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FIELD OF INVENTION	METALLURGY
E-MAIL (As Per Record)	subhansk3@gmail.com
ADDITIONAL-EMAIL (As Per Record)	subhan.sk@vishnu.edu.in
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(71)Name of Applicant :

1)Vishnu Institute of Technology,

Address of Applicant :Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh-534202 Bhimavaram -----

Name of Applicant : NA
Address of Applicant : NA

(72)Name of Inventor :

1)pathan fayaz

Address of Applicant :Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh-534202 Bhimavaram -----

2)shaik subhan alisha

Address of Applicant :Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh-534202 Bhimavaram -----

3)V.V.S Sarma

Address of Applicant :Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh-534202 Bhimavaram -----

4)K.Satya Sai Kumar

Address of Applicant :Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh-534202 Bhimavaram -----

5)Shaik Mastan Vali

Address of Applicant :Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh-534202 Bhimavaram -----

(57) Abstract :

Numerous studies have been conducted to determine the best ways to use fly ash and pond ash in the construction sector since they have the right pozzolanic qualities. Fly ash and Pond ash application in construction materials have several advantages like economic effectiveness, environmental friendly, improvements in strength and also conservation of natural resources and materials. The results of the tests were compared to those of regular bricks. Bricks produced using fly ash have a compressive strength of more than 20 MPa. This often outperforms the best load-bearing clay bricks on the market by over 25% and is far superior than conventional clay bricks that are allowed for commercial use. Fly ash bricks are more affordable, stronger, and more lasting than traditional clay bricks. Additionally, there is less pollution produced during the fly ash brick making process. Fly ash bricks have significantly less dampness-related problems than their clayey counterparts because they are less permeable than clay bri

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