

# Deepak Kumar

## Correspondence Address

P.O Nawada, Near Gorkha Chowk  
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## CARRIER OBJECTIVE

Seeking a challenging and rewarding opportunity with an organization of repute, which recognizes and utilizes my true potential while nurturing my analytical and technical skills

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## PROFILE

- Qualified **M.Tech (Mechanical Engineering)** from **National Institute of Technology, Jalandhar** accented with the latest trends and techniques of the field; having an inborn quantitative aptitude to carve a niche in the industry.
  - Conceptually **strong with an innovative and analytical approach** to the work with an eye for detail. Enriched with the ability to learn new concepts & technology within a short span of time. Possess special interest in **Thermodynamics, Internal Combustion engine and Strength of material.**
  - Capable in managing operation & maintenance of machines & equipment in reducing downtime and enhancing operational effectiveness of equipment.
  - Understanding of all aspects governing operational activities and up to date knowledge of latest technological advancements, regulations/ guidelines and statutory compliances in the industry.
  - An **effective team player** with a systematic approach and quick adaptability.
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## PROFESSIONAL EXPERIENCE

### a) Teaching Experience: 8+ year

25<sup>th</sup> June 2020- till now: Assistant professor at Women Institute of Technology, Dehradun

1<sup>st</sup> Aug 2014- 8<sup>th</sup> January 2020: Assistant professor at Shivalik College of Engineering, Dehradun

### b) Industry Experience: 9 month

10<sup>th</sup> Sep 2011-12 June 2012: Maintenance Engineer at "Indraprastha gas limited", New Delhi.

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## RESEARCH PAPER

- Deepak Kumar, Ajay Trehan, "EXPERIMENTAL INVESTIGATION OF SI ENGINE PERFORMANCE USING ETHANOL-GASOLINE BLENDED FUELS" International Journal of Scientific & Engineering Research, Volume 7, Issue 12, December-2016. ISBN: 2229-5518.
  - Deepak Kumar, Ajay Trehan, " EXHAUST EMISSION OF ETHANOL-UNLEADED GASOLINE BLENDS IN SPARK IGNITION ENGINE" International Journal of Scientific & Engineering Research, Volume 7, Issue 12, December-2016. ISBN: 2229-5518.
  - Rupesh Kumar, Abhishek Kumar, Deepak Kumar, "AUTOMATIC WASTE WATER CLEANING EQUIPMENT" International Journal of Scientific & Engineering Research, Volume 7, Issue 12, December-2016. ISBN: 2229-5518.
  - Deepak Kumar, Ayushman Srivastav, "THE EFFECT OF ETHANOL-UNLEADED GASOLINE BLENDS ON ENGINE PERFORMANCE AND POLLUTANT EMISSION IN A SPARK-IGNITION ENGINE" International Journal of Scientific & Engineering Research, Volume 7, Issue 12, December-2016. ISBN: 2229-5518.
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## EDUCATIONAL CREDENTIALS

- **PhD (Pursuing)**  
National Institute of Technology, Kurukshetra, Haryana
- **M.Tech (Mechanical Engineering) 2014**  
National Institute of Technology, Jalandhar, Punjab; **7.6 CGPA**
- **B.Tech (Mechanical Engineering) 2011**  
Kumaon Engineering College (Govt. Engineering College), Dwarhat, Almora; **68.00%**

## FDP/Training Attended

- Participated five day faculty induction program on "Importance of student induction program in 21<sup>st</sup> Century & how to make teaching learning process effective" organize by UTU from 24 July 2018 to 28 July 2018.
- Three days National Training Program on "practical hands for processes of Bio-fuel Production from Non-edible Vegetable Oils" at SSSNIRE, Kapurthala, Punjab.
- Participated three day workshop on "How to write research paper" organize by Shivalik College of Engg. Dehradun.
- Six weeks summer training at "Instrument Research & Development Establishment"(DRDO), Dehradun.

## Academic Accolades

- GATE -2014,15,18 exam qualified with above 90% percentile
  - Won merit scholarship in year 2009-10
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## Extra-Curricular Accolades

- Credential of winning 1<sup>st</sup> prize in "GO-GETTER" assembler event held at Inter University Level Technical Fest
  - Won 1<sup>st</sup> prize in "CAD WAR" event held at inter university level technical fest
  - Active member of College Volleyball team
  - Coordinator of College National level technical festival named 'AAROHAN-2010'
  - Participated in National level cricket tournament held at "College of Technology" Pantnagar
  - Member of "Sponsorship Team" responsible for collection of funds for College technical fest
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## PERSONAL DETAILS

- Name : Deepak Kumar
- Gender : Male
- Nationality : Indian
- Hobbies : Reading, Playing games and Traveling
- Permanent Address : P.O Nawada, Near Gorkha Chowk, Dehradun, Uttarakhand
- Languages Known : English and Hindi
- Permanent Phone No : 9897520966