



UGC-AUTONOMOUS INSTITUTION

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NAAC Accredited with A+ Grade, NIRF India Rankings 2021 - Band: 201-250 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA



Academic Research

Patent application publication during the assessment period while working in the institute 2023-2024

S. No	Name of applicant/ Inventor	Invention title	Application number with filing date / Cbr number with date	Publication number with date	Patent number with date / Journal Number with date	Application status
1	Dr. L. Anantha Raman	An intelligence sensor based Biodegradable waste collection unit	-	-	144604/ 26/09/2023	Granted
2	Dr. L. Anantha Raman	Solar powered glass cleaning Robot	-	-	44741/ 27/09/2023	Granted
3	Dr. L. Anantha Raman	Machine Learning Based Humanoid device for object identification	-	-	391763-001 11/10/2023	Granted
4	Dr. Muppa Lakshmana Rao	Multi-purpose Battery-Operated Inter Cultivated Bicycle	-	-	400635-001/ 24/11/2023	Granted
5	Dr. G. HemathKumar	An Improved Voltage Compensation Technique for long SAG Condition Using AC Chopper	-	-	201841030276/ 03/12/2023	Granted

6. Prof. Muppa
Lakshmana Rao

Solar Powered Terracotta
Air

406273-001
Granted



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Academic Research

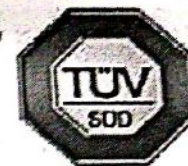
Patent application publication during the assessment period while working in the institute 2022-2023

S. No	Name of applicant/ Inventor	Invention title	Application number with filing date / Cbr number with date	Publication number with date	Patent number with date / Journal Number with date	Application status
1	Prof. Muppa Lakshmana Rao	Lever-based Weed Removal Tool	204165 26.07.2022	-		Waiting for technical examination
2.	Dr. L. Anantha Raman	IoT based solar powered agriculture robot	26/06/2023	23/08/2023	142561	Granted
3.	Dr. Anantha Raman Lakshmipathi	Automated Headlight Intensity Controller for Bike	24/04/2023			UK Design Granted
4.	Dr. L. Anantha Raman	Battery Pack For Electric Vehicle	07/03/2023	18/05/2023	136419	Granted
5.	Dr. L. Anantha Raman	Hydrogen Fuel Bike	09/03/2023	23/05/2023	137016	Granted
6.	Dr. L. Anantha Raman	Air and Water Quality Identifying Pen	23/03/2023	23/05/2023	137301	Granted
7.	Dr. L. Anantha Raman	Milk Quality Analysing Device	23/03/2023	25/05/2023	138188	Granted



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Department of Mechanical Engineering

Academic Research

Patent application publication during the assessment period while working in the institute

2021-2022

S. No	Name of applicant/ Inventor	Invention title	Application number with filing date / Cbr number with date	Publication number with date	Patent number with date / Journal Number with date	Application status
1	Prof. Muppa Lakshmana Rao	Solar Powered Mini Cold Storage	211733 06.01.2022	-	11/2022 18.03.2022	Design accepted and published
2	Prof. Muppa Lakshmana Rao	Multipurpose Crank Slot Sparyer	202564 09.06.2022	-		Waiting for technical examination



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Department of Mechanical Engineering

Academic Research

Patent application publication during the assessment period while working in the institute

2020-2021

S. No	Name of applicant/ Inventor	Invention title	Application number with filing date / Cbr number with date	Publication number with date	Patent number with date / Journal Number with date	Application status
1	1 . S. Jaividhya 2 . Dr.S.Praveenkumar 3 . Dr. Priyesh P. Gandhi 4 . Dr. T.S. Karthik 5 . Dr. Dinesh Sheshrao Kharate 6 . Shweta Chauhan 7 . Dr.M.Koti Reddy 8 . Dr. Gaurav Dhiman 9 . Dr.J.L.Divya Shivani 10 . Dr. Vandana S. Bhat 11 . Vishal Jagota 12 . Dr. Shivaputra 13 . Pavan Kumar E 14 . Pankaj Mudholkar 15 . Megha Mudholkar 16 . A.Praveena 17 . Dr. T.C.Manjunath	Development of IoT based underground wire fault detection system	2021410000118 02.01.2021	26.02.2021		Awaiting Request for Examination

S. No	Name of applicant/ Inventor	Invention title	Application number with filing date / Cbr number with date	Publication number with date	Patent number with date / Journal Number with date	Application status
2	Ankit Saxena	Fabrication and analysis of an artificial human hip joint for squat posture	202141006926 19.02.2021	26.02.2021		Awaiting Request for Examination
3	1.Dr. Nav Rattan 2.Dr. Rahul S. Mulik 3.Dr. Ankit Saxena 4.Ms. Aakanksha J. Kaushik	Magnetic field assisted travelling wire electrochemical spark machining (TW-ECSM) setup	202111020360 04.05.2021	21.05.2021		Awaiting Examination





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Patent application publication during the assessment period while working in the Institute

2019-2020

S. No	Name of applicant/ Inventor	Invention title	Application number with filing date / Cbr number with date	Publication number with date	Patent number with date / Journal Number with date	Application status
1	1. D.Harsha Vardhan 2. Dr.D.Sai Chaitanya Kishore 3. B.Anjaneyulu 4. V.Ajay 5. Gadham Setty Guru Mahesh 6. Manu Ravuri	VHA-Sanitizer system: Vehicle hand automatic sanitizer system using pree defined instruction	202041024567 11.06.2020	19.06.2020		Awaiting Request for Examination