



# Sri Venkateswara College of Engineering

Pennalur –Sriperumbudur,602117

(An Autonomous Institution – Affiliated to Anna University, Chennai)

## DEPARTMENT OF MECHANICAL ENGINEERING

Report on

ISTE Sponsored One day National level Workshop on  
“Mechanical Vibration, Mitigation Approaches and  
Measurement Techniques for Structural Applications”

30<sup>th</sup> March, 2017

### Coordinators

**Dr. R. Ramesh**

**Dr. C. Senthamarai Kannan**

Dr. S. RAMESH BABU, M.E., Ph.D  
Professor & Head  
Department of Mechanical Engineering  
Sri Venkateswara College of Engineering  
Pennalur, Sriperumbudur (TK) - 602117.  
Tamilnadu, INDIA.

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Sri Venkateswara College of Engineering  
Department of Mechanical Engineering

To  
Dr. RR  
Re  
21/3/17

Submitted to The Principal

07/03/2017

Through The HOD/ME

Dear Sir,

**Sub:** Requesting approval for conducting Two day workshop on "Mechanical Vibration and Measurement Techniques" in the month of March, 2017-Reg.

We are interested to conduct a Two Day workshop on "**Mechanical Vibration and Measurement Techniques**" in the month of March, 2017. We plan to invite the experts from IIT Madras, Anna University, Chennai and also from R&D divisions of industries for delivering lectures in the workshop. Tentatively we expect around 30 external and internal participants from various Institutions/Industries. The registration fee of Rs 1500/- will be collected from Industrial participants and Rs 750/- from Faculty members & Students.

To conduct this event, I seek financial support from the Industries for a sum of Rs. 30,000/- and the registration amount collected from the participant will be utilized for organizing this workshop.

Principal's Kind permission is requested for conducting the workshop.

Thanking you in anticipation

Yours sincerely,

Dr. R. Ramesh

Dr. R. Ramesh,  
Professor/ME

07/03/17

Recommended & forwarded to the Principal for approval. The detailed Expected Expenditure for the workshop is shown at the reverse side of this sheet.

Ramesh

9/3/17

To: HOD-ME

Food need not be provided for internal participants;  
Reduce the cost of providing food and cut down the regn fee to enable more registrations. Approved for a self-sponsored event

[P.T.O]

Ramesh  
18/3/17



**Details of Income:**

| S.No. | Revenue Details   | Amount<br>Rs /- |
|-------|---|-----------------|
| A.    | Contribution by Industries/Associations                               | 30,000          |
| B.    | Registration Fees Collected from 30 Participants<br>(Rs 750 * 30 Nos) | 22,500          |
|       | Grand Total (A+B)   | 52,500          |

**Details of Estimated Expenditure: (In Rupees )**

| Sl. No. | Description                            | Amount<br>(in Rs) |
|---------|--|-------------------|
| 1       | Travel charges for experts (4 Experts) | 10,000            |
| 2       | Honorarium/Memento/Gift Charges        | 14,000            |
| 3       | Stationary for 30 participants         | <u>2,500</u>      |
| 4       | Certificates and Banner Charges        | 6,000             |
| 5       | High Tea and Food Charges              | 20,000            |
|         | <b>TOTAL</b>                           | <b>52,500/-</b>   |

*R. Ramesh*  
Dr. R. Ramesh  
Professor/ME

07/03/17

*Ramesh*  
9/3/17

File/1P

[P. J. O.]

Approved for a self-organized event  
Cut down the room fee to enable more  
participations. Involving food and  
other participants.  
Food will not be provided for  
To: Ho-HE

Department of Mechanical Engineering  
Sri Venkateswara College of Engineering

15-03-2017

To  
The Chairman,  
ISTE SVCE Chapter,  
SVCE.

Through HOD/ME

Recommended & forwarded  
to The chairman,  
ISTE, SVCE Chapter

Sub: Requesting partial fund for conducting One day Workshop on "Mechanical <sup>bu</sup>  
**Vibration, Mitigation Approaches and Measurement Techniques for Structural** <sub>22/3/17</sub>  
**Applications**" - Dt: 30<sup>th</sup> March 2017 - Reg.

Dear Sir,

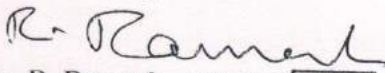
We are please to inform you that our Mechanical department is organizing a One day National level workshop on "One day Workshop on "Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications", 30<sup>th</sup> March 2017. The objective of this two day workshop is to explore and promote the basic knowledge in Vibration, Measurement techniques and mitigation approaches. The program will be very much useful for researchers/ industry practitioners and teaching faculty.

Experts from Indian Institute of Technology-Madras (IITM), R & D Engineers from various organizations will deliver lecturers in this workshop. This workshop will facilitate a wide spectrum of researchers in knowledge sharing and discussions.

In this regard, we kindly request you to partially sponsor for this workshop. Your valued co-operation in this regard shall be highly appreciated.

Thanking you,

Yours sincerely



**Dr. R. Ramesh.**, M.E., Ph.D., (IITM)

Professor & Coordinator,  
Department of Mechanical Engineering,  
Sri Venkateswara College of Engineering,  
Pennalur, Sriperumbudur, 602117.  
rameshaja@svce.ac.in



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**Fwd: One Day National Level Workshop on “Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications”, 30th March 2017 -Reg**

1 message

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**Hod Mech** <hodme@svce.ac.in>  
To: Faculty Group <svcefaculty@svce.ac.in>

Sat, Mar 25, 2017 at 4:05 PM

Dear Professors,

Request to inform your colleagues and friends to participate in this workshop

--

With Regards,

**Dr. S. Ramesh babu**

Professor and Head

Department of Mechanical Engineering  
Sri Venkateswara College of Engineering  
No.1, Pennalur, Irungattukottai Post,  
Sriperumbudur Taluk. - 602 117.  
Ph.: +91-44-2715 2000 Ext.: 400  
Mobile No.: +91-99624 86928

----- Forwarded message -----

From: **RAMESH R MEC** <rameshrama@svce.ac.in>

Date: 25 March 2017 at 16:03

Subject: One Day National Level Workshop on “Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications”, 30th March 2017 -Reg

To: HOD MECH <hodme@svce.ac.in>

Dear Sir,

Kindly forward this mail to our SVCE faculty members.

Thank you,

Dr.R.Ramesh.

Prof/ME.

\_\_\_\_\_

**Dear Professors,**

We are pleased to inform you that our Mechanical Department is organizing ISTE Sponsored, One Day National Level Workshop on “[Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications](#)”, 30<sup>th</sup> March 2017.

Thanking you

With Regards,

[Dr.R.Ramesh](#), M.E., Ph.D (IIT M)  
Professor, Mechanical Engineering,  
Asst. Dean - Academics,  
Sri Venkateswara College of Engineering,  
Pennalur, Sriperumbudur Tk,  
PIN: 602117.  
Ph:044-27152000:: Extn:403  
Mobile:09445247374

Email: [rameshrajagmail.com](mailto:rameshrajagmail.com)

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 **Mechanical Vibration brochure -SVCE.pdf**  
126K

## ABOUT THE INSTITUTE

Sri Venkateswara College of Engineering was established in the year 1985, with three academic departments. Ever since, it has grown into a premier institution imparting knowledge and excellence through academic, research and infrastructural developments. SVCE now offers ten UG and twelve PG courses in various engineering disciplines. Ten departments are recognized as research centers for M.S. and Ph.D. programmes by Anna University, Chennai. It is actively involved in many research programmes funded by various industries and organizations, supported by well dedicated faculty, staff and student community. The campus, spread over 95 acres, is located on Chennai-Bengaluru highway. The college is located amidst many renowned industries like Hyundai, TAFE, Nokia, Samsung, Dell and Saint-Gobain, to mention a few.

## ABOUT THE DEPARTMENT

The department of Mechanical engineering is accredited by the National Board of Accreditation (NBA) since 1998 and is one of the approved research centre by Anna University, Chennai. With well equipped laboratories, approved research supervisors and dedicated faculty members, the department offers UG/PG courses and specializes in the fields of Thermal, Design, Manufacturing and Industrial Engineering. It also houses two research cells, Fibre Reinforced Plastics cell (FRP) and Multi disciplinary Bio-Fuel Research Cell, which are used extensively for undertaking research and consultancy projects. The department has MOU's with many industries to jointly work on research and development. AICTE funded projects for an amount of Rs 50 lakhs was carried out in the past three years.

## PROGRAM OBJECTIVE

The objective of this workshop is to explore and promote the basic knowledge in Vibration, Measurement techniques and mitigation approaches. The program will be very much useful for researchers/ industry practitioners and teaching faculty. This workshop will lead to a wide spectrum of Academicians /Students and Researchers in knowledge sharing and discussions.

## TOPICS COVERED

- Free and Forced Vibration Analysis
- Basics of Vibration System under Multi-degree of Freedom
- Vibration Equipments and Measurement Techniques
- Mechanical vibration: Mitigation approaches

### Practical sessions on

- Free and Forced Vibration study of Plates/Beams
- Modal Shape Observation and Analysis

## RESOURCE PERSONS

The workshop has many technical sessions with presentations by experts from premiere institutions



**ISTE Sponsored**  
**One day National level Workshop**

On

**Mechanical Vibration,  
Mitigation Approaches and  
Measurement Techniques for  
Structural Applications**

**30<sup>th</sup> MARCH 2017**

**Coordinators**

**Dr. R. Ramesh**

Professor

**Mr. C. Senthamaraiannan**

Assistant Professor

**Organized by**

**Department of Mechanical Engineering**  
**Sri Venkateswara College of**  
**Engineering**  
**Chennai Bengaluru Highway, Pennalur,**  
**Sriperumbudur – 602 117**





## REGISTRATION FORM

ISTE Sponsored



### One Day National level Workshop

on

### Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications

30<sup>th</sup> MARCH 2017

1. Name :
  2. Designation :
  3. Qualification :  
(Degree, Specialization)
  4. Age & Sex :
  5. Experience :
  6. Institution :
  7. Address for Communication:  
  
Mobile :  
E-mail :
  8. Demand Draft details:  
  
Bank:  
DD No.:                      DD Date:
- Place:  
Date:                      **Signature of the applicant**

### REGISTRATION FEE

- Faculty/Research Scholars                      – Rs. 500/-  
PG/UG Students                                      – Rs. 300/-  
Professionals from Industries/R&D – Rs.1000/-

Registration Fee is payable by Demand Draft (DD) drawn in favour of ‘*The Principal, Sri Venkateswara College of Engineering*’, payable at Chennai, is to be sent along with the registration form to the Coordinator. The number of participants is limited. The selection will be on first cum first serve basis.

No TA/DA will be provided.

### PARTICIPANTS

Application for participation is welcome from Faculty members, Research scholars, Professionals from Industries and R&D organizations and students from academic institutions.

### IMPORTANT DATES

- Last date for Registration : **27. 03.2017**  
Notification of Acceptance : **28. 03.2017**  
Acceptance will be intimated through email

### VENUE

#### Function Hall

Sri Venkateswara College of Engineering

### ORGANISING COMMITTEE

#### PATRON

**Dr. S. Ganesh Vaidyanathan**  
Principal/SVCE

#### CONVENER

**Dr. S. RAMESHBABU**  
Professor and HoD/ME

#### ADVISORY COMMITTEE

**Dr. K.Pitchandi**,  
CoE & Professor/ Mech. Engg., SVCE

**Dr. K.S. Badrinathan**  
Professor/Mech. Engg., SVCE

**Dr. N. Muthukrishnan**  
Professor/Mech. Engg., SVCE

**Dr. T. Raja**  
Professor/Mech. Engg., SVCE

**Dr. S.Saravanan**  
Professor/Mech. Engg., SVCE

**Prof. S.Ramesh**,  
Warden & Professor/ Mech. Engg., SVCE

**Mr. S. Gopinath**  
Associate Professor/Mech. Engg., SVCE

**Dr. S. Ilaiyavel**  
Associate Professor/Mech. Engg., SVCE

**Dr. M.Mohandass**  
Associate Professor/Mech. Engg., SVCE

**Dr. M.Ananth kumar**  
Associate Professor/Mech. Engg., SVCE

**Dr. M.Premananth**  
Associate Professor/Mech. Engg., SVCE

### ADDRESS FOR COMMUNICATION

**Dr. R. Ramesh**, M.E, Ph. D (IIT M)  
Professor & Coordinator,  
Department of Mechanical Engineering,  
Sri Venkateswara College of Engineering,  
Pennalur, Sriperumbudur Tk, Pin – 602117.  
Phone: +91-44-27152000:: Ext: 403  
Mob: 9445247374/ 9940473966  
E mail: rameshrraja@svce.ac.in

## Program Schedule

| <b>30<sup>th</sup> March 2017</b> |  |   |
|-----------------------------------|--|---|
| <b>8.30-9.15 AM</b>               | <b>Registration</b>  |   |
| <b>9.15-10.00 AM</b>              | <p align="center"><b>Inaugural Function</b><br/> <b>Welcome Address</b><br/> <b>Dr.R.Ramesh, Prof/MEC,SVCE</b><br/> <b>Inaugural Address by</b><br/> <b>Dr. Chandramouli, P.</b><br/> <b>Professor, Machine design, IITM</b></p> |   |
| <b>10.00 to 11.30 AM</b>          | <b>Free and Forced Vibration Analysis</b>  | <b>Dr. Chandramouli, P.</b><br><b>Professor, Machine design, IITM</b> |
| <b>11.30 to 11.45 AM</b>          | <b>High Tea</b>  |   |
| <b>11.45 to 1.15PM</b>            | <b>Basics of Vibration System</b>  | <b>Vasudevan Rajamohan</b><br><b>Dean,SMBS,VIT,Vellore</b>            |

|                        |  |  |
|------------------------|--|--|
|                        |  |  |
| <b>1.15 to 2.00 PM</b> | <b>Lunch time</b>  |  |
| <b>2.00 to 3.30 PM</b> | <b>Vibration Equipment and Measurement Techniques, &amp; Mitigation Approaches</b> | <b>Dr.C.Sujatha,</b><br>Professor,<br>Machine Design,<br>IITM, Chennai   |
| <b>3.30 to 3.45 PM</b> | <b>Feedback</b>  |  |
| <b>3.45 PM</b>         | <b>Valedictory Address</b>   | <b>Dr.C.Sujatha,</b><br>Professor,<br>Machine Design,<br>IITM, Chennai<br>Vote of Thanks<br>Dr S Ramesh Babu,<br>Head of the Department,<br>Mechanical Engineering, SVCE |



## Resource Person Details

**Dr. Chandramouli, P.**  
Professor,  
Machine Design Section  
IIT, Madras



**Vasudevan Rajamohan**  
Professor,  
School of Mechanical Engineering,  
Vellore Institute of Technology



**Prof. C Sujatha**

Professor  
Machine Design Section (MDS)  
Department of Mechanical Engineering,  
IIT Madras



SRI VENKATESWARA COLLEGE OF ENGINEERING

Department of Mechanical Engineering

ISTE Sponsored One day Workshop on



Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications" - : 30<sup>th</sup> March 2017

SPOT REGISTRATION FORM

| S.NO | NAME OF PARTICIPANT           | INSTITUTE/ INDUSTRY       | DESIGNATION | CONTACT DETAILS            |             | PAYMENT DETAILS                   |       | SIGNATURE          |
|------|-------------------------------|---------------------------|-------------|----------------------------|-------------|-----------------------------------|-------|--------------------|
|      |                               |                           |             | EMAIL ID                   | PHONE NO.   | DD                                | CASH  |                    |
| 1    | K. MAHESH KUMAR               | KCC College of Technology | Asst. Prof. | maheshkumar@kcccollege.com | 9962378534  |                                   | 500   | <i>[Signature]</i> |
| 2    | R. Gopalekrishtan             | SVCE                      | Asst. Prof. | gopalekrishtan@svce.ac.in  | 944500882   |                                   | 500/- | <i>[Signature]</i> |
| 3    | K. ARUN                       | SVCE                      | Asst. Prof. | arunk@svce.ac.in           | 9990908141  |                                   | 500/- | <i>[Signature]</i> |
| 4    | V. GURUSAMY                   | SVCE                      | "           | vguru@svce.ac.in           | 9994426627  |                                   | 500/- | <i>[Signature]</i> |
| 5    | S. MUNIRAJ                    | SVCE                      | "           | muniraj@svce.ac.in         | 9994046-052 |                                   | 500/- | <i>[Signature]</i> |
| 6    | S. Haripalan                  | SVCE                      | Student     | haripalan199@outmail.com   | 9796775567  |                                   | 300   | <i>[Signature]</i> |
| 7    | K. Prabu                      | SVCE                      | student     | 1997prabuk@gmail.com       | 9791975601  |                                   | 300/- | <i>[Signature]</i> |
| 8    | J. Joshua Rajan               | SVCE                      | "           | joshurajan96@gmail.com     | 8681011236  |                                   | 300/- | <i>[Signature]</i> |
| 9    | R. COKUL DAS                  | AMACE                     | Asst. Prof. | dassmech@gmail.com         | 9962470966  |                                   |       | <i>[Signature]</i> |
| 10   | K.R. ARUN PRASAD<br>P. Ramani | SVM University            | Asst. Prof. | ex_arun76@sahoo.co.in      | 9840682984  | Indian Bank<br>822563<br>Pt. 24-3 |       | <i>[Signature]</i> |

C. Sankaranarayanan  
30/3/2017  
Dr. C. Sankaranarayanan

Dr. R. RAMISH BAHU, M.E., Ph.D.  
Professor & Head  
Department of Mechanical Engineering  
Sri Venkateswara College of Engineering  
Pennakur, Sriperumbudur (TN) - 602111  
Tamilnadu, INDIA.

Certificate  
of Appreciation

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|                          |                       |         |
|--------------------------|-----------------------|---------|
| S. Arundhangan           | REC, Chennai          | AP (36) |
| KAVIYA VIJAYKUMAR        | SVCE, CHENNAI         | STUDENT |
| M. JANSI RANI            | SVCE, CHENNAI         | STUDENT |
| A. SIDDHARTHAN           | MIT Cum               | Faculty |
| AKANKSHA                 | SVCE, CHENNAI         | STUDENT |
| A. HARIISH               | PIT, CHENNAI          | STUDENT |
| R. Lakshmi<br>Narasimhan | PIT, CHENNAI          | STUDENT |
| KARTHIK SUBBU. M         | SVCE, Chennai         | STUDENT |
| J. STEPHEN RAJ           | MIET, Chennai         | student |
| T. YOGIESHWAR            | MIET, Chennai         | student |
| P. ANONY                 | MIET, Chennai         | student |
| N.S. Arun                | MIET chemi            | Student |
| M. ARULBURTOR            | SUCE, Chennai         | AP      |
| Dr. Karubakaran          | SVCE, Chennai         | AP/ME   |
| M. KALAIMANI             | SVCE, CH              | AP/ME   |
| S. LINGAIYAN             | WTIC (Sri m' dipondi) | (Staff) |
| VISHAL SANKAR. S         | SVCE, Chennai         | Student |

|                                       |               |
|---------------------------------------|---------------|
| arunmurugan. S<br>sajalakshmi. edu.in | 986008<br>458 |
| Kavija. vijaykumar23@yahoo.com        | 982026471     |
| Jansi.rani.m17@gmail.com              | 9445472601    |
| trichyridha@gmail.com                 | 9840824216    |
| akeu.harish@gmail.com                 | 9500094265    |
| hariish.mech@gmail.com                | 8754519544    |
| lakshminarasimhan1411@gmail.com       | 9940136498    |
| karthik.sillalah14@gmail.com          | 9840828859    |
| stephraj21@gmail.com                  | 9566875690    |
| yogithi.uma3085yt@gmail.com           | 9791541676    |
| monsterbest2810@gmail.com             | 9709737774    |
| arundelsham878@gmail.com              | 8098011321    |
| arulburtor@svcea.ac.in                | 94999008      |
| karubakaran@svcea.ac.in               | 8103626901    |
| m.kalaimani@svce.rc.in                | 8695660446    |
| lingaiyan.lee@gmail.com               | 9860332128    |
| vishalsankar.91@gmail.com             | 98002109      |

|       |                   |
|-------|-------------------|
| 500/- | huf               |
| 300/- | Kaviya Vijaykumar |
| 300/- | MJ                |
| 500/- | fr                |
| 300/- | Harish            |
| 300/- | Laksh             |
| 300/- | K. Sillalah       |
| 800/- | J. Stephen raj    |
| 300/- | Yogi              |
| 300/- | P. Anony          |
| 300/- | N.S. Arun         |
| 500/- | Arulburtor        |
| 500/- | Dr. Karubakaran   |
| 500/- | M. Kalaimani      |
|       |                   |
|       |                   |

R. Paul 30/03/17

e. Sankar 30/3/2017  
Dr. C. Senthil Kumar

Dr. S. PAMESH BABU, M.E., Ph.D.  
Professor & Head (Clupe)  
Department of Mechanical Engineering  
Sri Venkateswara College of Engineering  
Pennalur, Sriperumbudur (TK) - 602117  
Tamilnadu, INDIA

S. Venkateswara



|    |                          |      |  |                          |            |       |  |
|----|--------------------------|------|--|--------------------------|------------|-------|--|
| 28 | P. Gopalakrishnan.       | SVCE | Student.   | wishforu93@gmail.com     | 9991468672 | 300/- | <u>[Signature]</u>   |
| 29 | Ruby Freya               | SVCE | A.P.   | rubyfreya@svce-ac.in     | 9940481279 | 500/- | <u>[Signature]</u>   |
| 30 | S. Sreekantham           | SVCE | Student  | ssreekanth@gmail.com     | 9487559255 | 300/- | <u>[Signature]</u>   |
| 31 | S. Logesh                | SVCE | Student  | logesh8122@gmail.com     | 8122032997 | 300/- | <u>[Signature]</u>   |
| 32 | M. Sudalai Murugan       | SVCE | Student  | Sudalai.Stalin@gmail.com | 8110060149 | 300/- | <u>[Signature]</u>   |
| 33 | A.C.B. YOKESH PRASAD     | SVCE | Student  | yokesh1899@gmail.com     | 9840427929 | 300/- | <u>[Signature]</u>   |
| 34 | K. KUMARAGURU            | SVCE | Asst. Prof.  | kumaraguru@svce.ac.in    | 9952986447 | 500/- | <u>[Signature]</u>   |
| 35 | Dr. M. Selvaraj<br>Kutti | SSN  | Associate Pr.  | selvarajm@ssn.edu.in     | 9944456575 | 500/- | <u>[Signature]</u>   |
| 36 | S. Adarsha               | SVCE | Student  | rajadashad234@gmail.com  | 9008469320 | 300/- | <u>[Signature]</u>   |
| 37 |                          |      | <u>R. Ramesh</u>   |                          |            |       |  |
| 38 |                          |      |  |                          |            |       | <u>C. Sankar</u><br>30/3/2017  |
| 39 |                          |      | <p>Dr. R. RAMESH, M.E., Ph.D (IITM)<br/>Professor,<br/>Department of Mechanical Engineering,<br/>Sri Venkateswara College of Engineering,<br/>Sriperumbudur Tk., 602 117, Tamilnadu.</p> |                          |            |       | <p><u>Ramesh</u><br/>30/3/2017<br/>Dr. S. RAMESH, M.E., Ph.D<br/>Professor &amp; Head<br/>Department of Mechanical Engineering<br/>Sri Venkateswara College of Engineering<br/>Pennalur, Sriperumbudur (TK) - 602117<br/>Tamilnadu, INDIA.</p> |
| 40 |                          |      |  |                          |            |       |  |
| 41 |                          |      |  |                          |            |       |  |
| 42 |                          |      |  |                          |            |       |  |
| 43 |                          |      |  |                          |            |       |  |
| 44 |                          |      |  |                          |            |       |  |

Paid.



**REGISTRATION FORM**  
**ISTE Sponsored**



**One Day National Level Workshop**  
**on**  
**Mechanical Vibration, Mitigation**  
**Approaches and Measurement**  
**Techniques for Structural**  
**Applications**  
**30<sup>th</sup> MARCH 2017**

- 1. Name : A. SIDDHARTHAN
- 2. Designation : ASSOCIATE PROFESSOR
- 3. Qualification : ME, PhD  
(Prod) (Materials)  
(Degree, Specialization)
- 4. Age & Sex : 40 year & MALE
- 5. Experience : 11 years
- 6. Institution : MIT Chromepet

7. Address for Communication:



**Dr. A. SIDDHARTHAN**  
Associate Professor  
Department of Production Technology  
M.I.T. Campus, Anna University,  
Chromepet, Chennai - 600 044.

Mobile : 9840824216  
E-mail : trichy sidha@gmail.com

8. Demand Draft details:

Bank:

DD No.:

DD Date:

Place:

Date:

*A. Siddharthan*  
Signature of the applicant

# **SRI VENKATESWARA COLLEGE OF ENGINEERING**

**(Autonomous - Affiliated to Anna University)**

**Pennalur, Sriperumbudur Tk – 602 117**



**Department of Mechanical Engineering**

***Inaugural Function***



***Cordially invites you for the Inauguration of***

**One Day Workshop**

**On**

**Mechanical Vibration, Mitigation Approaches and  
Measurement Techniques for Structural  
Applications**

**(30<sup>th</sup> March 2017)**

**Organized by**

**Department of Mechanical Engineering  
SVCE**

|                    |   |
|--------------------|---|
| <b>Chief Guest</b> | <b>: Dr. Chandramouli, P.<br/>Professor, Machine design, IITM</b> |
| <b>Venue</b>       | <b>: Function hall, SVCE</b>                                      |
| <b>Date</b>        | <b>: 30<sup>th</sup> March 2017</b>                               |
| <b>Time</b>        | <b>: 9.15 AM</b>  |

**ALL ARE WELCOME**



# **SRI VENKATESWARA COLLEGE OF ENGINEERING**

**(Autonomous - Affiliated to Anna University)**

**Pennalur, Sriperumbudur Tk – 602 117**



**Department of Mechanical Engineering**

***Valedictory Function***

*Cordially invites you for the Valedictory function of*

**One Day Workshop**

**On**

**Mechanical Vibration, Mitigation Approaches and  
Measurement Techniques for Structural  
Applications**

**(30<sup>th</sup> March 2017)**

**Organized by**

**Department of Mechanical Engineering  
SVCE**

|                    |  |
|--------------------|--|
| <b>Chief Guest</b> | <b>: Dr.C.Sujatha,</b><br>Professor,<br>Machine Design,<br>IITM, Chennai |
| <b>Venue</b>       | <b>: Function hall, SVCE</b>   |
| <b>Date</b>        | <b>: 30<sup>th</sup> March 2017</b>                                      |
| <b>Time</b>        | <b>: 3.45 PM</b>   |

**ALL ARE WELCOME**

## **SRI VENKATESWARA COLLEGE OF ENGINEERING (SVCE)**

PENNALUR, SRIPERUMBUDUR-602117  
Department Of Mechanical Engineering

### **ISTE Sponsored One Day National Level Workshop on Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications**

- Report Date: 30-03-2017

#### **Coordinators:**

Dr. R. Ramesh, Professor, SVCE

Mr. C. Senthamaraiannan, Assistant Professor,

The objective of this workshop is to explore and promote the basic knowledge in Vibration, Measurement techniques and mitigation approaches. The program will be very much useful for researchers/ industry practitioners and teaching faculty. This workshop will lead to a wide spectrum of Academicians /Students and Researchers in knowledge sharing and discussions. Workshop was inaugurated by Dr. P. Chandramouli, Professor, Machine Design, Mech. Engg., IIT Madras. He delivered an expert talk on Free and forced vibration analysis. Further Basics of Vibration System under Multidegree of Freedom Vibration Equipment's topics were covered by Dr R Vasudevan, Professor, VIT, vellore. and Measurement Techniques and Mechanical vibration: Mitigation approaches was handled by Dr. C. Sujatha, Professor Machine Design Division, IIT Madras. Valedictory address was delivered by Dr. C. Sujatha, Professor Machine Design Division, IIT Madras.

Total number of Participants – 36



# Sri Venkateswara College of Engineering

Sriperumbudur, 602117

## Workshop Feedback Form

Please take a moment to complete this feedback form. Your comments will assist us in improving our future workshops and seminars

### PARTICIPANT INFORMATION

|        |            |                      |   |
|--------|------------|----------------------|---|
| Name : | RUBY FREYA | Name of the Workshop | One day National Level Workshop on "Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications" |
| Date:  | 30/03/2017 |                      |   |

### EVALUATION

SCALE: 1- STRONGLY AGREE; 2 - AGREE; 3 - NEUTRAL; 4 - DISAGREE

|  | 1     | 2  | 3 | 4 | Comments  |
|--|-------|----|---|---|---|
| 1 The pre-workshop administration was appropriate and informative.                             | ✓     |    |   |   |   |
| 2 The workshop was scheduled at a suitable time  | ✓     |    |   |   |   |
| 3 The workshop facilities and location were appropriate and satisfactory.                      | ✓     |    |   |   |   |
| 4 The workshop material was presented in a clear and organized manner.                         | ✓     |    |   |   |   |
| 5 The presenter responded to questions in an informative, appropriate and satisfactory manner. | ✓     |    |   |   |   |
| 6 Handouts (if provided) were clear and useful.  |       |    |   |   |   |
| 7 Overall, the session was informative and valuable.   | ✓     |    |   |   |   |
| 8 In what ways could this workshop have been improved to better suit your needs?               |       |    |   |   | Very informative.<br>Can be extended for 2 or 3 days next time.                                 |
| 9 Would you recommend this session to a colleague?   | Yes ✓ | No |   |   |   |
| 10 Please suggest other workshops that would be useful to Students Community                   |       |    |   |   | 1) Mathematical modelling for vibration problems.<br>2) Experimental methods for modal analysis |
| 11 Other comments  |       |    |   |   | —   |

*Ruby Freya*  
Signature