres on National Highway 65, north-northwest of Jodhpur towards Nagaur. This campus is meticulously planned and envisioned to stand as a symbol of academics – simple, but deep.

The Institute is committed to a multidisciplinary approach of technology development. Hence, it has established state-of-the-art laboratories for basic research and has organized its academic degree activities through Departments and its coordinated research through the Centers for Technologies.

ABOUT DEPARTMENT

Inter-Disciplinary Research Platforms (IDRPs) on Robotics and Mobility Systems (RMS) is a multi-disciplinary initiative with a focus on solving open research problems requiring an integrated approach through the fusion of knowledge from multiple fields.

WHO SHOULD PARTICIPATE?

who are studying or working in the field of Mechanical Electrical, Computer science, And Robotics, specifically:

- UG and PG students
- Research Scholars
- Industry personals

REGISTRATION FEES

Students (UG/PG/Research Scholar): 1500 INR

Faculties (Academia): 3000 INR

Industry/Research Organisation and Others: 5000 INR

ABOUT WORKSHOP

Robots find widespread applications in industries like medical, agriculture, defense, transportation, surveillance, etc. With the increase in applications of robots, the field of robotics has taken greater strides in the past two decades. One specific area, which has gained the attention of the community, is Field Robotics. May it be quadruped, drones or underwater robots. The workshop will emphasize on bringing forward various problems and research opportunities in the area. It will focus on the following sub-areas of Field Robotics:

1. Underwater robot,
2. Humanoid robots,
3. Quadruped robots
4. Agriculture robots
5. Warfield robots
6. UAV robots

The workshop will have talks in the above areas by eminent speakers from academia, industry, and R&D organization. It is also aimed to have a poster session which will provide an opportunity to the participant to get valuable feedback from the experts in the area. The workshop would be concluded with a panel discussion on opportunities in Field Robotics by experts.

RESOURCE PERSONS

(In alphabetical order)

- **Prof. Ashok Joshi**, IIT Jodhpur
- **Dr. D Sam Dayalal Dev**, ISRO Inertial System Unit (Distinguished Scientist and Director)
- **Shri Durai Raj**, ISRO Inertial System Unit (SCIENTIST-SG)
- **Prof. Leena Vachhani**, IIT Bombay
- **Prof. Mangal Kothari**, IIT Kanpur
- **Prof. M. Santhakumar**, IIT Pallakad
- **Prof. P. Rajlaxmi**, IIT Hyderabad
- **Prof. T Asokan**, IIT Madras
- **Dr. Titas Bera**, TCS research

HOW TO REGISTER

Participants can register themselves by feeling the online Registration from given in the link below or by scanning QR code on or before 08-March-2023 11:59 pm.

Registration Link:

<https://forms.gle/EQRDds8xfJv5d7VP9>



Registrations are limited to up to 100 participants on a first-come-first-served basis. A course kit, as well as tea/coffee and a working lunch, will be served during the period of the workshop.

ACCOMODATION & TRAVEL

Accommodation for outside participants will be provided upon prior request on a payment basis. The participants have to bear their own traveling expenses

HOW TO REACH

