



# LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution

Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada

Accredited by NAAC with "A" Grade

Jonnada (Village), Denkada (Mandal), Vizianagaram Dist – 535 005

Phone No. 08922-241111, 241112

E-Mail: [lendi\\_2008@yahoo.com](mailto:lendi_2008@yahoo.com)

Website: [www.lendi.org](http://www.lendi.org)


## PRE-GRANT PUBLICATION/AWARD OF PATENT GRANTS FOR THE ACADEMIC YEAR: 2021-22


### DEPARTMENT OF COMPUTER SCIENCE ENGINEERING


S. No	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshot s/URL/ Website Links, etc.
1.	20 2021 105 568	Granted	U Kartheek Chandra Patnaik	A symmetric key cryptographic system with multiple private keys	U Kartheek Chandra	13-10-2021	01-02-2022		LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	



					Patnaik					
2.	20214105 0872	Granted	Dekka Satish	Design of intelligent communicated distillation to purify water	Dekka Satish	06-11-2021	19-11-2021		LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	


**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

SNo	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshot/URL/Website Links, etc.
1	20204104 0671	Granted	Dr. S. Sridhar	Manually operated multi level Modular Brick Moulding Apparatus	1. Dr. Podugu Srinivasa Rao 2. Podugu Gayatri	19/09/2020	23/02/2022	390170	LENDI	

2	20224102 2606	Published	<p>Dr. Endluri Venkata Naga Jyothi Ms. M. Kranthi Dr. Vishalgoud Patil Dr. B. Satyanarayana</p> <p>Dr. B. Hari Chandana Dr. B. Sridhar Dr. AmarendranathChoudary Mr. NarasimharaoMondreti Dr. M. Sunil Kumar Dr. KaziKutubuddin Sayyad Liyakat</p>	<p>An artificial intelligence based integrated IoT healthcare system for cancer care and method thereof</p>	<p>Dr. Endluri Venkata Naga Jyothi Ms. M. Kranthi Dr. Vishalgoud Patil Dr. B. Satyanarayana Dr. B. Hari Chandana Dr. B. Sridhar Dr. AmarendranathChoudary Mr. NarasimharaoMondreti Dr. M. Sunil Kumar Dr. KaziKutubuddin Sayyad Liyakat</p>	17/04/2022	13/05/2022	19/2022	LENDI	
---	------------------	-----------	--	---	---	------------	------------	---------	-------	---


3	20224102 1628	Publish ed	1 .E.Elam aran 2 .Dr.Renuka Agrawal 3 . Saroj Kumar Nanda 4 . Dr. Srikanta Mohapatra 5 .Dr.MRajan Babu 6 .Dr.K.Raviku mar 7 .Dunna Suresh Kumar 8 . Ravindra Kumar Moningi 9 . Shaik Azeez 10 . Dr. Brijesh Sathian 11 . Dr B Laxmi Kantha	Artificial Intelligence based Automatic Healthcare Management system for detection and prevention of Pancreatic Cancer using Multi detector Computed Tomography, Image processing and Machine Learning algorithms	1 .E.Elamaran 2 .Dr.Renuka Agrawal 3 . Saroj Kumar Nanda 4 . Dr. Srikanta Mohapatra 5 .Dr.MRajan Babu 6 .Dr.K.Ravikumar 7 .Dunna Suresh Kumar 8 . Ravindra Kumar Moningi 9 . Shaik Azeez 10 . Dr. Brijesh Sathian 11 . Dr B Laxmi Kantha	14/2022	22/04/2022	16/2022	LENDI	
---	------------------	---------------	---	--	---	---------	------------	---------	-------	---

4	20224102 0616	Publish ed	<p>1 .Dr.B.Sridhar 2 .Dr.KaziKutul in Sayyad Liyakat 3 .Mr.Dipak Pandit Chavan 4 .Mr.Meriga Kiran Kumar 5 .Mr.Pilla Mohan Ganesh 6 .Mr.Jay Prakash Narayan Verma 7 .Dr.Gummadi Jose Moses 8 .Mr.Y.Laxman Rao 9 .Mrs.P.Neelima 10 . Dr. Syed Azahad</p>	<p>A System for privacy - preserving medical record searching engine for an artificially intelligent based diagnosis in IoT healthcare</p>	<p>1 .Dr.B.Sridhar 2 .Dr.KaziKutul in Sayyad Liyakat 3 .Mr.Dipak Pandit Chavan 4 .Mr.Meriga Kiran Kumar 5 .Mr.Pilla Mohan Ganesh 6 .Mr.Jay Prakash Narayan Verma 7 .Dr.Gummadi Jose Moses 8 .Mr.Y.Laxman Rao 9 .Mrs.P.Neelima 10 . Dr. Syed Azahad</p>	5/4/2022	15/04/2022	15/2022	LENDI	
5	20224102 0064	Publish ed	<p>1 . THALLURI LAKSHMI NARAYAN A 2 . BABBURU KIRANMAI 3 . K V VENKATA KUMAR 4 . KONARI RAJASEKH</p>	<p>A Sturdy dataset for RF MEMS switches dimensions prediction using cascade feed forward neural network</p>	<p>1 . THALLU LAKSHMI NARAYAN 2 . BABBURU KIRANMAI 3 . K V VENKATA KUMAR 4 . KONARI RAJASEKH 5 . MALLAVA</p>	2/4/2022	15/04/2022	15/2022	LENDI	


			AR 5 . MALLAVA RAPU RAJAN BABU 6 . KAPILA GURUCHA RAN 7 . B BALAJI BHANU 8 . K RAJKAMAL 9 . S ARUNA KUMARI 10 . SANTOSH KIRAN SIMHADRI 11 . DARAM NAGA BHUSHANA BABU		RAJAN BABU 6 . KAPILA GURUCHARAN 7 . B BALAJI BHANU 8 . K RAJKAMAL 9 . S ARUNA KUMARI 10 . SANTOSH KIRAN SIMHADRI 11 . DARAM NAGA BHUSHANA BABU					
6	20224100 1610	Publish ed	1 . Dr. Armstrong Joseph. J 2 . Dr Krishna Kumar Tiwari	The Block chain and Artificial Intelligence based IoT Environment for 6G Wireless	1 . Dr. Arms Joseph. J 2 . Dr Krish Kumar Tiwa 3 . Khushwa Singh	11/1/2022	4/2/2022	05/2022	LENDI	



			3 Khushwant Singh 4 . Shaik Azeez 5 . Dr. Bharat Bhushan Naib 6 .Dr. E Meher Abhinav	Network	4 . Shaik Azeez 5 . Dr. Bharat Bhushan Naib 6 . Dr. E Meher Abhinav				
7	20214106 1935	Publish ed	1 .Mr.Nanchara iahVejndla 2 .Mr.Rajeev Sharma 3 .Dr.Rajesh Panda 4 .Dr.SyedAza had 5 .Dr.ShaikHa meeda 6 .Ms.Sudharan iChidurala 7 .Mr.SanjayLa xmanrao Gaikwad 8	An IOT equipment based secured cloud network communication method	1 .Mr.NancharaiahVe jendla 2 .Mr.Rajeev Sharma 3 .Dr.Rajesh Panda 4 .Dr.SyedAzahad 5 .Dr.ShaikHameeda 6 .Ms.SudharaniChid urala 7 .Mr.SanjayLaxman rao Gaikwad 8 .Prof.BibhutiBhusa n Dash 9 .Dr.Sunil Kumar Dhal 10	30/12/2021	4/2/2022	05/2022	LENDI



			.Prof.Bibhuti Bhusan Dash 9 .Dr.Sunil Kumar Dhal 10 .Dr.S.Ravich andran		.Dr.S.Ravich andran				
8	20213105 0687	Published	1 .Dr.RabinarayanSatpathy 2 .Mr.NanchariahVejndla 3 .Dr.I.Suneetha 4 .Dr.N.Pushpalatha 5 .Prof.Bibhuti Bhusan Dash 6 .Dr.Sushma Jaiswal 7 .Mr.Tarun Jaiswal 8 . Prof. Utpal Chandra De 9 .Dr.Ashish Kumar Sarangi	A SYSTEM BASED ON DEEP LEARNING THREE-DIMENSIONAL PIPELINE RECONSTRUCTION AND METHOD THEREOF	1 .Dr.RabinarayanSatpathy 2 .Mr.NanchariahVejndla 3 .Dr.I.Suneetha 4 .Dr.N.Pushpalatha 5 .Prof.Bibhuti Bhusan Dash 6 .Dr.Sushma Jaiswal 7 .Mr.Tarun Jaiswal 8 . Prof. Utpal Chandra De 9 .Dr.Ashish Kumar Sarangi 10 .Dr.Ranjan Kumar Mohapatra	10/12/2021	50/2021	LENDI	



			10 .Dr.Ranjan Kumar Mohapatra							
9	20202110 5895	Published	Anand Vandesi Betha Sashikanth Chittimoju Gayatri Gaddi Anand Kumar Jagadeesh Bandi Kusumanchi Teja Phaneendra Sateesh Kumar Mohiddin Md Khaja Nalla Sai Susmitha Ramani Marla venkatasurya roja Rongali Manoj Kumar	E- FUZZY FEATURE FUSION AND THRESHOLDI NG BASED SYSTEM FOR MORPHOLOG Y SEGMENTATI ON OF BRAIN MRI MODALITIES	Anand Vandesi Betha Sashikanth Chittimoju Gayatri Gaddi Anand Kumar Jagadeesh Bandi Kusumanch i Teja Phaneendra Sateesh Kumar Mohiddin Md Khaja Nalla Sai Susmitha Ramani Marla venkatasury aroja Rongali Manoj	28/10/2021	8/12/2021	20202110589 5	LENDI	

					Kumar					
10	20214105 1384	Published	Dr.Podugu Sr Rao Dr. S. Sridhar	Organic cake based Herbal Mosquito repellent composition and preparation method thereof	Dr.Podugu S Rao	10/11/2021	26/11/2021	48/2021	LENDI	
11	20214104 1798	Published	Rajasekhar Nallanagula Runa Kumari Dr. nareshkumar darimireddy	Dual Circularly Polarized Dielectric Resonator Based Compact Hybrid Antenna for Dual Functional Applications	Dr. Nareshkuma	16/09/2021	1/10/2021	40/2021	LENDI	

**DEPARTMENT OF SCIENCE AND HUMANITIES**

S	Patent Applicatio n No.	Status of Patent (Publis hed / Granted )	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/Y YYY)	Patent Published Date / Granted Date (DD/MM/Y YYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Appication)	Here, attach Source Proof Screenshot s/URL/ Website
---	-------------------------------	--	--------------------	------------------------	---------------------	--	--	--	--	---

										Links, etc.
1.	Application No.20204 1054492 A	Published	Dr. M. Balakrishna	Detachable Visor Wiper Apparatus for Helmets	Dr. M. Balakrishna	15/12/2020	01/01/2021	01/2021 Dated 01/01/2021	Lendi Institute Of Engineering And Technology, Vizianagaram	<a href="https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4939_1/Part-1.pdf">https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4939_1/Part-1.pdf</a>