



Dr. Vijaya Kumar Chodavarapu

GET MY OWN PROFILE

All Since 2020

Citations	157	155
h-index	6	6
i10-index	5	5

Ph.D in Acoustics, Vibration
NITK

Rock Drilling
CAD/CAM
Manufacturing
Acoustics and Vibration
Robotics

0 articles 1 article

not available available

Based on funding
mandates

TITLE CITED BY YEAR

Estimating rock properties using sound signal dominant frequencies during diamond core drilling operations 50 2019

CV Kumar, H Vardhan, CSN Murthy, NC Karmakar
Journal of Rock Mechanics and Geotechnical Engineering 11 (4),
850-859

PROFESSOR
KASIREDDY NARAYAN REDDY COLLEGE
OF ENGINEERING AND RESEARCH
Abdullapur (V), Hayathnagar (M),
R. R. District-501 505.

TITLE	CITED BY	YEAR
Multiple regression model for prediction of rock properties using acoustic frequency during core drilling operations	V Kumar, H Vardhan, CSN Murthy Geomechanics and Geoengineering 15 (4), 297-312	29 2020
Artificial neural network for prediction of rock properties using acoustic frequencies recorded during rock drilling operations	CV Kumar, H Vardhan, CSN Murthy Modeling Earth Systems and Environment 8 (1), 141-161	26 2022
Quantification of rock properties using frequency analysis during diamond core drilling operations	CH Vijaya Kumar, H Vardhan, CSN Murthy Journal of the Institution of Engineers (india): Series D 100, 67-81	26 2019
Prediction of specific energy using dominant frequency of acoustics produced during diamond core drilling		10 2020

KASIREDDY SUBBAREDDY
 OF ENGLISH (N), HOSUR (M)
 Abdullapur (N), Hosur (M)
 R.R. District 501 505

TITLE	CITED BY	YEAR
operations V Kumar, CSN Murthy, H Vardhan AIP conference proceedings 2204 (1)		
New approach for prediction of specific energy using sound levels produced during core drilling operations V Kumar Geomechanics and Geoengineering 17 (5), 1353-1368	9	2022
Noise assessment in mines—a critical review CHV Kumar, CSN Murthy, H Vardhan Concurrent Advances in Mechanical Engineering 2 (1), 6-11	4	2016
Influence of rock properties on thrust and torque during rock coring operations a case study SAVKC Venkatachalam Pasupuleti Petroleum Science and Technology, 1-26	3	2023
Mathematical Modeling for Forecasting Specific Energy Using Thrust and Torque Involves Regression Analysis		2024


 KASIREDDY
 OF ENGINEERING RESEARCH
 Abdullapur (V), Mayamagal (M),
 R.R. District-501 505.

TITLE

CITED BY YEAR

V Pasupuleti, S AVNL, VK Chodavarapu
Available at SSRN 5089126

A Review on the Present Status of Organic Farming in

2022

India

JHVCVK B.V.V. Balaram Bhagath*
Frontiers in Crop Improvement 10 (3826-3839), 14

Spirulina Cultivation : Super Food for All Living

2021

Organisms

CVKPJ B.V.V. Balaram Bhagath*
Frontiers in Crop Improvement 9 (4345-4349), 5

Prediction of Rock Properties and Specific Energy

2021

using Sound Levels Produced during Diamond Drilling

CV Kumar

National Institute of Technology Karnataka, Surathkal

Performance Analysis of Regenerative Feed Heating in

2014

A Steam Power Plant


PRINCIPAL
KASIREDDY NARAYAN REDDY COLLEGE
OF ENGINEERING AND RESEARCH
Abdullapur (V), Havelynagar (M),
R. R. District-507 505.

TITLE

CITED BY YEAR

DME Ch.vijaya kumar1M.tech(cad/cam)
IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)
11 (Issue 2 ...

Frontiers in Crop Improvement
BVVB Bhagath, JH Varaprasad, CV Kumar
Volume 10 Special Issue-VII December 2022, 3826

FE Analysis on Vehicle Bumper Using Different
Materials and Speeds
CHVKJA Madarapu, AAV Mohan


PRINICIPAL
KASIREDDY NARAYAN REDDY COLLEGE
OF ENGINEERING AND RESEARCH
Abdullapur (V), Hayathnagar (M),
R. R. District-501 505.