

**KNOWLEDGE ASSET 2020-21**



Name: J. SNOTHASWINI  
Designation: Assistant professor  
Department: Automobile Engineering  
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Experience (in years): 4 Teaching: UG Research: Automobile engineering, Electric vehicles.

**1. Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	BE	2014	Automobile Engineering
2.	M.Tech	2017	Engineering Design

**2. Teaching and Learning:**

- 2.1. Teaching Interests: Teaching, research, updation of knowledge & knowledge transfer.
- 2.2. Novel Teaching & Learning Techniques adopted: WIT & WILL, PPTs, Assignments, Quizzes.
- 2.3. Involvement in curriculum updating / Design: Curriculum revision and syllabus updations

**3. Co-curricular and Extra-Curricular Activities**

- 3.1. Interests and Hobbies: Interest to learn other languages, Reading Gk books, Playing BB
- 3.2. CCA/ECA Organized:
- 3.3. CCA/ECA participated:
- 3.4. Counseling and Mentoring Activity: UG Students-2018-2022
- 3.5. Committees involved in:
  - Department level: Coordinator for Students Feedback, Associate Editor for Vignana Vartha., Co-ordinator - Spoken tutorials, SPOC – Admissions, Co-ordinator – convergence.
  - Institute Level: Academic Audit cell Member (AAC)

**4. Conference / Workshop / Seminar / Guest Lectures :**

- 4.1 Conducted:
- 4.2 Attended: 1.Training And Learning (ATAL) Academy Online FDP on "Electric Vehicles".
  - 2. One day webinar on "After treatment systems foe BS VI vehicles".

3. Seminar on “Characteristics and Machinability studies of metal matrix composites & Friction stir welding”

**5. Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures:

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided :

a) UG :1 batch

b) PG :

5.5. Research Interests : Automobile Engineering

5.6. Ph.D students :

a) Enrolled :

b) Submitted :

c) Awarded :

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1					
2					

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Comprehensive Review on Turbocharging of IC Engines to Reduce the Turbo Lag and Novel Methods to Improve the Performance and Exhaust Emission Characteristics	1st International Conference on Sustainable Energy Solutions for a Better Tomorrow,	International	July 23 – 24, 2020,
2				

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

**4. Awards / Honors received:**

**7.Motto:** Work towards the Betterment of an organization.