



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

Poornima College of Engineering, Jaipur

Activities Organized under the MoU with Humbot Pvt. Ltd.

| S .N. | Department | Date | Type | Name of Activity | Page No. |
|-------|------------------------|------------|------------------|---|----------|
| 1 | Mechanical Engineering | 10/02/2022 | National Webinar | Innovative Research Proposal: Grant to Technology Readiness Level | 2-6 |


Dr. Mahesh Bunde
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-0, FIICO Institutional Area
Sisupura, JAIPUR



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A REPORT ON NATIONAL WEBINAR

TITLE AND DURATION: “Innovative Research Proposal: Grant to Technology Readiness Level” on February 10, 2022.

SPONSORS & SUPPORTERS: MoU - PCE and Humbot Pvt. Ltd.

ORGANIZER(S): Department of Mechanical Engineering, Poornima College of Engineering, Jaipur.

ASSESSMENT TOOLS: Nil

EVENT POSTER

POORNIMA
COLLEGE OF ENGINEERING

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NBA

National Webinar on
**Innovative Research Proposal:
Grant to Technology Readiness Level**

Organized by
Department of Mechanical Engineering, PCE

&
**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

PIIC, Poornima College of Engineering

Dr. BHIVRAJ SUTHAR
Co-founder & Research
Director
Humbot Private Limited, India

Thursday, February 10, 2022

TIME 2:30 PM - 04:00 PM

RSVP:
Surendra Kumar Saini
✉ : surendra.kumar@poornima.org
☎ : 7905896452

Virtual platform: Microsoft teams

ABOUT THE SPEAKER

Dr. Bhivraj Suthar is Co-Founder & Research Director of Hubbot Pvt. Ltd. India. He worked as a Postdoc in the ISEE Lab at the Department of Mechatronics Engineering, Chungnam National University, Korea. He was also working as a visiting researcher at the Korea Advanced Institute of Science and Technology (KAIST), Korea.

DESCRIPTION OF EVENT

Session was begun from basic introduction of innovative research idea and design thinking concepts. Speakers spoke about their journey that how they started their Company and registered under Startup India Program. How they formed their team to run the company. How they got fund from different resources. Now their startup is working successfully. From this seminar students and faculties have benefitted.

SCREENSHOTS OF SESSION



HumBot Fact Sheet

- Founded in Oct- 2021, Jaipur, Rajasthan India
- Co-Founder: S. Kumar (Ea Scientist, DRDO)
- Co-Founder : Dr. Bhinaj Sathar (Ph. D., Robotics)
- Director : 2 Nos.
- Team Size : 5 Nos.
- HQ: Jaipur Rajasthan
- Registered Under MSME and Startup India.

Major Working Area

- 1) Robotics
- 2) Industrial Automation
- 3) Medical Research
- 4) Agriculture research
- 5) Defence and Space technology
- 6) Waste to Energy and Renewable Power
- 7) Skill Development

The slide also features a 'MAKE IN INDIA' logo with a tiger and an image of a robotic hand.

Our Research Area

The slide displays seven research areas with corresponding images:

- Robotics
- Industrial Automation
- Agriculture Research
- Defence & Space Research
- Medical Research
- Renewable Energy
- Skill Development

Road map for an Idea to commercial product

The slide illustrates a process flow from 'Idea' to 'Commercial product' through various stages of development, including prototyping and testing. It includes images of a robotic arm and a human figure with sensors.

Published: Bhinaj Sathar et al., "Preliminary Study of Twisted Strip Actuator Through a Conduit Toward Soft and Wearable Actuator" in International Conference on Robotics and Automation (ICRA2022).

FEEDBACK ANALYSIS

Feedback Form-National Webinar on "Innovative Research Proposal: Grant to Technology Readiness Level" by Dr. Bhivraj Suthar

National Webinar on Innovative Research Proposal: Grant to Technology Readiness Level by Dr. Bhivraj Suthar on 10.02.2022.

Organized by Department of Mechanical Engineering and Poornima Innovation and Incubation Cell , Poornima College of Engineering Jaipur

Thank You For Participating in our event. Please fill this quickly. Your Feedback is valuable to us.

Coordinator

Dr. Surendra Kumar Saini

Email *

Valid email address

This form is collecting email addresses. [Change settings](#)

Full Name (Same will be Printed on Certificate) *

Short-answer text

How would you rate the webinar? *

☐ Excellent

☐ Very Good

☐ Good

☐ Ok

How would you rate the organization of the event? *

Poor 1 2 3 4 5 Excellent

☐ Yes

☐ No

☐ Maybe

Would you like to attend any further webinar organized by department of Mechanical Engineering, PCE? *

