



Date – 14.12.2024

Submitted

To
The Principal,

SUBJECT: - Requesting permission to organise guest Lecture for mechanical engineering students – Reg.

With due respect above subject we would like to bring to your kind notice that, our department is planning to organise aguest lecture on“**Shear Stress Distribution in beam like rectangular, T and I sections**”by an eminent resource person for **II year / III sem.** students of Mechanical Engineering. This guest lecture will help the students to improve their marks on mechanics of materials course. The details of the resource persons are given below. In this regard, we kindly request your good self to grant us permission to organise this wonderful event and release the fund for the smooth conduction of the program which is scheduled on **16.12.2024** - **Monday at 09.30am in classroom no 223.**

This is for your kind perusal and approval.

NOTE: Details of Expenditure

<u>S.No</u>	<u>Description</u>	<u>Quantity</u>	<u>Amount in Rs.</u>
1.	Remenueration	1 member	1* 3000 = 3000
Total Amount in Rs.			3,000 / -

TOTAL AMOUNT IN WORDS:Three Thousand Only

RESOURCE PERSON:

Dr. Suresha S
 Associate Professor,
 School of Mechanical Engineering,
 REVA University,
 Bangalore
 Ph-87224 79490
 Email- suresh.s@reva.edu.in

Thanking You,

(Signature)
 Yours Sincerely,

16/12/2024

Date: 12/12/24

Department of Mechanical Engg

Subject: Permission to organize /conduct GUEST LECTURE -reg

Dear Sir,

With respect to above subject I request you to permit us to organize GUEST LECTURE
"SHEAR STRESS DISTRIBUTION IN BEAM LIKE RECT, ILL TSEC for 11/11/2024
 on 16/12/24 at 09.30AM - LH-233

Kindly permit the same & oblige.

Thanking you,

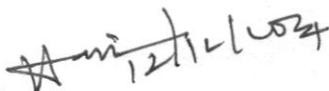
Yours truly

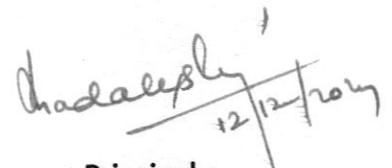

 (Staff/Coordinator Signature with date)


 HoD

IQAC	Principal
Approved/Not Approved	Approved/Not Approved
If Not approved, reason	If Not approved, reason
Approved	Approved
Any Comments	Any Comments

*If commercials are involved attach budget separately.


 IQAC


 Principal

*After Principal Signature submit the same to IQAC Director without fail.



RAJESH V <rajeshv.mech@sairamce.edu.in>

Requesting you to preside as a resource person - Guest Lecture - Mechanics of Material - Sri Sairam College of Engineering - Reg

1 message

RAJESH V <rajeshv.mech@sairamce.edu.in>
To: suresh.s@reva.edu.in

Sat, Dec 14, 2024 at 2:53 PM

Respected Sir,

A warm Greetings from Department of Mechanical Engineering, Sri Sairam College of Engineering - Anekal, Bangalore.

I am V.Rajesh working as an assistant professor in the department of mechanical engineering at Sri Sairam College of Engineering - Anekal. As I have planned to organise a guest lecture for the subject **BME301 - Mechanics of Materials** topics entitled "**Shear Stress Distribution in Beam Like Rectangular, I & T Section**" to **II year / III semester** students of our department.

On behalf of the Principal, Chief Operating Officer, Head of the department, faculty and students I cordially invite you as a resource person for the guest lecture which is scheduled on **16.12.2024** from **10.30am to 03.30pm**.

Kindly request you to accept our invitation and revert to us at the earliest. We are looking forward to a positive response from you. Please feel free to get back to us for any further information.

NOTE - BME301 - Mechanics of Materials - Module - 4 - syllabus copy attached for your reference and also kindly share the Name as it is in the bank account for the remuneration process in the reply Mail.

Module-4
Theory of simple bending - Assumptions - Derivation of bending equation - Neutral axis - Determination of bending stresses - section modulus of rectangular and circular sections (Solid and Hollow), I, T and Channel sections - Design of simple beam sections, Shear Stresses: Derivation of formula - Shear stress distribution across various beams sections like rectangular, circular, triangular, I, and T sections.

Thanks & Regards

Mr. V.Rajesh,

Assistant Professor,

Department of Mechanical Engineering,

Sri Sairam College of Engineering,

Anekal, Bangalore - 562 106.

Ph: 9965533384, 9965543383(Whatsapp)

Email: rajesh.vpkp@gmail.com



Ram Kumar-r&d (2).jpg
121K

Dr. SURESHA S
Contact No: 8722479490
E-mail: sureshpoojar95@gmail.com.



<u>EDUCATIONAL QUALIFICATION</u>				
Course	Name of the Institution	Board/University	Year of Passing	% of Marks
Ph.D.	REVA Institute of Technology and Management, Bengaluru.	V T U, Belagavi.	2019	Awarded
M. Tech. (Machine Design)	B M S College of Engineering, Bengaluru.	V T U, Belagavi.	2007	70.50
B.E. (Automobile Engg.)	S J M I T Chitradurga	Kuvempu University, Shivamogga, Karnataka.	1998	64.32

TEACHING EXPERIENCE

- Working as **Associate Professor** from **01st March 2019** to **till date** and worked as **Assistant Professor** in **REVA University, Bengaluru- 560064** from **16th June 2014** to **29th February 2019**.
- Worked as **Assistant Professor** in **East point college of Engg & Technology, Bengaluru-64** from **17th Aug 2011** to **9th June 2014**.
- Worked as **Senior Lecturer** in **S R S I T, Bengaluru** from **10th August 2010** to **10th Sept 2011**.
- Worked as **Lecturer** in **M S E C, Bengaluru** from **Sept 2008** to **10th August 2010**.
- Worked as **Lecturer** in **S R S I T, Bengaluru** from **Sept 2007** to **Sept 2008**.

- Worked as Lecturer in S J M Polytechnic, Challakere, Chitradurga (District) from Aug. 1998 to Aug. 2005

M. TECH. PROJECTS GUIDED

- Design of a Multipurpose Walker for Kids of Age Group 1- 4 Years.
- Design and development of a Sprocket Disc Brake Assembly.
- Comparative study of energy absorption capacity of empty and foam filled concentric cylindrical tubes
- Static Structural and Linear Buckling Analysis of Diesel Generator Connecting Rod

<u>PROJECT WORKS</u>	
Course	Title
B E	Liquefied Petroleum Gas as an alternative fuel for mopeds.
M. Tech	Transverse Vibrations of Euler-Bernoulli's Beam with Breathing Crack
Ph. D	"Vibration Based Damage Identification in Structures using advanced Signal Processing Techniques".

TECHNICAL SKILLS

- Office Management : M-S-Office, Windows applications,
- CAD Tools and Analyzing Tools :
 - i) Solid Edge ii) ANSYS.
 - iii) Autodesk-Fusion 360 iv) MATLAB (Signal Processing)
 - v) ADAMS

SUBJECTS HANDLED

- Engineering Drawing (CAED)
- Elements of Mechanical Engineering
- Strength of materials/Mechanics of Material
- Kinematics of Machines and Dynamics of Machines
- Design of Machine Elements – I and II
- Finite Element Methods
- Mechanical Vibrations
- Robust Design
- Fracture Mechanics
- Design for Manufacturing
- Design Thinking
- Professional Ethics

MEMBER OF PROFESSIONAL BODIES

1. Member of Indian Society for Technical Education (MISTE).

ACHIEVEMENTS

1. 48 hours **E-material (PPT) on Elements of Mechanical Engineering** by Dr. Rajashekar Patil, Prof. Suresha S and Prof. Bharath V G, released at REVA University, Bangalore by Honorable Chief Minister of Karnataka and Education Minister, Mar 2015.
2. Resource person for **CAMD Day and CAED in 24 hours** conducted at REVA University during November 2015.
3. Chair person for "**Sustainable materials and Recent trends in Mechanical Engineering**" on 11th and 12th August 2023, organized by the School of Mechanical Engineering, International Conference at REVA University Bangalore.
4. Chair person for "**Sustainable materials and Recent trends in Mechanical Engineering**" on 13th July 2024, organized by the School of Mechanical Engineering, International Conference REVA University Bangalore.

CERTIFICATION

Vibration and Structural Dynamics

- NPTEL course from IIT Madras, for successfully completed with a consolidated score of 55%.
- Completed the coursera course, from the Alberta Machine Intelligence Institute, **Introduction to Applied Machine Learning**

INTERNATIONAL JOURNALS PUBLISHED

1. **Suresha S. D Mallikarjuna Reddy**, "Dynamic Analysis of Beam With A Breathing Crack", International Journal of Engineering Research and Technology, NCERAME Conference Proceedings, Vol. 3, Issue 17, Mar. 2015, pp. 68- 73
2. **Suresha S, D.Mallikarjuna Reddy**, "Sensitizing the Multiple Damage Identification in Beam Structure Using Hoelder Exponent and Wavelets". IOP Conference Series: Material Science

- and Engineering 149 (2016) 012153 doi:10.1088/1757-899X/149/1/012153. (Scopus indexed journal).
3. **Suresha S**, D.Mallikarjuna Reddy, "Study of Sensitivity of Mode Shapes In Damage Identification Using Continuous Wavelet Transform". ARPN Journal of Engineering and Applied Sciences, in VOL. 12, NO. 15, AUGUST 2017 ISSN 1819-6608. (Scopus indexed journal).
 4. **Suresha S**, D.Mallikarjuna Reddy "Experimental Based Crack Identification in Aircraft Wing Stiffened Panel Using Wavelet Algorithm". International Journal of Mechanical Engineering and Technology (IJMET) Volume 8, Issue 8, August 2017, pp. 874-881. (Scopus indexed journal).
 5. **Suresha S**, D. Mallikarjuna Reddy, Shivasharanayya Swamy, Damage Detection in Structures Using Spatial Vibration Data and Wavelets, International Journal of Mechanical and Production, Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890; ISSN(E): 2249-8001, Vol. 8, Special Issue 8, Oct 2018, 485-493.
 6. **Suresha S**, Pawan H, Numerical simulation aided design of heat sink using Z-cast, International Materials Today: Proceedings,(MTP) Volume 45, Part 1, 2021, Pages 404-411.
 7. Rahul P. Tardale **Suresha S** K. Ramesh Performance and Emission Characteristics of SI Engine with Standard and Modified Piston with Turmeric Leaf Oil as Biofuel, International Journal of Vehicle Structures and Systems, Vol. 13 No. 1 (2021).
 8. Nagesh D, Raghavendra S, N M Sivaram, **Suresh S**, Manjunatha B and Sanketh S, Tribological characteristics of Al6061, boron, and graphite hybrid metal matrix composites, Advances in Materials and Processing Technologies (Taylor and Francis) Volume 8, 2022 - issue 3 Pages 3248-3262.
 9. N Govindaraj **Suresha S**, Static Structural and Linear Buckling Analysis of Diesel Generator Connecting Rod, Journal of Mines, Metals and Fuels (JMMF) Pages 326-330.
 10. **Suresha S**, Raghavendra S, Energy Absorption Capacity of Empty and Foam-Filled Concentric Cylindrical Tubes, Journal of Mines, Metals and Fuels (JMMF) ISSN : 0022-2755, 70(10A): 430-436; 2022.
 11. **Suresha S** , Subramanya Raghavendra, Studies on hardness and tensile testing of AlSi10Mg produced by selective laser melting, Journal of Materials and Engineering Structures 10 (2023) 415-422.
 12. **Suresh.S**, Raghavendra S and Vijay Kumar, Development of Glass Fiber Reinforced Polymer Matrix Composites for Engineering Applications, Tuijin Jishu/Journal of Propulsion Technology ISSN: 1001-4055 Vol. 44No. 5(2023).

6. Participated in One day Webinar on “**Opportunities in the field of Augmented & Virtual Reality**” organized by REVA University, Bangalore on 5th August 2020.
7. Webinar Attended (Webinar on Simulation Driven Design and Optimization using Altair Hyper Works (5th May 2020).

TRAINING PROGRAMME / SEMINARS ATTENDED

1. One day seminar on “**Advances in Vibration Engineering**” held during 16th December 2005 at B M S College of Engineering Bangalore.
2. One day training on **Solid edge ST 7** at REVA University, Bangalore, Dec 2014.

CONFERENCE/ SYMPOSIUM/RESEARCH CONCLAVE PARTICIPATED

1. Participated in the International conference on Emerging research Trends in Mechanical and Civil Engineering (ICERTMCE-2017) held at REVA University, Bangalore on 6th and 7th July 2017.
2. Participated in 10th Annual conference of Karnataka Science and Technology Academy 2018 held at REVA University, Bangalore on 18th and 19th January 2018.
3. Participated in the First REVA RESEARCH CONCLAVE (RRC-2018) held at REVA University, Bangalore on 2nd March 2018.

PARTICIPATION IN UNIVERSITY ACTIVITIES ACADEMIC & OTHERS

1. University Evaluation	<ul style="list-style-type: none"> • Worked as a question paper scrutiny member for both UG and PG.
2. Internal Evaluation	<ul style="list-style-type: none"> • Worked as Internal Examiner for the practical exams • Worked as an external DCS & examiner in VTU exams
3. Paper Setting	For both UG and PG
4. Assessment of Home Assignments	For both UG and PG
5. Conduct of Examinations	For both UG and PG
6. Evaluation of Dissertation etc.,	For both UG and PG
8. Design of Curriculum	Coordinator to frame the syllabus for both UG and PG.
9. Teaching methods	Followed the advanced teaching Methodology
10. Laboratory experiments	Prepared lab manual for Design laboratory

12. Participated in five days faculty development program on “**Model – based design for Electric Vehicle using Simulink**” organized by the School of Mechanical Engineering from REVA University, Bangalore 10th to 14th August 2022.
13. Participated in five days faculty development program on “**Applications of Python Programming and Machine Learning**” organized by the School of Mechanical Engineering from REVA University, Bangalore 10th to 14th July 2023.

WORKSHOPS ATTENDED

- 1 Two Day Work shop on “**Smart materials and structures**”: SMAS-2006 held during 7th – 8th September 2006 at B M S College of Engineering Bangalore
5. One day Workshop on “**Nonmaterial’s materials and technology a perspective**” held during 15th March 2007 at University Visvesvaraya College of Engineering Bangalore
- 3 Two day workshop on **CBCS** at REVA University, Bangalore, August 2014
- 4 Participated in the Two day workshop on **MATLAB tools for Analysis and computation** in Engineering organized by REVA University, Bangalore from 9th to 10th Oct 2015.
- 5 Participated in the Four day workshop on **MATLAB tools for Analysis and computation** in Engineering organized by REVA University, Bangalore from 4th to 7th Jan 2016.
- 6 Participated in One day Workshop on **Intellectual Property Rights (IPR)** organized by REVA University, Bangalore on 24th March 2018.
- 7 Participated in One day Workshop on **MATLAB & Simulink Toolboxes – Application to Mechanical Engineering** organized by REVA University, Bangalore on 24th March 2018.

WEBINARS ATTENDED

1. Participated in One day Webinar on **OBE 1.0** organized by Win sun Global Tech, Bangalore on 23rd May 2020.
2. Participated in One day Webinar on **Medical Equipment and Medical devices in the current Industry** organized by REVA University, Bangalore on 13th June 2020.
3. Participated in One day Webinar on **New Product Development** organized by REVA University, Bangalore on 20th June 2020.
4. Participated in One day Webinar on **Social Entrepreneurship-Need of the hour during covid 19** organized by REVA University, Bangalore on 25th June 2020.
5. Participated in One day Webinar on **Robotics Simulation for BIW Welding** organized by REVA University, Bangalore on 28th June 2020.

13. Raghavendra Subramanya, PHD Chandra Shekar A, PHD Manjunatha KN Ravikumar M **Suresha S** Madhusudhana SV Arun Kumar R, Influence of Fibre Ratio and Chemical Treatment on the Properties of Hybrid Epoxy Composites Reinforced with Areca and Banana Fibre, Biomass Conversion and Biorefinery is Processing.....

NATIONAL JOURNALS PUBLISHED

1. Chandrakanth V, Jnyaneshwar L , Kiran Kamate , Shivaraj Mathapati, **Suresha S**, Design and Fabrication of Pedal Operated Reciprocating Water Pump and Filtering System, Journal of Emerging Technologies and Innovative Research (JETIR) ISSN-2349-5162, 2019 JETIR May 2019, Volume 6, Issue 5.
2. Steffin Antony Bristow, Vennapusa Nageshwar Reddy, Vithal Channoor, Manideep D.J **Suresha .S** , Electrically Run Agriculture Sprayer Vehicle, International Journal of Scientific & Engineering Research, ISSN 2229-5518 June-2020 Volume 11, Issue 6.
3. Yashas R, Yathish K R, Shivanand Khandal, Vishnu Vardhan Reddy P, **Dr.Suresha S**, Design and Fabrication of Portable Spraying Machine, Journal of Emerging Technologies and Innovative Research (JETIR) ISSN-2349-5162, 2021 JETIR July 2021, Volume 8, Issue 7.
4. **Dr. Suresha S** Ainaan Ahmed, Arshad Ahmed, Arshe Azam, Mohammed Zaid, "Fabrication of Solar operated Groundnut Plucking and Sorting Machine" Dogo Rangang Research Journal, ISSN : 2347-7180 Vol-12 Issue-11 No. 02, December 2022.
5. Danlyn Pearlsila P, R Nithisha, Srushti GN, Tanisha M Hullur, **Dr. Suresha S**, Design and Fabrication of a Wheelchair Assistant Using Hand Gesture and Voice Control, Dogo Rangang Research Journal ISSN: 2347-7180, Vol-13 Issue-05 No. 08, May 2023.
6. Mr.K Hemanth , Mr. Mahesh N, Mr. Mahendra Varma C, Mr. Jagadeeswar Reddy, **Dr. Suresha S**, Design and Fabrication of Automatic Cement Plastering Machine, Dogo Rangang Research Journal ISSN : 2347-7180, Vol-13, Issue-6, No. 04, June 2023.
7. Shahid Pasha, Arham Rajendra Upadhye, Mohammed Abrar, Imran Pasha, Punith P, **Dr.Suresha S** To Develop Cartesian Robot Intelligent System, INDICA JOURNAL (ISSN:0019-686X) VOLUME 5 ISSUE 8 2024.

INTERNATIONAL & NATIONAL CONFERENCE PAPERS PUBLISHED

1. **Suresha S**, Dr. D Mallikarjuna Reddy, "Dynamic Analysis of Beam With A Breathing Crack"- Paper presented at National Conference on ERAME-2015, REVA Institute of Technology and Management, Bangalore, March 2015.
2. **Suresha S**, D.Mallikarjuna Reddy, "Sensitizing the Multiple Damage Identification in Beam Structure Using Hoelder Exponent and Wavelets", Proceedings of International Conference

on Advances in Materials and Manufacturing Applications (IConAMMA) 14th-16th July 2016, held at Amrita Vishwa Vidyapeetham University, Bangalore.

3. **Suresha S, D.Mallikarjuna Reddy**, "Improved Sensitivity of Damage Identification in Composite Structure Using Holder Exponent and Wavelet Analysis", Proceedings of Global Conference on Advances in Science, Technology and Management (GCASTM 2017) 8th-11th January 2017, held at VIT University Vellore, Tamilnadu.
4. **Suresha S, D.Mallikarjuna Reddy**, "Experimental Based Crack Identification In Aircraft Wing Stiffened Panel Using Wavelet Algorithm", Proceedings Conference on Emerging Research Trends in Mechanical & Civil Engineering (ICERTMCE-2017) 6th-7th July, held at REVA University Bangalore.
5. **Suresha S, D Mallikarjuna Reddy**, Damage Detection in Structures Using Spatial Vibration Data and Wavelets,, ICRRET MCE 2018, REVA University, Bangalore, July 13th and 14th 2018.

PATENTS PUBLISHED

1. International (Australian Patent) Patent Published

Title of invention: Design and Development of Support Less 3D Printing System Using FDM Technology, Dated: 7 / 7/ 2021.

2. National (Indian Patent) Patent Published

Title of invention: An Automatic Rail Barrier Operating System Using IOT

Dated: 9 / 12/ 2022.

3. National (Indian Patent) Patent Published

Title of invention: A method of Generate Electricity using of Hybrid Piezo-Electro

Kinetic Speed Bump, Dated: 30/12/2022.

FDP/WORKSHOP / SHORT TERM COURSES ORGANIZED

Sl. No	Seminars, workshop, refresher courses, winter/summer schools... etc	Dates & Duration	Organized Institution
1.	Five Days Faculty Development Program on Automated Dynamic Analysis of	13th - 17th March, 2021	REVA University, Bangalore

	Mechanical System (ADAMS)		
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FACULTY DEVELOPMENT PROGRAMME ATTENDED

1. Participated in Two days National Level faculty development program on “**Applications of Finite Element Method in Acoustic and Vibration analysis**” held VIT University, Vellore during 22nd and 23rd April 2016
2. Participated in Five days faculty development program on “**Autodesk Fusion 360**” in association with Autodesk from 23rd to 28th January 2017
3. Participated in three days faculty development program on “**Advanced Materials and Its Processing Techniques**” organized by the School of Mechanical Engineering from REVA University, Bangalore 23rd - 25th July 2018
4. Participated in five days faculty development program on “**CATIA V5 Training**” organized by the School of Mechanical Engineering from REVA University, Bangalore 24th - 28th June 2019
5. Participated in five days faculty development program on “**ANSYS Mechanical and FLUENT**” hands on Training organized by the School of Mechanical Engineering from REVA University, Bangalore 23rd - 27th July 2019
6. Participated in five days faculty development program on “**ANSYS Mechanical and FLUENT**” hands on Training organized by the School of Mechanical Engineering from REVA University, Bangalore 23rd - 27th July 2019
7. Participated in two days faculty development program on “**Orientation Towards NBA**” organized by the School of Electronics and Communication Engineering from REVA University, Bangalore 29th - 30th July 2019
8. Participated in seven days faculty development program on “**Vehicle Dynamics**” organized by the School of Mechanical Engineering from REVA University, Bangalore June 2020
9. Participated in seven days faculty development program on “**Online Certification Programme in Design Thinking** ” organized by ARCIS Business Solutions Bangalore 1st – 7th August 2020
10. Participated in five days faculty development program on “**Design Thinking** ” organized by AICTE Training And Learning (ATAL) Academy Online from J N N College of Engineering 18th – 22nd January 2021.
11. Participated in five days faculty development program on “**Future of making things using Fusion 360**” organized by Global Info Tech 25th – 30th June 2022.

11. Evaluation methods	Used advanced evaluation methods
12. Preparation of resource material include books, regarding materials, laboratory manuals etc.,	Prepared lab manual for Design lab
13. Remedial teaching / Student counselling (Academic)	Student counselling conducted for both UG
14. Worked as squad member	For both UG and PG
15. Coordinator	Coordinator for REVA EXPO - 2019 Project Coordinator for VIII Sem REVA University

Any Additional Information that you wish to give: (Applicants may mention here particulars of any special qualifications or experiences, not coming under any of the above heads)

- External Deputy Chief Superintendent of Examinations VT U affiliated Colleges.
- Board of Examinations at REVA University
- NAAC Coordinator at REVA University
- Project Coordinator for Final Year Students
- Project Exhibition Coordinator at REVA University
- Class Teacher at REVA University
- Parent Teacher Meeting Coordinator at REVA University
- Mentoring Coordinator at REVA University
- Board of Studies in REVA University
- Board of Examiner in REVA University
- NBA Coordinator at REVA University
- P G Coordinator at E P E C T Bangalore

PERSONAL DETAILS

Name : Dr. Suresha S
 Father's Name : Pujari Suraiah
 Date of birth : 05-12-1970.
 Gender : Male
 Nationality : Indian.
 Language Known : English, Kannada and Telugu.
 Hobbies : Reading books & Swimming.
 Permanent address : # 102 S M I G – B, 7th Block, 5th Phase
 Yelahanka New Town, Bangalore – 560064

Date: 23/9/2024

(Dr. Suresha S)



Department of Mechanical Engineering

Organizing
Guest lecture
on

*"Shear Stress Distribution in Beam Like
Rectangular, J & T Section"*

16.12.2024

@

10.30am to 03.30pm

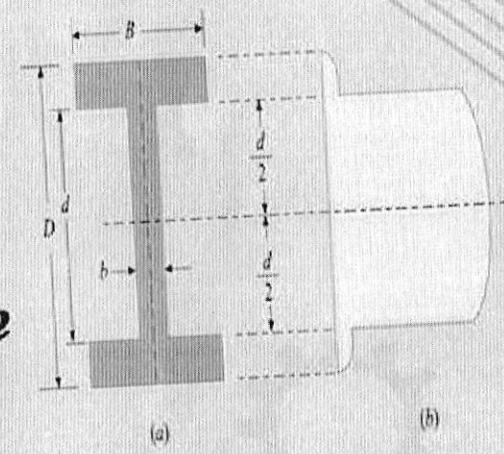
COORDINATORS:

Mr. Rajesh V
Asst. Prof, Mech. Engg.,

Dr. Balaji V
HOD - Mech. Engg.

Dr. B Shadaksharappa
Principal

Dr. Sai Prakash LeoMuthu
Chairman & CEO, Sairam Institutions.



RESOURCE PERSON

Dr. Suresha S
Associate Professor,
School of Mechanical Engineering,
Reva University,
Bengaluru, Karnataka.



(Accredited by NAAC, ISO 9001:2015 Certified Institution, Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi)

SRI SAIRAM COLLEGE OF ENGINEERING

Department of Mechanical Engineering

Anekal, Bengaluru - 562106, Karnataka



Academic year - 2023 - 24

Year / Sem - II / III

Guest Lecture Registration Form

Title of Training Program : Shear Stress Distribution in Beam like Rectangular, I and T Sections
Date : 16.12.2024

S.No.	USN	Name of Participant	Signature
1	1SB23ME001	Abhiripra Nayak	A. Nayak
2	1SB23ME002	Adithya.G	Adithya.G
3	1SB23ME003	Arbika.M	Arbika.M
4	1SB23ME004	Barathvelan.P	Barathvelan.P
5	1SB23ME006	Dinakarou V	V. Dinakarou
6	1SB23ME007	Havini.A	Havini.A
7	1SB23ME009	King sam showin.d	King sam showin.d
8	1SB23ME010	Madhan	Madhan
9	1SB23ME011	Mallesha.P	Mallesha.P
10	1SB23ME012	Mayur. M.M	Mayur. M.M
11	1SB23ME014	MOHAN. S	MOHAN. S
12	1SB23ME015	Nikshay	ABSENT
13	1SB23ME016	Piyush.	Piyush.
14	1SB23ME018	Ravi Kumar.S	Ravi Kumar.S
15	1SB23ME019	Rohangowda.S	Rohangowda.S
16	1SB23ME020	Roshan CA Sagarish.M	Roshan CA Sagarish.M
17	1SB23ME021	Sanjana.S	Sanjana.S
18	1SB23ME022	K. Saravennathan	K. Saravennathan
19	1SB23ME023	Tejas.N	Tejas.N
20	1SB23ME024	ABSENT	ABSENT
21	1SB23ME025	Yashwant B Reddy	Yashwant B Reddy
22	SCE242ME001	Krishna.S	Krishna.S
23	SCE242ME002	Muthuraj.V	Muthuraj.V
24	SCE 242 ME03	Shanijeja	Shanijeja

Signature of HOD / Mech. Engg.

17/12/24



SRI SAIRAM COLLEGE OF ENGINEERING

(Accredited by NAAC, ISO 9001:2015 Certified Institution, Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi)
Anekal, Bengaluru - 562106, Karnataka



DEPARTMENT OF MECHANICAL ENGINEERING

Date: - 17.12.2024

A REPORT ON GUEST LECTURE

"SHEAR STRESS DISTRIBUTION IN BEAMS LIKE RECTANGULAR, I & T SECTION"

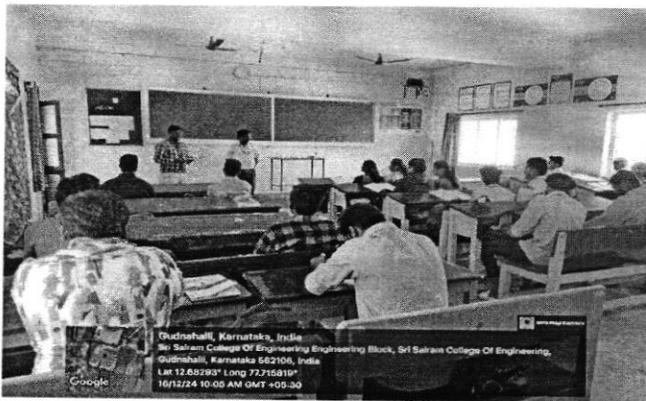
The Department of Mechanical Engineering has organised guest lecture for the subject **BME301 - Mechanics of Materials** on the title "**Shear Stress Distribution in Beams Like Rectangular, I & T Section**" for II Year / III Semester students on **16.12.2024 - Monday** from **10.30am to 03.00pm** in the Lecture Hall No - 223.

The department of Mechanical Engineering invited the resource person **Dr. Suresha S**, Associate Professor, REVA University, Bangalore. **Mr. Rajesh V**, Asst. Prof. / Mech. Engg., welcomed the resource person & students and gave introduction about resource person.

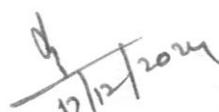
In this one day Guest lecture resource person taught the following topics to the student.

- Derivation of shear formula
- Shear Stress Distribution rectangular & I beam section
- Problems based on shear stress
 1. Rectangular cross section
 2. I Section
 3. T Section

The students clarified their doubts with the resource person after the sessions completed and the students expressed their gratitude to resource person for give more knowledge on this topic. Finally **III semester students** thanked our principal **Dr. Shadaksharappa**, Chief Operating Officer **Dr. R.Arunkumar**, **Dr. V.Balaji**, Head of the Mechanical Engineering department for giving us permission to conduct this wonderful guest lecture for our students and also thanked resource person **Dr. Suresha S** for spending his valuable time to deliver the guest lecture on this topic to our students.




EVENT COORDINATOR


17/12/2024


17/12/2024
HOD / Mech. Engg.
Head of the Department
Dept. of Mechanical Engineering
Sri Sairam College of Engineering
Anekal, Bengaluru - 562 106.



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Department of Mechanical Engineering
Anekal, Bengaluru – 562106, Karnataka

GUEST LECTURE FEEDBACK

Name of the Student	Ambika.M
Year / Sem	II nd
Department	Mechanical Department
Date and Duration	16/12/24 - 10:30 to 3:30

FEEDBACK
Please rate on a scale of 1 to 5, 1 being the lowest, by marking a "✓" against your rating.

	1	2	3	4	5	
Relevance and Use						✓
Quality of lecture						✓
Resource person Subject Knowledge Rating						✓
Resource person Presentation Rating						✓
Study Material						✓
Exercise						✓
Speed					✓	
Duration						✓
Coverage						✓
Infrastructure arrangements						✓

How much did the guest lecture help you? Specify.

It is helpful for exam

Follow up guest lecture required (If Yes, list specific areas)

Yes

Date: 16/12/24 Student Signature



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Department of Mechanical Engineering
Anekal, Bengaluru – 562106, Karnataka



GUEST LECTURE FEEDBACK

Name of the Student	Yashwanth B. Reddy
Year / Sem	II nd year, III rd sem
Department	Mechanical
Date and Duration	16/12/2024 3:30 PM

FEEDBACK

Please rate on a scale of 1 to 5, 1 being the lowest, by marking a "✓" against your rating.

	1	2	3	4	5	✓
Relevance and Use						✓
Quality of lecture						✓
Resource person Subject Knowledge Rating						✓
Resource person Presentation Rating						✓
Study Material						✓
Exercise						✓
Speed						✓
Duration						✓
Coverage						✓
Infrastructure arrangements						✓

How much did the guest lecture help you? Specify.

It helped us a lot.

Follow up guest lecture required (If Yes, list specific areas)

Date: 16/12/2024

Yashwanth B. Reddy
Student Signature



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Department of Mechanical Engineering

Anekal, Bengaluru - 562106, Karnataka

GUEST LECTURE FEEDBACK

Name of the Student	Abhilipsa Nayak
Year / Sem	3rd
Department	Mechanical
Date and Duration	16/12/24 10:30 - 3:30

FEEDBACK

Please rate on a scale of 1 to 5, 1 being the lowest, by marking a "✓" against your rating.

	1	2	3	4	5
Relevance and Use				✓	
Quality of lecture				✓	
Resource person Subject Knowledge Rating				✓	
Resource person Presentation Rating			✓		
Study Material			✓		
Exercise			✓		
Speed				✓	
Duration				✓	
Coverage				✓	
Infrastructure arrangements				✓	

How much did the guest lecture help you? Specify.

Helped, But few of the movement we are struggle
strugled, so try better of the Lecature.

Follow up guest lecture required (If Yes, list specific areas)

NO

Date: 16-12-24

Abhilipsa
Student Signature



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Department of Mechanical Engineering
Anekal, Bengaluru – 562106, Karnataka

GUEST LECTURE FEEDBACK

Name of the Student	Sayajinathan K
Year / Sem	I / III
Department	Mechanical
Date and Duration	16/12/24 and 10:30 am to 3:30 pm

FEEDBACK

Please rate on a scale of 1 to 5, 1 being the lowest, by marking a "✓" against your rating.

	1	2	3	4	5	
Relevance and Use					✓	
Quality of lecture			✓			
Resource person Subject Knowledge Rating						✓
Resource person Presentation Rating				✓		
Study Material						✓
Exercise						
Speed						✓
Duration						✓
Coverage						✓
Infrastructure arrangements						✓

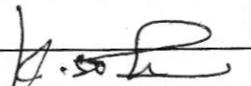
How much did the guest lecture help you? Specify.

Helped me on problems with good clarification

Follow up guest lecture required (If Yes, list specific areas)

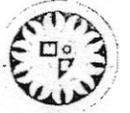
No.

Date: 16/12/24


Student Signature



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Department of Mechanical Engineering
Anekal, Bengaluru - 562106, Karnataka

GUEST LECTURE FEEDBACK

Name of the Student	Mayur. N. M
Year / Sem	2 nd / 3 rd
Department	Mechanical
Date and Duration	16/12/24 & 10:30 AM to 3:30 PM

FEEDBACK

Please rate on a scale of 1 to 5, 1 being the lowest, by marking a "✓" against your rating.

	1	2	3	4	5
Relevance and Use					✓
Quality of lecture				✓	
Resource person Subject Knowledge Rating				✓	
Resource person Presentation Rating				✓	
Study Material				✓	
Exercise				✓	
Speed			✓		
Duration					
Coverage				✓	
Infrastructure arrangements				✓	

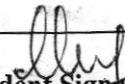
How much did the guest lecture help you? Specify.

Helped, But we didn't ~~sp~~ understand few of the topics what he has though.

Follow up guest lecture required (If Yes, list specific areas)

No.

Date: 16/12/24


Student Signature



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Department of Mechanical Engineering
Anekal, Bengaluru – 562106, Karnataka

GUEST LECTURE FEEDBACK

Name of the Student	Sanjana.S
Year / Sem	II nd year 3 rd sem
Department	Mechanical Engineering
Date and Duration	16/12/2024 10:30am to 3:30pm

FEEDBACK

Please rate on a scale of 1 to 5, 1 being the lowest, by marking a "✓" against your rating.

	1	2	3	4	5	
Relevance and Use						✓
Quality of lecture				✓		
Resource person Subject Knowledge Rating						✓
Resource person Presentation Rating			✓			
Study Material			✓			
Exercise						✓
Speed						✓
Duration						✓
Coverage						✓
Infrastructure arrangements						✓

How much did the guest lecture help you? Specify.

I understood Problems well.

Follow up guest lecture required (If Yes, list specific areas)

yes.

Date: 16/12/24


Student Signature



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To,

Date:16.12.2024

Dr. Suresha S,
Associate Professor,
School of Mechanical Engineering,
REVA University,
Bangalore, Karnataka.

Dear Sir,

Sub: Letter of Gratitude -Reg.,

On behalf of Management, Staff & Students, We whole heartedly thank you for having accepted our invitation to be the resource person to deliver a Guest Lecture on **"Shear Stress Distribution in Beams Like Rectangular, I & T Section"** held on **16th December 2024**. Our profuse thanks are also due to the valuable inputs of yours to our students.

We once again express our Gratitude for gracing the day in spite of your busy schedule.

Thanks for your time and handling the session.

Thanking you

Warm Regards,

[Handwritten Signature]
Principal

Sri Sairam College of Engineering
Sai Leo Nagar, Chikballapur Post,
Anekal, Bengaluru - 562 106.



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[Signature]
Professor

[Signature]
Principal Trustee
 Please sign above

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