

CURRICULUM VITAE

Personal Details

<i>Name</i>	Mrs. Preeda S Pillai
<i>Date of Birth</i>	13 th June 1983
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Educational Qualifications

- M Tech (Thermal) with distinction from R.I.T, Indore affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya.
- BE Mechanical with distinction from S.S.J.C.O.E, Jalgaon affiliated to North Maharashtra University.
Elective subject: - **Automobile Engineering and Materials Management.**
- H.S.C with higher second class from G.E.S H.A.L Jr. College, Nashik affiliated to Nashik board.
- S.S.C with higher first class from G.E.S H.A.L High School, Nashik affiliated to Nashik board.

Experience

*K. K. Wagh I. E. E. & R.,
Amrutdham, Panchavati,
Nashik*

Worked as lecturer in Department of Mechanical Engineering from January 2008 to August 2008.

Working as Assistant professor in Department of Mechanical Engineering since August 2008 till date.

*Gear and Gear Drives, Indira
Nagar, Bangalore*

Worked as a free-lancer for the company Gear and Gear Drives in Bangalore on the project Modified Worm Gear Screw Jack for 100 tones.

Workshops and Trainings attended

- Participated in two day workshop on “Faculty Development Program” organised by Nalanda Business Associates on 9th and 10th February 2018.
- Participated in one day workshop on syllabus Implementation for the subject “Hydraulics and Pneumatics” organised by K.K.W.I.E.E.R Nashik on 16th July 2018.
- Participated in Curriculum Implementation Workshop on syllabus Implementation for the subject “Engineering Thermodynamics” organised by D Y Patil college of Engineering, Pune during 17-20 June 2020.
- Participated in AICTE-ISTE approved Orientation Programme on “Introduction to Moodle for Teaching Learning Process” held during 17-22 May 2021 organized by K.K.Wagh Polytechnic, Nashik.
- Participated in AICTE sponsored one week short term training programme on “Advanced techniques in Modelling and Analysis for Materials and Manufacturing Processes” from 14-19 December 2020.
- Participated in NITTTR sponsored one week short term training programme on “Active learning under Engineering Education” from 21-25 September 2020.
- Participated in AICTE-ISTE approved one week short term training programme on “Outcome based Education and NBA” from 29 June to 3rd July 2020.
- Attended more than nine workshops, ten Faculty Development Programmes, seven online webinars etc.
- Completed around 11 Coursera Courses.

Workshops and Trainings organised

- Organised workshop on “**Advances in Heat Transfer**” for Students at K. K. Wagh Engineering Institute, Nashik in September 2018/ September 2019/September 2020.
- Organised poster presentation and quiz completion for students of class 12th Science.

Conferences and Publications

- Preeda Pillai, A.K.Gupta, “Study of Biogas Compact Digester for Bio-diesel dual fuel Engine- A Review”, International Journal of Thermal Technologies (ISSN: 2277 – 4114) in Vol.5, No.1 (March 2015).

- Preeda Pillai, Sunil Padole,” Production of Biogas Using Compact Digester & Comparative Evaluation on Performance Parameter of it with Diesel Engine”, IJIREM journal, Volume-2, Issue-5, September-2015

Appreciation/ Awards

- Appreciation for securing hundred percent result in theory examination in the subject Applied Thermodynamics and Advanced Manufacturing Processes.
- Appreciated for completing 10 years continuous service in K.K.Wagh Institute of Engineering Education and Research, Nashik

Academics

- Courses taught:
FE: Basic Mechanical Engineering, Engineering Graphics-I, Engineering Graphics-II,
SE: Internal combustion engines, Thermodynamics, Fluid Mechanics, Heat and Fluid Engineering
TE: Hydraulics and Pneumatics
BE: Gas Turbine and Jet Propulsion, Industrial fluid Power, Advanced Manufacturing Processes
- Project guidance to final year students in the field of Thermal and Manufacturing.
- Seminar guidance to third year students
- ERP Coordinator of Mechanical Engineering Department
- Criteria Head for NAAC and NBA
- Institute criteria coordinator of file I.10 for NBA
- Event Coordinator for technical event (MECHEAVEN)

Memberships of Scientific and professional Societies

- Member of Society of automotive Engineers (SAE)

Industrial Training Completed

- Completed Industrial training at Press Tools Engineers during 29th November to 13th December 2019.

Expert Talk Organized

- Organized expert talk by Mr. Vinukamar , Senior Manager from Hindustan Aeronautics Ltd, Nashik also ex-student of K.K.W.I.E.E.R Nashik
- Organized expert talk by Mr. Santosh Chavan , Senior Manager from Hindustan Aeronautics Ltd, Nashik also ex-student of K.K.W.I.E.E.R Nashik
- Organized Webinar on “Intellectual Property Rights” for Students at K. K. Wagh Engineering Institute, Nashik in October 2021.
- Organized Webinar on “Peeping in Data Science: Data could be Misleading” for Students at K. K. Wagh Engineering Institute, Nashik in September 2020.
- Organized Webinar on “Hybrid and Electric Vehicle” for Students at K. K. Wagh Engineering Institute, Nashik in May 2020