



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**  
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



### Chaitanya Bharathi Institute of Technology, Hyderabad. Granted Patents Status.

S. No	Title	Appl No and date of filing/publishing/Granted	Inventors	Status	Link to the relevant document
1	Magneto Centrifugal Blood pump	Design No: 306263 PUBLICATION Dt: 01-06-2018	1. Prof. P. Ravinder Reddy 2. T.Rugveda	Design Accepted Granted: 30623 Dt: 08-04-2022	<a href="https://drive.google.com/file/d/1yF-LbdSs2YWcg-YitwydBapMjruWuBIB/view?usp=sharing">https://drive.google.com/file/d/1yF-LbdSs2YWcg-YitwydBapMjruWuBIB/view?usp=sharing</a>
2	Blood Pump Impeller, As a Design Patent	Design No: 305590 PUBLICATION Dt: 14-05-2018	1. Prof. P Ravinder Reddy 2. Sri T Rugveda	Design Accepted Granted: 305590 Dt: 24-12-2021	<a href="https://drive.google.com/file/d/19A_TbH6FX8gP23loEtLNOnMAOlw7Dvlr/view?usp=share_link">https://drive.google.com/file/d/19A_TbH6FX8gP23loEtLNOnMAOlw7Dvlr/view?usp=share_link</a>
3	A Composite Material Extrusion and Method of Manufacturing Thereof	Appl. No: 201741015659 PUBLICATION Dt: 12-05-2017	1. Prof. P Ravinder Reddy 2. Dr. Ishtiaq Ahmed Khan 3. Dr. Aleem Pasha 4. Mr. P V Kaulgud	Granted Patent No: 385240 Dt: 27-12-2021	<a href="https://drive.google.com/file/d/1kjpWzd0YdwAKSRwii3QchXPAQL9hPHbM/view?usp=share_link">https://drive.google.com/file/d/1kjpWzd0YdwAKSRwii3QchXPAQL9hPHbM/view?usp=share_link</a>
4	An Apparatus and Method for Joining of Weldable or Non-Weldable Materials	Appl No: 1550/MUM/2013 PUBLICATION Dt: 20-03-2015	1. Prof. P Ravinder Reddy 2. Dr. Isthiaq Ahmed Khan	Granted Patent No: 352628 Dt: 27-11-2020	<a href="https://drive.google.com/file/d/1DAOBQuUBn2uxH2nLCN8lauVz89Avr6Em/view?usp=share_link">https://drive.google.com/file/d/1DAOBQuUBn2uxH2nLCN8lauVz89Avr6Em/view?usp=share_link</a>
5	System and Method for Palm Leaf Character Recognition Using 2d Haar Wavelet Transform and 3d Feature	Appl No: 20164100008 PUBLICATION Dt: 15-01-2016	1. Dr. Panyam Narahari Sastry 2. Dr. N V Koteswara Rao 3. Dr. Ramakrishna Krishnan	Granted Patent No: 400741 Dt: 04-07-2022	<a href="https://drive.google.com/file/d/1yo6SaWeLjpO2Vrc4l6pYKL_jEzRf3hf/view?usp=share_link">https://drive.google.com/file/d/1yo6SaWeLjpO2Vrc4l6pYKL_jEzRf3hf/view?usp=share_link</a>
6	Control on pollution levels of petrol engine with low cost catalytic converter	Appl No: 202141044968 PUBLICATION Dt: 05-11-2021	1. Dr. M. V.S. Murali Krishna 2. Mrs. Ipsita Mohanty 3. Dr. Ch.Indira Priyadarshini 4. Dr. S.Narasimha Kumar	Granted Patent No: 406205 Dt: 09-09-2022	<a href="https://drive.google.com/file/d/1XUOTP7nhZt_Pcj9ax_bqS4jkt1lj7m39/view?usp=share_link">https://drive.google.com/file/d/1XUOTP7nhZt_Pcj9ax_bqS4jkt1lj7m39/view?usp=share_link</a>
7	Enhancement of Transfer of heat in a corrugated heat exchanger	Appl No: 202241038959A PUBLICATION Dt: 22-07-2022	1. M.V.S.Murali Krishna 2. N.V.Rao 3. B.Sreedhara Rao	Granted Patent No: 418948 Dt:23-01-2023	<a href="https://drive.google.com/file/d/1jynWxc0aXUQDNBbGW3jeLUmf5dsCA4W1/view?usp=share_link">https://drive.google.com/file/d/1jynWxc0aXUQDNBbGW3jeLUmf5dsCA4W1/view?usp=share_link</a>
8	Diesel engine with different levels of Insulation for controlling pollution levels	Appl No: 202241038961A PUBLICATION Dt: 22-07-2022	1. M.V.S.Murali Krishna 2. R.P.Chowdary 3. V.V.R.Seshagiri Rao 4. N.Janardhanan	Granted Patent No: 419495 Dt: 30-01-2023	<a href="https://drive.google.com/file/d/1h_n1oppNE5JCdew5dSMV-RWi-lxsk6ed/view?usp=share_link">https://drive.google.com/file/d/1h_n1oppNE5JCdew5dSMV-RWi-lxsk6ed/view?usp=share_link</a>
9	Control of pollutant levels of insulated diesel engine operated with CNG and ethanol	Appl No: 202241038958A PUBLICATION Dt: 15-07-2022	1. M.V.S.Murali Krishna 2. P.V.R.Ravindra Reddy 3. S.Narasimha Kumar 4. Y.S.Kannan	Granted Patent No: 418087 Dt: 16-01-2023	<a href="https://drive.google.com/file/d/1U-Dyw1pfN3h2W_r1zdMleCLi_kXlXqZ/view?usp=share_link">https://drive.google.com/file/d/1U-Dyw1pfN3h2W_r1zdMleCLi_kXlXqZ/view?usp=share_link</a>
10	Insulated Partially adiabatic diesel engine (PADE) with an insulated piston operated with methanol and vegetable oil	Appl No: 202141044970A PUBLICATION Dt: 05-11-2021	1. Dr. M. V.S. Murali Krishna 2. Dr. N.Janardhan 3. Dr. R.P. Chowdary 4. Dr. V.V.R. Seshagiri Rao	Granted Patent No: 424585 Dt: 09-03-2023	<a href="https://drive.google.com/file/d/1FeQdkm7u1C6o45O15teIXzkHT-rpXp8z/view?usp=share_link">https://drive.google.com/file/d/1FeQdkm7u1C6o45O15teIXzkHT-rpXp8z/view?usp=share_link</a>