

CURRICULUM VITAE

VIVEK KUMAR SHARMA

Village - Dangoh
Post Office - Dangoh
Tehsil - Ghanari
Una, Himachal Pradesh
INDIA (177204)

Phone: +918278858898

E-mail: vivek423sharma@gmail.com

EDUCATION

March, 2010	Govt. High School Dangoh, Una (H.P.), India. Percentage: 86.71 %
March, 2012	St. D.R. Senior Secondary School Gagret, Una (H.P.), India. Percentage: 84.60 %
June, (2012-2016)	Completed Bachelor of Technology (B.Tech.) in Mechanical Engineering, J.N.G.E.C. Sundernagar. Percentage: 72.06 %
July, 2016-November, 2018	Completed Master of Technology (M.Tech.) in Mechanical Engineering (CAD-CAM), NIT Hamirpur. CGPI: 8.84/10

ACADEMIC INTERESTS

- Mechanics of Materials
- Fluid Mechanics
- Thermodynamics
- Machine Design
- Heat Transfer

PROJECT/RESEARCH WORK

- Completed M.Tech. thesis project “**The tribological behavior of biodegradable castor oil modified with copper oxide and zinc oxide nanoparticles**”, under the supervision of **Dr. Rakesh Sehgal** (Professor, Mechanical Engineering Department, NIT Hamirpur) and **Dr. Siddhartha** (Asst. Professor, Mechanical Engineering Department, NIT Hamirpur). The purpose of the project is to investigate antiwear ability of nanoparticles in castor oil biolubricant.

- Completed B.Tech thesis project “**Construction and performance analysis of solar air dryer**”, in a team of seven under the supervision of **Er. Mridul Sharma** (Asst. Professor, Mechanical Engineering Department, J.N.G.E.C. Sundernagar). The objective of this project was to develop solar air dryer integrated with solar air heater for drying agricultural products and to investigate its performance under forced convection mode of drying.

INDUSTRIAL EXPOSURE

June – July 2015	Summer training at Bhakra Beas Management Board, Sundernagar (H.P.) . Got exposure to the working of dredger in the balancing reservoir, control gates, machine shop handling and layout and automobile workshop.
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SCHOLASTIC ACHIEVEMENTS AND HONORS

- GATE Performance is shown in the table below. GATE scorecards are also attached with C.V.

GATE YEAR	MARKS (OUT OF 100)	GATE SCORE (OUT OF 1000)	ALL INDIA RANK (AIR)	PERCENTILE
2016	51.60	574	7039	96.44
2017	62.60	659	4430	97.67
2018	72.44	749	1772	99.09
2019	72.66	764	1108	99.34

- Represented Govt. High School Dangoh in science quiz and activity corner at zonal level in children science congress from 6th class to 10th class.
- Secured 60th position in merit in 10th in state.
- Secured 49th position in merit in 12th in state.
- Awarded with merit scholarship by Himachal Pradesh Board of School, Dharamshala.
- Awarded with merit scholarship by M.H.R.D., Govt. of India.

EXTRA CURRICULAR ACTIVITIES / HOBBIES

- Teaching
- Diary writing
- Motivating people
- Playing and watching cricket
- Listening and singing songs

COMPUTER PROFICIENCY

- Operating systems: Windows 7, Windows XP, Windows 8, Windows 10
- Applications: M.S. Office

KEY STRENGTHS

- Self motivated
- Persistence
- Honest
- Good team worker (leader as well as follower)
- Quick learner
- Adaptable

PERSONAL INFORMATION

- Name: Vivek Kumar Sharma
- Sex: Male
- Born on: 10th November, 1995
- Marital Status: Unmarried
- Father's Name: Mr. Suresh Kumar
- Mother's Name: Mrs. Kamlesh Kumari





Scorecard
Number
RAMJG

GATE 2016 Scorecard

Graduate Aptitude Test in Engineering

Name

VIVEK KUMAR SHARMA

Registration Number

ME16S28025140

Examination Paper

Mechanical Engineering (ME)



Vbs

(Candidate's Signature)

Organizing Institute for GATE 2016 : Indian Institute of Science

Candidate's Details

Candidate's Performance
Bounds

GATE Score **574**

Valid from March 23, 2016 to March 22, 2019

Mark out of 100* **51.6**

All India Rank in this paper **7039**

Qualifying Marks** **29.6** **26.6** **19.7**
General OBC (NCL) SC/ST/PwD

**Number of Candidates
Appeared in this paper** **197789**

* Normalized marks for multisession papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned in the relevant category for which a valid category certificate, if applicable, must be produced along with this scorecard.

Digital Fingerprint : a3424d08c556cf091e048fedf60be367

March 23, 2016

T. Bhattacharyya

Prof. Tirthankar Bhattacharyya

Organizing Chairperson GATE2016 on behalf of NCB-GATE, for MHRD

The GATE 2016 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this scorecard in GATE 2016

M_q is the qualifying marks for general category candidate in the paper

\bar{M}_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to \bar{M}_t

In the GATE 2016 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2016 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Codes for XE and XL Paper Sections (compulsory section and any other two sections) :

XE: Engineering Sciences

- A-Engineering Mathematics (compulsory)
- B-Fluid Mechanics
- C-Material Science
- D-Solid Mechanics
- E-Thermodynamics
- F-Polymer Science and Engineering
- G-Food Technology

XL: Life Sciences

- H-Chemistry (compulsory)
- I-Biochemistry
- J-Botany
- K-Microbiology
- L-Zoology
- M-Food Technology

Graduate Aptitude Test in Engineering (GATE) 2016 was organized by the Indian Institute of Science on behalf of the National Coordination Board (NCB) for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.

Authenticity of this scorecard can be verified at the GATE 2016 website <http://gate.iisc.ernet.in>



GATE 2018 Scorecard

Graduate Aptitude Test in Engineering

Candidate's Details

Name

VIVEK KUMAR SHARMA

Registration Number

ME18S18018179

Examination Paper

Mechanical Engineering (ME)



(Candidate's Signature)

Performance

Marks out of 100*

72.44

Valid from March 17, 2018 to March 16, 2021

Qualifying Marks**

34.7

31.2

23.1

All India Rank in this paper

1772

General OBC (NCL) SC/ST/PwD

GATE Score

749

Number of Candidates
Appeared in this paper

194496

* Normalized marks for multi-session papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard

Digital Fingerprint: 69e0ba1cdb9b13223dca8c551d4986c1

Prof. G. Pugazhenthil

March 17, 2018

Organizing Chairman, GATE 2018
(on behalf of NCB – GATE, for MHRD)

The GATE 2018 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2018 scorecard

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- G – Food Technology
- H – Atmospheric and Oceanic Sciences

XL: Life Sciences

- P – Chemistry (compulsory)
- Q – Biochemistry
- R – Botany
- S – Microbiology
- T – Zoology
- U – Food Technology

Graduate Aptitude Test in Engineering (GATE) 2018 was organized by Indian Institute of Technology Guwahati on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.



GATE 2019 Scorecard

Graduate Aptitude Test in Engineering

Candidate's Details

Name

VIVEK KUMAR SHARMA

Registration Number

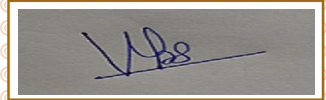
ME19S28045051

Examination Paper

Mechanical Engineering (ME)



6607164ME19S28045051VIVEKKUMARSHARMA10101011981100233R75



(Candidate's Signature)

Performance

Marks out of 100*

72.66

Valid from March 17, 2019 to March 16, 2022

Qualifying Marks**

34.1

30.7

22.7

All India Rank in this paper

1108

General OBC (NCL) SC/ST/PwD

GATE Score

764

Number of Candidates
Appeared in this paper

167376

* Normalized marks for multi-session papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard

N. J. Vasa

Prof. Nilesh J. Vasa

March 17, 2019

Organizing Chairman, GATE 2019
(on behalf of NCB – GATE, for MHRD)

Digital Fingerprint: 13cbcd7972e9848e1ecef2f276f59279



The GATE 2019 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2019 scorecard

M_q is the qualifying marks for general category candidate in the paper

\bar{M}_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to \bar{M}_t

In the GATE 2019 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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- P – Chemistry (compulsory)
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- S – Microbiology
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- U – Food Technology

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