

Dr.S.JeyaKrishnan

Plot No. 45, F4,6thStreet, Sri Sakthi Nagar, Tambaram (West), Kanchipuram, Chennai – 600045 ♦ +91 9943446181
jkmech2003@gmail.com, jkmech2003@yahoo.co.in ♦ +91 84288 66777

Objective

To be effective and efficient in the areas of work assigned to me and produce 100% output.

Skills Summary

- ♦ Professional Presentations
- ♦ General Office Skills
- ♦ Modelling & Drafting in CAD package
- ♦ Manufacturing Concepts.

Employment History

1. ARM COLLEGE OF ENGINEERING AND TECHNOLOGY, MARAIMALAINAGAR, CHENNAI

- Performing as the **VICE-PRINCIPAL** of the college from **May 2022**.
- Performing as an **ASSOCIATE PROFESSOR** in the Department of Mechanical Engineering from **5th June 2019**.
- Performed as the **DEPARTMENTAL HEAD** for the department of Mechanical Engineering from Feb 2021 to April 2022.
- Performing as **Admission Co-ordinator** for the college from 2022-2025.
- Represented the college as a member and attended **Online Inspection for AICTE** approval and successfully got the approval for the academic year 2022-23, 2023-24, 2024-25 & 2025-26.
- **AICTE Co ordinator** for the academic year 2022-23, 2023-24, 2024-25 & 2025-26.
- **AISHE Co ordinator** for the academic year 2023-24 & 2024-25.
- **Anna University Affiliation coordinator** for the academic year 2022-23, 2023-24, 2024-25 & 2025-26.
- Involved in **Staff Recruitment** from 2019-2025.
- Involved in **Service, Purchase, Erection and Installation** of all Mechanical Engineering Laboratories.
- Organized several functions in the college from 2019.
- Organized and conducted several meetings and online classes.
- Organized and conducted online exams smoothly.

2. ARIGNAR ANNA INSTITUTE OF SCIENCE & TECHNOLOGY, SRIPERUMBUDUR, CHENNAI –

- Performed as Assistant Professor for the department of Mechanical Engineering from **12th July 2010 to 31st May 2019**.
- Performed as the **DEPARTMENTAL HEAD** in the department of Mechanical Engineering from **2012 to May 2019**.

Dr.S.JeyaKrishnan

Plot No. 45, F4, 6th Street, Sri Sakthi Nagar, Tambaram (West), Kanchipuram, Chennai – 600 045 ♦ +91 9943446181,
jkmech2003@gmail.com, jkmech2003@yahoo.co.in ♦ +91 84288 66777

- Received **Best Department Award** for the academic years 2016-2017 and 2017-2018.
 - Involved in **Purchase, Erection and Installation** of all Mechanical Engineering Laboratories.
 - Involved in **Staff Recruitment** from 2012-2019.
 - Conducted several national level technical symposium in the name of “**MAROE’13, MAROE’15, MAROE ’16 and MAROE 17**” .
 - Conducted a two day workshop program in the name of “**AUTO ROBOTIX WORKSHOP**” in collaboration with **SAKROBOTIX LAB PVT.Ltd, Odissa**.
 - Conducted a two day workshop program on “**IC Engines Assembling & Dismantling**” in collaboration with **ATALON, Chennai**, on 26th & 27th July 2017.
 - Performed as **Chief AUR and AUR** post which allotted by Anna University successfully several times.
 - Prepared **answer key in Manufacturing Technology** subject for Anna University examination, NOV/DEC 2017.
 - Organized several Functions in the college from **2013**.
 - Performed as the **Placement Coordinator** in the college from 2015-2017.
 - Organized a **Blood Donation camp** in collaboration with **RIGHT HOSPITALS, Kilpauk, Chennai** on **15th Oct 2015** as a tribute to **Dr.A.P.J. Abdul Kalam**.
3. **PARK COLLEGE OF ENGINEERING AND TECHNOLOGY-COIMBATORE**, Performed as a Lecturer in the department of Mechanical Engineering from **10thAug’07 to 15th July’08**.
4. **ADRUA TECHNO DESIGNERS. -COIMBATORE**, Performed as a Design Engineer from **01st Jul ’06 to 08th Aug’07**.

Subjects Handled_____

- | | |
|--------------------------------|-------------------------------------|
| ♦ Theory of Machines | ♦ Computer Integrated Manufacturing |
| ♦ Strength of Materials | ♦ Unconventional Machining Process |
| ♦ Design Of Machine Elements | ♦ Manufacturing Technology I |
| ♦ Kinematics of Machinery | ♦ Manufacturing Processes |
| ♦ Computer Aided Manufacturing | |

Education_____

MAHARISHI UNIVERSITY OF INFORMATION TECHNOLOGY - LUCKNOW, UP

Doctoral Programme (Ph.D.) In Mechanical Engg., 2017

COMPLETED

Dr.S.JeyaKrishnan

Plot No. 45, F4, 6th Street, Sri Sakthi Nagar, Tambaram (West), Kanchipuram, Chennai – 600 045 ♦ +91 9943446181,
jkmech2003@gmail.com, jkmech2003@yahoo.co.in ♦ +91 84288 66777

PSG COLLEGE OF TECHNOLOGY – Coimbatore, TN

Master Degree in Mechanical Engineering, 2010

CGPA: 8.3/10

PARK COLLEGE OF ENGINEERING & TECHNOLOGY–Coimbatore, TN

Degree in Mechanical Engineering, 2006

Percentage: 73

N.S.V.V MATRIC. Hr. Sec. School, Pattiveeranpatti, Dindigul Dist., TN

Higher Secondary, 2002

Percentage: 81

N.S.V.V MATRIC. Hr. Sec. School, Pattiveeranpatti, Dindigul Dist., TN

Matriculation, 2000

Percentage: 74.9

Ph.D Title:_____

Evolution of Nanoclay strengthened light metal matrix amalgamation for enhanced mechanical and biological features.

Computer proficiency_____

Drafting : AutoCAD

Modeling : ProE

Analysis : Ansys

U.G. Main Project_____

- ♦ Design and development of an **AUTOMATIC LADLER**, at **Laxmi Precision Tools (a unit of Laxmi mills), Coimbatore.**

P.G. Mini Project_____

- ♦ Condition Monitoring In Friction Stir Welding Using Acoustic Emission.
- ♦ Feasibility Study On Manufacturing Of Activated Carbon.
- ♦ Manufacturing System - Applying Lean Manufacturing in a small scale company.

P.G. Main Project_____

- ♦ Condition Monitoring In Friction Stir Welding Using Acoustic Emission(Phase I).
- ♦ Design and development of **Magneto Rheological Coupling** for speed reduction in hydraulic power steering pumpat **RANE TRW Steering Ltd, Chennai.**(Phase II).

Academic Achievements_____

- ♦ Attended **Six Days** AICTE-ATAL sponsored **ONLINE FDP** on “ **SMART COMMUNICATION IN IOT: SECURITY & FUTURE APPLICATIONS AND POSSIBILITIES**” from **24TH FEB to 1st MAR 2025**, organized by **ST. JOSEPH COLLEGE OF ENGINEERING, Sriperumbudur, Tamilnadu.**

Dr.S.JeyaKrishnan

Plot No. 45, F4, 6th Street, Sri Sakthi Nagar, Tambaram (West), Kanchipuram, Chennai – 600 045 ♦ +91 9943446181,
jkmech2003@gmail.com, jkmech2003@yahoo.co.in ♦ +91 84288 66777

- ♦ Attended **Six Days** AICTE-ATAL sponsored **ONLINE FDP** on “ **EMBEDDED SYSTEMS IN AUTOMOTIVE INDUSTRY: AN INDUSTRY 4.0 PERSPECTIVE**” from **6TH Jan to 11th Jan 2025**, organized by the MRK INSTITUTE OF TECHNOLOGY, Tamilnadu.
- ♦ Attended Five Days **ONLINE FDP** on “ **ADVANCED MATERIALS MANUFACTURING AND APPLICATIONS**” from **22nd July to 26th July 2024**, organized by the Department of Mechanical Engineering, St. Joseph College of Engineering, Sriperumbudur, Chennai.
- ♦ Attended six day **ONLINE FDP** on **UNIVERSAL HUMAN VALUES- II** and successfully completed with a certificate from AICTE. (**27TH MAY –1st JUN, 2024**),[F.No AICTE/FDP-SI/OnlineWorkshop/ 201/218463].
- ♦ Attended five day **ONLINE FDP** on **INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION- I** and successfully completed with a certificate from AICTE. (**AUG 21-25, 2023**), [F.No AICTE/FDP-SI/OnlineWorkshop/201/195681].
- ♦ Participated and presented a paper entitled “**Fabrication and tensile Impact and Hardness test of Al6061/SiC/Coconut Shell Ash Composites**” at 2nd International Conference on smart Sustainable Materials and Technologies (ICSSMT 2023) organized by CARE College of Engineering, Tiruchirappalli on **30th & 31st August 2023**.
- ♦ Associated as a **Reviewer** with **Springer Nature** to review the manuscripts for the international journal “**International Journal on Interactive Design and Manufacturing (IJIDeM)**” from April 2023.
- ♦ Associated as a **Reviewer**[ID – 3741718] with **Hindawi Limited** to review the manuscripts for the international journal “**Advances in materials science and Engineering**” from September 2022.
- ♦ Participated and attended a 5 days short term course on “**RECENT ADVANCES IN MANUFACTURING SCIENCE AND TECHNOLOGY**” conducted by **IIT – Guwahati** from **22nd Feb 2021 to 26th Feb 2021**.
- ♦ Participated in a **national level Workshop** on Advanced welding process at **PARK COLLEGE of ENGINEERING & TEKNOLOGY**, Coimbatore, Tamilnadu.
- ♦ Co-ordinated in setting up lean factory ,which is active in veljan lab at **PSG College of Technology**, coimbatore, Tamilnadu.
- ♦ Participated in **INDO-GERMAN WORKSHOP** on Advanced precision Engineering and Light weight structures, in **PSG College of Technology**, Coimbatore, Tamilnadu.

Dr.S.JeyaKrishnan

Plot No. 45, F4, 6th Street, Sri Sakthi Nagar, Tambaram (West), Kanchipuram, Chennai – 600 045 ♦ +91 9943446181,
jkmech2003@gmail.com, jkmech2003@yahoo.co.in ♦ +91 84288 66777

- ♦ Participated and presented a paper in National level conference at **MUTHIAMMAL ENGINEERING COLLEGE, NAMAKKAL**, Tamilnadu on **12th March 2010**.
- ♦ Participated and presented a paper in International Conference(ICMOC – 2014) at **Noorul Islam University,Kumaracoil,Kanyakumari**. on **10th and 11th April 2014**.

Annexure List Publications:

1. **S. Jeyakrishnan, M. Naga Swapna Sri, P. Anusha, S. vijayakumar, “ An Integration of RSM and ANN Modeling approach for prediction of FSWjoint properties in AA7178/AA5456 alloys”** published by **Canadian Metallurgical Quarterly**, <https://doi.org/10.1080/00084433.2024.2310344>, ISSN: (Print Online) journal homepage: <https://www.tandfonline.com/loi/ycmq20>, published on **31st Jan 2024**.
2. **S. Jeyakrishnan, M. Naga Swapna Sri, P. Anusha, S. vijayakumar, “ Grey-Taguchi Approach for Optimizing FSW parametersin joining AA6262 and AA5083 alloys”** published by **Chiang Mai Journal of Science**. 2024; 51(1), Page No. 1-16, <https://doi.org/10.12982/CMJS.2024.003>. published on **24 Jan 2024**.

Publications

1. **D. Sriram, B.D.Y. Sunil, S. Jeyakrishnan, “ Investigation of different Electrolyte effects on Mocro-hole Machining of Scraped Wheel Alloy”** published by Elsevier B.V in the journal **“Results in Surfaces and Interfaces”** <https://doi.org/10.1016/j.surfi.2025.100429>, available online from **23rd Jan 2025**.
2. **Bharathi Yazhini.K, Ganesh kumar A, Jeyakrishnan.S, Pazhanivel.K, “ Review on natural method for wastewater treatment”** published by **“Internation Journal on Brazilian Journal of Development”** <https://DOI:10.34117/bjdv10n4-030>, Page No. 01-08,published in **16th April 2024**.
3. **S. Jeyakrishnan, P. Anusha , “Optimization parameters for electro discharge machining on Nimonic 80A alloy using grey relational analysis”** published by Springer-Verlag France SAS in **“International Journal on Interactive Design and Manufacturing (IJIDeM)”** <https://doi.org/10.1007/s12008-023-01616-x>, Page No. 1-14, published in **Nov 2023**.
4. **Bhiksha Gugulothu, S. Vijayakumar, S. Jeyakrishnan, “Optimization of TIG Welding process parameters on chrome alloy steel using Box-Behnken method”** published by Springer-Verlag France SAS in **“International Journal on Interactive Design and Manufacturing (IJIDeM)”** <https://doi.org/10.1007/s12008-023-01531-1>, Page No. 1-13, published in **Oct 2023**.

Dr.S.JeyaKrishnan

Plot No. 45, F4, 6th Street, Sri Sakthi Nagar, Tambaram (West), Kanchipuram, Chennai – 600 045 ♦ +91 9943446181,
jkmech2003@gmail.com, jkmech2003@yahoo.co.in ♦ +91 84288 66777

5. T.V. Rao, **S. Jeyakrishnan**, D R Rajkumar, “**Fabrication and Tensile Impact and Hardness Test of Al6061/SiC/Coconut Shell Ash Composites**” published by Springer Nature Switzerland in a book “**International Conference on Smart Sustainable Materials and Technologies**”, Page No. 31-37, Published on 30 August 2023.
6. P. Anusha, **S. Jeyakrishnan**, S. Vijayakumar, “**Design and Optimization the wear characteristics for Al7178/TiO2/B4C/FA central hybrid composite**” published by Springer Paris in “**International Journal on Interactive Design and Manufacturing (IJIDeM)**” <https://doi.org/10.1007/s12008-023-01341-5>, Page No. 1-9, published in May 2023.
7. **S. Jeyakrishnan**, Sanjay S Chaudhary, “**Enhanced Mechanical Properties Of MetalMatrix Composites With Nanoceramics/Nanoclay On Machinability**” published by “**International Journal of Advanced Computing & Electronics Technology (IJACET)**”, ISSN (PRINT):2394-3408,(ONLINE):2394-3416,VOLUME-3, ISSUE-5, 2016.
8. **S. Jeyakrishnan**, Sanjay S Chaudhary, “**Fabrication Of Aluminum/Metal Matrix CompositeReinforced by SIC Nano Particles**” published by “**International Journal of Current Engineering & Scientific Research(IJCESR)**”, ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-3, ISSUE-2, 2016.
9. **S. Jeyakrishnan**, Dr. D. Dinakaran, “**Condition Monitoring in Friction Stir Welding using accelerometers**” published by “**International Journal of Applied Engineering Research**” ,ISSN 0973-4562 Vol.9 No.26(2014) pp. 8979-8982 © Research India Publications; <http://www.ripublication.com/ijaer.htm>

Patents:_____

- ♦ **Dr. S. Jeyakrishnan**, Dr.N. Arunkumar, Ms.Adina Karunasri having a **Patent** in the name of “ **An Iot based trash Fertilizer bin**”, Cbr Number : 200037, dated 24/02/2023.

Extra Curricular Achievements_____

- Represented District level Ball Badminton team& won **RUNNER** Position in the year 1998.
- Represented District level Badminton team& won **RUNNER** Position in the year 2000.
- Represented the college team in **Tamilnadu Inter Engineering Sports (TIES)** for Badminton and BallBadminton in 2004-2006.

Dr.S.JeyaKrishnan

Plot No. 45, F4, 6th Street, Sri Sakthi Nagar, Tambaram (West), Kanchipuram, Chennai – 600 045 ♦ +91 9943446181,
jkmech2003@gmail.com, jkmech2003@yahoo.co.in ♦ +91 84288 66777

➤ Captain for the college Badminton team for the year 2004-2006.

Personal details

DATE OF BIRTH	: 07.06.1985
AGE	: 39
SEX	: Male
MARITAL STATUS	: Married
BLOOD GROUP	: O ⁺ VE
FATHER'S NAME	: Mr. SUNDARARAJ.R
MOTHER'S NAME	: Mrs. PANDIAMMAL DEVI. S
SPOUSE	: Mrs. VASANTHI. A
MOTHER TONGUE	: Tamil
LANGUAGES	: Read : Tamil, English,Hindi Write : Tamil, English,Hindi Speak : Tamil, English

I,(**Dr. S.JEYA KRISHNAN**)do hereby confirm that the information given above is true
to the best of my knowledge.

DATE:

PLACE:

SIGNATURE:

[Dr. S. JEYAKRISHNAN]