



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade

Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur

Near Chitranagari, Kolhapur - 416013 (MS)

DTE INSTITUTE CODE : EN-6288

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Web : <http://coekolhapur.bharatividyaapeeth.edu> E- mail : coekolhapur@bharatividyaapeeth.edu

FOUNDER CHANCELLOR

Dr. Patangrao Kadam

M.A., LL. B., Ph. D.

PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

NAAC SSR CYCLE- 2

Criterion 6	Governance, Leadership and Management
Key Indicator 6.3	Faculty Empowerment Strategies
6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during 2020-21	

Academic Year 2020-21

Sr No	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
1	Dr. Sunil Kadam	“Fundamentals of Automotive Systems”	–	1100/-
2	Mrs. Sarita Shinde	“Effective Engineering Teaching in Practice”	–	1100/-
3	Mr. Mayur More	“Review paper on base isolator subjected to near field, far field and low frequency earthquake”	–	1200/-
4	Mr. Nitish Mohite	“Response spectrum Analysis of G+15 building with and without base isolation system”	–	1200/-
5	Mr. Vivek Mane	“Review on torsional behavior of rectangular reinforced concrete beam with encased welded wire mesh fiber”	–	1000/-
6	Dr. Kedar Joshi	“Soft Skill”	–	1100/-
7	Mr.S.B.Kamble	NPTEL-AICTE FDP on “Manufacturing Process: Casting & Joining”	–	500/-










Date:-

To,
The Principal,
B.V.C.O.E., Kolhapur
Subject: - Regarding reimbursement of Workshops/Seminar/Conference/Journal expenses.

Respected Sir,

I undersigned Mr. Asit Kittur working as Assistant Professor. As per the policy of the college, faculties who have attended Workshops/Seminar/Conference/Journal in year 2020-21, it is necessary to reimburse their registration expenses.

Following is the list of it

Sr. No	Name of the faculty	Workshops/Seminar/Conference/Journal attended	Date	Registration Fee in Rs.	Sign
1	Dr. Sunil Kadam	"Fundamentals of Automotive Systems" NPTEL	Jan-Apr 2021	1100/-	
2	Dr. Sunil Kadam	"IC Engines and Gas Turbines" NPTEL	Jan-Apr 2021	1100/-	
3	Mrs. Sarita Shinde	"Effective Engineering Teaching in Practice" NPTEL	Jan-Feb 2021	1100/-	
4	Mr. Mayur More	"Review paper on base isolator subjected to near field, far field and low frequency earthquake" published at IJRASET	May 2021	1200/-	
5	Mr. Nitish Mohite	"Response spectrum Analysis of G+15 building with and without base isolation system" published at IJRASET	May 2021	1200/-	
6	Mr. Vivek Mane	"Review on torsional behavior of rectangular reinforced concrete beam with encased welded wire mesh fiber" published at ICRASET	Sep 2020	1000/-	
7	Mr. Nitish Mohite	"Digital land surveying and mapping" NPTEL	Feb-Apr 2021	1000/-	
8	Dr. Kedar Joshi	"Soft Skill" NPTEL	Sep-Dec 2020	1100/-	
9	Dr. Kedar Joshi	"Technical English for Engineers" NPTEL	Sep-Nov 2020	1100/-	
Total				9900/-	

So, kindly sanction the same


Mr. Asit Kittur



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To
SUNIL JAGANNATH KADAM
BHARATI VIDYAPEETH ENGINEERING COLLEGE
R K NAGAR, KOLHAPUR
KOLHAPUR
MAHARASHTRA - 416013
PH. NO :9960108842



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

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(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SUNIL JAGANNATH KADAM

for successfully completing the course

Fundamentals of Automotive Systems

with a consolidated score of **49** %

Online Assignments	16.97/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 373

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21DE02S23830072

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**Payment Status**

Hello SUNIL JAGANNATH KADAM,

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Course	Amount
Fundamentals of Automotive Systems	₹ 1100
IC Engines and Gas Turbines	₹ 1100

Here are your transaction details:

Transaction ID	3233694f591c41939ad6d13b9387d21e
Billdesk Reference	VUR29730308677
Date	08/02/2021 11:04:23 IST
Total Amount	₹ 2200

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To
MRS SHINDE SARITA SANTAJI
R.K. NAGAR
MOREWADI
KOLHAPUR
MAHARASHTRA - 416013
PH. NO :9881446619



Score	Type of Certificate
>=90	Elite+Gold
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>=60	Elite
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<40	No Certificate

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Elite

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This certificate is awarded to

MRS SHINDE SARITA SANTAJI

for successfully completing the course



Effective Engineering Teaching in Practice

with a consolidated score of **76** %

Online Assignments	21.75/25	Proctored Exam	54.49/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 475

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2021
(4 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



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to me

Hello Mrs Shinde Sarita Santaji,

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Course	Amount
Effective Engineering Teaching In Practice	₹ 1100

Here are your transaction details:

Transaction ID	1b6c002f57fc4cc58b78ef2702d17773
Billdesk Reference	VSM29724884984
Date	06/02/2021 10:56:11 IST
Total Amount	₹ 1100

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IJRASET

**International Journal for Research in Applied
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IJRASET is indexed with Crossref for DOI-DOI : 10.22214
Website : www.ijraset.com, E-mail : ijraset@gmail.com

Certificate

*It is here by certified that the paper ID : IJRASET34000, entitled
A Review Paper on Base Isolators Subjected to Near-Field (NF), Far
Field (FF) and Low Frequency Earthquakes*

by

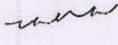
Mayur. M. More

*after review is found suitable and has been published in
Volume 9, Issue V, May 2021*

in

*International Journal for Research in Applied Science &
Engineering Technology*

Good luck for your future endeavors

Py 

Editor in Chief, IJRASET

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International Journal for Research in Applied Science & Engineering Technology (IJRASET)
ISSN: 2217-9653; IC Value: 43.98; SJ Impact Factor: 7.429
Volume 9 Issue V May 2021 - Available at www.ijraset.com

A Review Paper on Base Isolators Subjected to Near-Field (NF), Far Field (FF) and Low Frequency Earthquakes

Mayur M. More¹, Vidyanand S. Kasham², Satish S. Kotwal³, Akshay M. Jadhav⁴, Girish M. Malu⁵
^{1,2,3,4} Assistant Professor, Bharati Vidyapeeth's College of Engineering, Kolhapur,
⁵ Associate Professor, Dr. J. J. Mughim College of Engineering

Abstract: The elastomeric bearing systems are not likely to perform well under near-field and low frequency ground motions. These ground motions contain pulse type and low frequency components respectively. Due to such type of components the horizontal displacement of elastomeric bearing is very high. The NZ system contains lead core, which adds damping in the system. Due to introduced damping the force deformation behavior of NZ is nonlinear. This will restrict the horizontal displacement of NZ system. But even after this provision the deformation of isolator is quite high. The sliding isolation system may perform better than elastomeric bearing system under near-field and low frequency ground motions as large horizontal displacement of sliding system may not cause failure of the system. However due to lack of restoring force in case of PS, the residual displacement of Pure friction (PF) may be quite high. Frequency pendulum (FPS) has a constant frequency and if the isolator frequency of FPS and excitation frequency match then it may lead to excessive restoring force and corresponding increase in accelerations. The excitation frequency of low frequency ground motion may be from 1s to 2s. Hence the sliding of FPS may be quite high. Ultimately it will introduce higher storey acceleration and base shear. Variable frequency pendulum system (VFP) has a varying frequency hence it never comes in resonance amplification under any type of excitation. This due to softening mechanism of restoring force the sliding and residual displacement of VFP are possibly controlled under near-field and low frequency ground motions.

Keywords: Near-Field, Far-Field (FF), low frequency earthquakes, Frequency pendulum, Variable frequency pendulum system.

1. INTRODUCTION

Amongst all the natural hazards, earthquakes have the potential of causing greatest damages. Earthquakes are caused by differential



ISSN No. : 2321-9653

IJRASET

**International Journal for Research in Applied
Science & Engineering Technology**

IJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : www.ijraset.com, E-mail : ijraset@gmail.com

Certificate

*It is here by certified that the paper ID : IJRASET34519, entitled
Response Spectrum Analysis of G+ 15 Story Building with and without
Base Isolation System*

by

Mr. Nitish A. Mohite

*after review is found suitable and has been published in
Volume 9, Issue V, May 2021*

in

*International Journal for Research in Applied Science &
Engineering Technology*

Good luck for your future endeavors

By [Signature]

Editor in Chief, IJRASET



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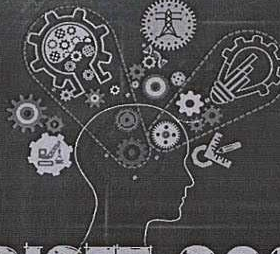
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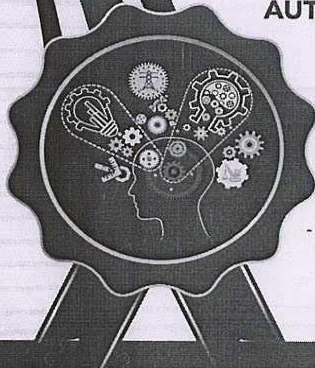
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during 4th - 5th SEPTEMBER, 2020**

AUTHORS :- Vivek Mane and Nandkumar Patil



PAPER ID : 270



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Indrajit N. Patel

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R.K. NAGAR, MOREWADI, KOLHAPUR
KOLHAPUR
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Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
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This certificate is awarded to
MR KEDAR SHARAD JOSHI
for successfully completing the course



Soft Skills

with a consolidated score of **82** %

Online Assignments	20.81/25	Proctored Exam	61.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3401**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Dec 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL20HS60S81800078

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From: <exam@nptel.iitm.ac.in>
Date: Tue, 27 Oct, 2020, 10:47 AM
Subject: Exam Registration: Payment Successful
To: <prayatnakj@gmail.com>

Hello Mr Kedar Sharad Joshi,

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Course	Amount
Technical English for Engineers	₹ 1100
Soft skills	₹ 1100

Here are your transaction details:

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Billdesk Reference	VUR29394599667
Date	27/10/2020 10:45:52 IST
Total Amount	₹ 2200

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To
SUYASH BABASAHEB KAMBLE
767/13/10 "SANTOSH", NANDANVAN COLONY
OPP. BALAJI PARK, RAMANAND NAGAR ROAD
KOLHAPUR
MAHARASHTRA - 416007
PH. NO :8928466708



Score	Type of Certificate
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>=60	Elite
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This certificate is awarded to

SUYASH BABASAHEB KAMBLE

for successfully completing the course

Manufacturing Processes - Casting and Joining

with a consolidated score of **43** %

Online Assignments	12.5/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: 279

Prof. Rajesh M. Hegde
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Feb 2021
(4 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21ME40S21810062

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Ledger book Page No.

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COLLEGE OF ENGINEERING, KOLHAPUR

Vr. No.

VOUCHER

To,
The Principal,
Bharati Vidyapeeth's COLLEGE OF ENGINEERING, KOLHAPUR.

Name of the person receiving the Amount Suryash B. Kamble

Address B.V.C.O.E., Kolhapur

Account

Date 16/10/2021

PARTICULARS	Rs.
NPTEL-AICTE PDP on "Manufacturing Processes: Castings & Joining"	500/-
Total Rs. in words <u>five hundred only</u>	<u>500/-</u>

Amount as per above particulars received by cash / by cheque No.....Bank.....


Principal


Administrative officer


Accountant/Cashier


Sign. of Receiver