



**CHAITANYA BHARATHI**  
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## Department of Civil Engineering

### Details of Patents

Sl. No.	Title	Appl. No, and date of filing/ publishing/ Granted	Inventors	Status
1	A sustainable lightweight geopolymer building blocks with pet flakes, GGBS and fly ash.	Application No.: 202241034481 A Date of filling: 16/06/2022 Date of publishing: 15/07/2022	1. Dr. B. Sudheer Kumar Reddy, 2. Dr. Anuja Charpe, 3. Dr. Venkatesh Noolu, 4. Dr. Chaitanya Srikrishna.	Published on 15/07/2022 Under Examination.
2	Self-compacting concrete with processed recycled coarse aggregate.	Application No.: 2021104204 Date of filling: 15/07/2021 Date of Grant: 25/08/2021	1. Dr. N.R. Dakshina Murthy, 2. Srikanth Nune, 3. D. Rama Seshu.	Granted on 25/08/2021
3	High strength concrete with alccofine as replacement of cement.	Application No.: 202141028030A Date of filling: 22/06/2021 Date of publishing: 02/07/2021	1. Dr. N.R. Dakshina Murthy, 2. Dr. K. Jagannadha rao, 3. Dr. D. Rama Seshu.	Published on 02/07/2021 Under Examination.
4	A novel method for emotion detection of child autism Spectrum disorder(ASM) using machine learning.	Application No.: 202041029727 Date of filling: 13/07/2020 Date of publishing: 31/07/2020	1. Mr R. Srivel 2. Mr. Ramanarayan Sankriti 3. Mr. D. Sathya Narayanan 4. Mrs. G. Jyothi 5. Mr. Palvadi Srinivas Kumar 6. Mr. Pradeep K G M 7. Mrs. Gira Aparna, 8. Mrs. Pattipati Mounica 9. Mrs. Parvathi Pothumani	Published on 31/07/2020 Under Examination.

5	Remote monitoring and control of electrical machines in manufacturing industries using wireless sensor networks.	Application No.: 202041022860 Date of filling: 01/06/2020 Date of publishing: 12/06/2020	<ol style="list-style-type: none"><li>1. Dr. M. Saravanan</li><li>2. Dr. S. Arul Kumar</li><li>3. Dr. Pathan Rahira</li><li>4. Mr. Ramanarayan Sankriti</li><li>5. Mr R. Srivel</li><li>6. Mrs. G. Jyothi</li><li>7. Dr. S. Vani</li><li>8. Mrs. Pattipati Mounica</li><li>9. Mr. Palvadi Srinivas Kumar</li></ol>	Published on 12/06/2020 Under Examination.
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