



## VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

An Autonomous Institute, ISO9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade  
NBA Accreditation for B.Tech CE, EEE, ME, ECE, CSE, EIE, IT, AE Programmes  
Approved By AICTE, New Delhi, Affiliated to JNTUH, Hyderabad.  
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NIRF  
Ranking:  
135  
Engineering  
Category

EAMCET CODE :  
VJEC  
PGECET CODE:  
VJEC1

## PATENTS in IT Department Academic Year 2017-18 to 2022-23

S.NO	Name of the Faculty member	Title Of the patent/Design	Country	Institute	File Number	Status of the Patent	Date of the Application	Academic Year
1	Annaluri Sreenivasa Rao	A Novel pixel based method for satellite image classification	India	Indian Patent Authority	201841019513	Published	24/05/2018	2017-18
2	V.Radhakrishna	System and method to generate time-profiled temporal pattern tree	India	Indian Patent Authority	201841045647	Granted 26/05/2022	03/12/2018	2018-19
3	Annaluri Sreenivasa Rao	Cloud parking management system and vehicle anti-theft method	India	Indian Patent Authority	201921000271	Published	03/01/2019	2018-19
4	Annaluri Sreenivasa Rao	IOT-traffic system: iot based intelligent traffic, transport management System	India	Indian Patent Authority	201941004416	Published	04/02/2019	2018-19

<b>5</b>	V.Radhakrishna G. Rajeshkumar G. Sureshreddy N. Mangathayaru V. Sravankiran	System and method for diagnosis of diseases from medical images	India	Indian Patent Authority	202041020407	Granted 21/01/2022	14/05/2020	2019-20
<b>6</b>	Raswitha Bandi	IML-traffic prediction: intelligent traffic prediction using machine learning.	India	Indian Patent Authority	202041027655	Published	30-06-2020	2019-20
<b>7</b>	Dr.N.Sudhakar Yadav	An Air Gesture Based System For Communicating Between Multiple IOT Device	India	Indian Patent Authority	202041030653	Published	18-07-2020	2020-21
<b>8</b>	S.Sankar, Somula Ramasubbareddy, T.Aditya Sai Srinivas, P. Vinoth kumar	Smart Women Anti-violence Device			202041032421	Registered	29/7/2020	2020-2021
<b>9</b>	Dr.N.Sudhakar Yadav	A proficient method for categorical data clustering	India	Indian Patent Authority	202041035585	Filed	18-08-2020	2020-21
<b>10</b>	Tabassum, Nazia; Harinath, K.; Sree, Divya N.; Reddy, T. Rama; Masina, Venkata Rajesh; Ramana, Attili Venkata; Rao, Annaluri Sreenivasa;	Dima-dataset discovery: dataset discovery in data investigative using machine learning	Australia	Australia Patent	2020101987	Published	26/08/2020	2020-2021

	Kumar, Raja boina Raja; Shanmukhi, M. And Reddy, N Chandra Sekhar	and AI- based programm ing						
<b>11</b>	Dr.D.Srinivasa Rao	Method for Detecting health condition in plants using an aerial device based on deep learning approach	Indi a	Indian Patent Authori ty	20204 10431 02	Published	05-10-2020	2020-2021
<b>12</b>	Keesara Sravanthi	An IOT based automatic fatigue and health monitoring system during travel	Indi a	Indian Patent Authori ty	20204 10431 31	Published	05/10/2020	2020-21
<b>13</b>	KOLLI Srinivas	IUML- stock prices predictor Intelligent Stock prices Predictor using Machine learning	Indi a	Indian Patent Authori ty	20204 10459 68	Published	22-10-2020	2020-2021
<b>14</b>	D.Dakshayani himabindu	An Artificial Intelligenc e based system to identify the medical condition prior to doctor consultatio n	Aus trali a	Austral ia Patent	20201 03509	Published	18-11-2020	2020-21

<b>15</b>	Dr.N.Mangathayaru	Motorized Ankle foot Driven customized prosthetic leg with Exoskeleton	India	Indian Patent Authority	202141016519	Published	08-04-2021	2020-21
<b>16</b>	Devulapalli Sudheer Anupama Potti Vishalakshi Akula Somula Ramasubbareddy Md.Sameeruddin Khan	Smart Waste Segregation Based on Microwave Radar Signals and Deep Learning Models	India	Indian Patent Authority	202141025384	Published	08/06/2021	2020-21
<b>17</b>	Dr.G.Madhu	Deep learning based recursion of abnormality scenarios from computer vision based HAR Systems	India	Indian Patent Authority	202141024137A	Published	25/06/2021	2020-21
<b>18</b>	KOLLI Srinivas	REAL TIME PEDESTRIAN CROSSING DETECTION USING DEEP LEARNING	India	Indian Patent Authority	202141029987	Published	04-07-2021	2021-2022
<b>19</b>	Dr.Y.Usharani	Method and system for predicting breast cancer disease using Data	India	Indian Patent Authority	202141035028	Published	04-08-2021	2021-22

		Mining and Deep Learning Techniques						
<b>20</b>	Dr.G.Madhu	AI Based smart pulse oximeter	India	Indian Patent Authority	356667-001	filed	13/01/2022	2021-22
<b>21</b>	D.Dakshyani Himabindu	Method for prediction of Angina Pectoris based on the user input or dataset	India	Indian Patent Authority	202241044523A	Published on 19-08-2022	04-08-2022	2022-23

## PATENTS DETAILS

S.No	Academic Year	No. of Patents
1	2022-2023	1
2	2021-2022	3
3	2020-2021	11
4	2019-2020	2
5	2018-2019	3
6	2017-2018	1