

Details of Patents

S. No	Academic year	Name of the faculty	Title of the Patent / Design/etc.	Country	Institute	Patent Number	Status	Reply filed date	Application Number	Date of Publication	Date of Grant	Valid Duration
1	2022-2023	Dr. Satya Prasad Paruchuru, Professor, Department of ME	AN ARRANGEMENT TO INCREASE THE LEVEL OF LIQUIDS,	India	Intellectual Property India, Govt of India	----	Reply filed. Application in amended examination	14/07/2022	Application no. 201641041533	08/06/2018	----	--- --
2		Dr. Satya Prasad Paruchuru, Professor, Department of ME	INSTRUMENTED METHODS FOR SMART OPERATIONS	India	Intellectual Property India, Govt of India	----	Reply filed. Application in amended examination	21/03/2022	Application no. 2788/CHE/2015	9/12/2016	----	--- -
3		Dr. Satya Prasad Paruchuru, Professor, Department of ME	INSTRUMENTED METHODS FOR SMART OPERATIONS	India	Intellectual Property India, Govt of India	---	Reply filed. Application in amended examination	24/03/2022	Application no 3519/CHE/2015	13/01/2017	----	---
4		Dr. Ajay Kumar Kaviti Assoc. Professor,	SOLAR DESALINATOR	India	Intellectual Property India,	Design No. 357989-001	Granted		Application No. 357989-001		5/02/2022	10 years from

	2021-2022	Department of ME			Govt of India							m the date of registration
5		Dr. Ajay Kumar Kaviti Assoc. Professor, Department of ME	SOLAR DESALINATOR	India	Intellectual Property India, Govt of India	Design No. 359786-001	Granted		Application No. 359786-001		3/03/2022	10 years from the date of registration
6		Dr. Ajay Kumar Kaviti Assoc. Professor, Department of ME	ECO-FRIENDLY SOLAR DESALINATOR	India	Intellectual Property India, Govt of India	-----	Published		Application No. 202241033629 published on		17/06/2022	---

7	Mr. T. Malyadri, Assistant Professor, Department of ME	FABRICATION OF POLYMER BASED NANO COMPOSITE ROOF SHEETS	India	Intellectual Property India, Govt of India	Patent No. 401296	Granted		Application no. 202141025859	-----	14/07/2022	20 years from the 10th day of June 2021
8	Dr. Jayashri N. Nair Assistant Professor VNRVJIET, Hyderabad	DESIGN AND FABRICATION OF TREAD MILL BICYCLE	India	Intellectual Property India, Govt of India	---	Published		Application no. 202141051863	26/11/2021	---	--
9	Dr. Ajay Kumar Kaviti Assoc. Professor, Department of ME	SUBMERGED NANOPOROUS MICRO HOTSPOT STRUCTURE FOR SOLAR DESALINATION AND METHOD OF PREPARATION	India	Intellectual Property India, Govt of India	--	Published		Application No.202241003900	04/02/2022	--	--
10	Dr. Ajay Kumar Kaviti Assoc. Professor, Department of ME	NON-CONTACT NANOSTRUCTURE AND METHOD OF MANUFACTURING THE SAME FOR FOULING FREE	India	Intellectual Property India, Govt of India	---	Published		Application No.202241000685	21/01/2022	--	--

			SOLAR DESALINATION”									
1 1	2020- 2021	Dr. B. Satyanarayan a, Professor, Department of ME	COLLABORATIVE FEDERATIVE LEARNING APPROACH FOR INTERNET OF VEHICLES TRAFFIC PREDICTION	Australian governme nt	Australian governme nt	Patent number: 202010161 3	Granted		---	-----	26 /08/ 2020	Ei gh t ye ars fro m 2 Au gu st 20 20
1 2		Dr. V. Siva Rama Krishna	EVALUATION OF THRUST FORCE AND TORQUE IN DRILLING OF NATURAL FIBER PARTICLE REINFORCED POLYMER”	India	Indian patent	----	Published		Application no. 20214100581	19/02/202 1	----	---
1 3		Dr. Yeole Shivraj Narayan, Professor, Department of ME	MODULAR ENCLOSURE FOR CHEMICAL PROCESSING	India	Intellectua l Property India, Govt of India	----	Published		Application no. 342237-001	31/05/202 1	----	---
1 4		Dr. K. Ajay Kumar,	DEVELOPMENT OF SMART WALKING	India	Indian patent	----	Published		Application no. 202041012028	22/05/202 1	----	---

		Assoc. Professor, Department of ME	STICK FOR VISUALLY IMPAIRED PEOPLE									
1 5		Dr. Satya Prasad Paruchuru, Professor, Department of ME	AN ARRANGEMENT TO ENHANCE THE TISSUE ENGINEERING AND OTHER LIVELY PROCESSES TO ENHANCE LIFE	India	Intellectua l Property India, Govt of India	---	Awaiting Request for Examination	-----	Application no. 201941029478	29/01/202 1	---	---

Faculty guided students projects

S. No	Name of the faculty Mentor	Name of the students	Title of the Patent / Design/etc.	Country	Institute	Patent Number	Status	Reply filed date	Application Number	Date of Publication	Date of Grant	Valid Duration
1	Dr. Jayashri N Nair	. Patnala Soumith Sastry - (12071A0336) 9494969519 III B.Tech. (ME) Students 1. Vadapalli Navadheer – (13071A03B5) 9912287997 2. Parvatham Bharath – (13071A03A2) 8500390460	System and Method for Generating Magnetic Power and Converting into an Alternative Energy	India	Intellectual Property India, Govt of India	----	Published	---	4386/CHE/2015	4/09/2015	----	----

2	Dr. Jayprakash	IV B.Tech. (ME) Students 1. Y. Kausthub Kaundinya (12071A03C0), 8885885902 2. Nikhil Pasari (12071A0389) 9550470150 3. Sreekanth Kommula (12071A0377) 7702224410 4. Anand Kumar. D (13075A0315) 9440913987	AIR CONDITIONED HELMET	India	Intellectual Property India, Govt of India	----	Reply filed. Application in amended examination	10/3/2020	6499/CHE/2015	8/01/2016		
3	Dr. Aruna Prabha	N. Tummala Uday 14071A03A9 2. Brahmandam JSK Narsimha Kasyap 14071A0364 3. CH. Praveen 14071A0369	STABILIZING DEVICE	India	Intellectual Property India, Govt of India	----	Granted	5/8/2019	201741031233	18/01/2019	18/10/2019	