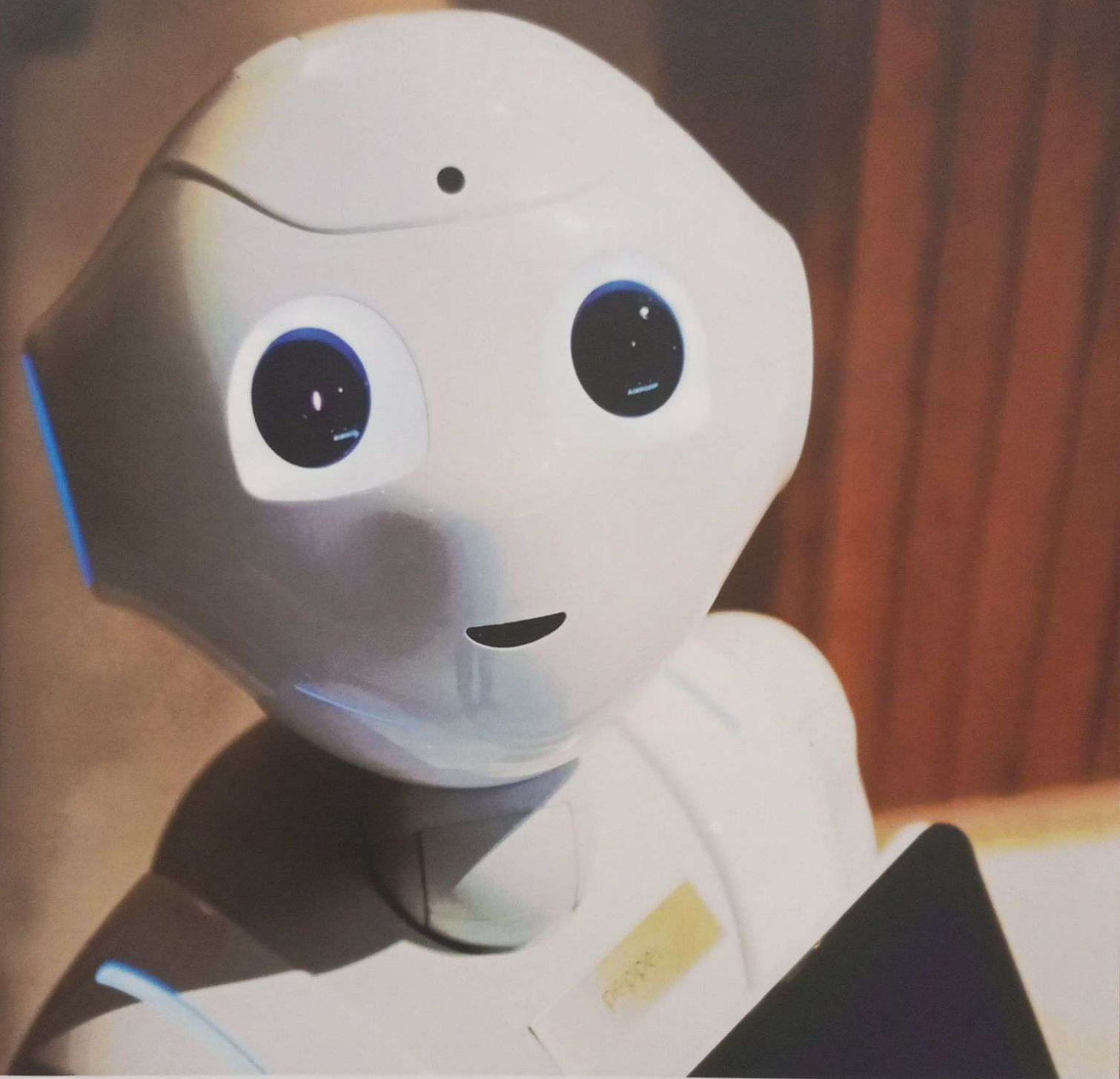


MECHRONICLE

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NSRIT

**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)**

ESTD: 2008

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada)

Recognized under Section 2(f) & 12(B) of the UGC Act, 1956 | Accredited by NAAC with 'A' Grade

The Vision of the Institute:

To promote societal empowerment and become an institution of excellence in the field of engineering education and research.

The Mission of the Institute:

1. To develop students into outstanding professionals through innovative Teaching - Learning process
2. To uphold research through long term academic - industry interaction
3. To inculcate ethical standards and moral values

The Mission of the Institute:

To train the students to be professional and competent Mechanical Engineers to take up the challenges in the society and strive continuously for excellence in education and research

The Mission of the Department:

1. To provide quality education for successful career and higher studies in Mechanical Engineering
2. To emphasize academic and technical excellence in the profession
3. To take up consultancy and research in solving the problems related to Mechanical Engineering

Program Educational Objectives (PEOs)

1. Continue to excel in professional mechanical related careers or chosen career path that apply 21st century skills following ethical standards and practices contributing towards sustainable development by providing feasible and viable technical solutions catering the real-time engineering problems
2. Engage in experiential learning through their professional practices and adapt to changing skills sets in the pursuit of lifelong learning
3. Continue to demonstrate the skill sets that are very much essential to work successfully for a rewarding career in a multidisciplinary setting

STUDENT ACTIVITIES

The Students of mechanical engineering have participated in sports competition held in our college on 25-08-2022 and bagged prizes in (KOKO,BASKET BALL and VOLLEY BALL)



The students of Mechanical,EEE and ECE had attended technical expo on Mechatronics and Robotics conducted by ARC collabrated with FESTO



Faculty Acheivements and Participations

Mr,T.T.V.S.R.Krishna Kumar had attended one day workshop on Industrial Robotics conducted by IGUS ind pvt ltd at Bangalore in collabration with ARC.



Mr.CH.V.V.S.S.R.Krishna Murthy,Dr.K.R.R.Mohan Reddy have completed NPTEL courses and awarded cash prize by our college management for encourage on Teachers"s Day celebration.

No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing / Citations	Volume, ISSN Page No's and Year
1.	Dr. R.N.E. Naveen	AA7xxx alloy in order to reduce the grain size of with addition of AA7xxx+0.5% SC; Study their Microstructure, Mechanical properties,Thermal properties and Stress Corrosion cracking behaviour	Scopus	Elsevier	4769 – 4777, 2022 1 (43)
2.	Dr. K. Raghu Ram Mohan Reddy	Drysliding wear behaviour of WC-Co coating on Ti6Al4V using Thermal Spray coating technique	Scopus	Elsevier	5874 – 5883, 2022 1 (43)
3.	Mr. Kollada Abhinash	Overall efficiency in the improvement of an industrial boiler using COAL ACTIVATOR	Scopus	Elsevier	5313 – 5327, 2022 1 (43)
4.	Mrs. B. Usha Rani	Evaluation of Thermal Properties of a Plastic Gears Composed of Sugar Bagasse Reinforced with Polyester/ Grapheme Blends	Scopus	Elsevier	4769 – 4777, 2022 1 (43)
5.	Dr. K. Raghu Ram Mohan Reddy	Corrosion behaviour of WC-Co coating on Ti6Al4V using Detonation Spray	Scopus	Elsevier	6386 – 6397, 2022 1 (43)

