

SAHIL

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WORK EXPERIENCE

Govt. Polytechnic, Manesar

Guest Lecturer [Sep 2017 – Present]

- Class size: 5 sections of 60-65 students each
- Subjects: Strength of material, Machine Design and Thermodynamics

PREFERRED SUBJECTS

- Strength of material
- Machine Design
- Thermodynamics

LIST OF PUBLICATIONS

1. **“Selection of Material for Gear used in Fuel Pump using Simple Additive Weighting (SAW) Method”**
Sahil, Rajeev Saha, Sanjeev Kumar, IJSRD - International Journal for Scientific Research & Development| Vol. 5, Issue 04, 2017
2. **“Design of Measuring Instrument for Excavator Bucket Tooth”**
Sahil, Rajeev Saha, Sanjeev Kumar, Proceedings of the National Conference on Trends and Advances in Mechanical Engineering (TAME-2017) March 16-17, 2017
3. **“Selection of material for gear used in fuel pump using Graph Theory and Matrix Approach (GTMA)”**
Sahil, Rajeev Saha, Sanjeev Kumar. World Academy of Science, Engineering and Technology International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering Vol:11, No:4, 2017

COMPETITIVE EXAM

- GATE 2020 - Score 550, Rank 8318
- GATE 2021 - Score 621, Rank 3717

EDUCATION

2015-till now **M.Tech, Manufacturing Technology and Automation**
CGPA – 9.0
YMCAUST, Faridabad

- Designed a measuring instrument for excavator bucket tooth.
- Selected material for gear used in fuel pump by applying Graph theory and matrix approach (GTMA).
- Selected material for gear used in fuel pump by applying Simple Additive Weighting (SAW) Method”

2011-2015 **B.Tech, Mechanical Engineering**
Percentage – 71.9%
Kurukshetra University