



# GATE 2017 Scorecard

## Graduate Aptitude Test in Engineering

Name

AMAL G S

Registration Number

CH17S77041058

Examination Paper

Chemical Engineering (CH)



Amal GS

( Candidate's Signature )

Mark out of 100*	50.02	Valid from	March 26, 2017 to	March 26, 2020
Qualifying Marks**	44.3	39.8	29.5	All India Rank in this paper
	General	OBC (NCL)	SC/ST/PWD	1830
GATE Score	423	Total Number of Candidates	14542	

\*Normalized marks for multisession 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 : 67a8436cec398adfbba85ca406133855

March 26, 2017

G. J. Chakrapani  
Prof. Govind Joseph Chakrapani

Organizing Chairman, GATE 2017 on behalf of NCB-GATE, for MHRD

The GATE 2017 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 score card in GATE 2017

$M_q$  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 2017 score formula,  $M_q$  is usually 25 marks (out of 100) or  $\mu + \sigma$ , whichever is greater. Here  $\mu$  is the mean and  $\sigma$  is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2017 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
- 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) 2017 was organised by Indian Institute of Technology Roorkee on behalf of the National Coordination Board (NCB) for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.

### Details of Academic Events Attended

Sr No	Type of Event	Name of Event	Organiser	Date
<b>Faculty Development Programme</b>				
1	Online FDP	Leaning Management System – Moodle	APJ Abdul Kalam Technological University, Kerala	22 – 05 – 2020 to 27 – 05 – 2020
2	Online FDP	Guidelines for Genuine Evaluation of Examination Answer Sheets	Ahalia Palakkad ISTE Chapter	16 – 08 – 2020
3	Online FDP	Novel Perspectives in Electrochemical Processes for Chemical and Environmental Engineering	Department of Chemical Engineering, TKM College of Engineering	12 – 10 – 2020 to 17 – 10 – 2020
4	Online FDP	Sustainable Engineering	Ahalia Palakkad ISTE Chapter	August – November 2020 (12 weeks, 2 hours per week)
5	Online Short Term Training Programme	Computational Fluid Flow and Heat Transfer Phase – III	Department of Chemical Engineering, Gayatri Vidya Parishad College of Engineering	09 – 11 – 2020 to 14 – 11 – 2020
6	Online FDP	Application of Machine Learning and Data Science in Engineering Technology	Rajasthan Technical University and Regional College for Education Research and Technology, Jaipur	15 – 12 – 2020 to 19 – 12 – 2020
7	Online FDP	Data Analysis using MS Excel	Department of Mathematics, IQAC, BBDNIIT, Lucknow	25 – 12 - 2020 to 27 – 12 – 2020
8	Online FDP	Python Programming for Computer Vision and Data Science	Department of Electronics and Communication, TKM College of Engineering, Kollam	28 – 12 – 2020 to 02 – 01 – 2021
9	Online FDP	Artificial Intelligence	AICTE Training and Learning, and Aditya Institute of Technology and Management	01 – 01 – 2021 to 05 – 01 – 2021
10	Online FDP	Design of Experiments using TAGUCHI Technique	Rajasthan Technical University and Regional College for Education Research and Technology, Jaipur	26 – 01 – 2021 to 30 – 01 – 2021
11	Online FDP	Blended Learning and Flipped Classroom	AICTE Training and Learning, and National Institute of Technical Teachers Training and Research, Chandigarh	01 – 02 – 2021 to 05 – 02 – 2021
12	Online FDP	Machine Learning and Optimization Phase I	Department of Electronics and Communication Engineering, Ahalia Palakkad ISTE Chapter	22 – 02 – 2021 to 27 – 02 – 2021
13	Online FDP	Constitution of India	Department of Electronics and Communication, TKM College of Engineering, Kollam	15 – 03 – 2021 to 20 – 03 – 2021

14	Online FDP	Managing Workplace Stress and Developing Employee Wellbeing	IBM, Centre of Spirituality and Wisdom, GLA University, Mathura	15 – 03 – 2021 to 20 – 03 – 2021
15	Online FDP	Opportunities and Challenges in Academic Research	Department of Chemical Engineering, Government Engineering College, Kozhikode	15 – 03 – 2021 to 20 – 03 – 2021
16	Online FDP	Machine Learning and Optimization Phase II	Department of Electronics and Communication Engineering, Ahalia Palakkad ISTE Chapter	22 – 03 – 2021 to 27 – 03 – 2021
17	Online FDP	Fuel Cell Technology: Progress, Challenges and Future Prospects	Department of Chemical Engineering, Government Engineering College, Kozhikode	22 – 03 – 2021 to 27 – 03 – 2021
18	Online FDP	Fine Tune Your Research Planning	Department of Information Technology, Government Engineering College, Palakkad	22 – 03 – 2021 to 26 – 03 – 2021
19	Online Training/FDP	Fusion 360	Internshala	26 – 03 – 2021 (Eight Weeks)
20	Online FDP	E-Contents and ICT Tools for Innovative Teaching & Learning	RCP Universe Group of Institutions, Roorkee	01 – 05 – 2021 to 07 – 05 – 2021
21	Online FDP	Recent Developments in Materials, Manufacturing, and Thermal Applications	Karpagan Academy of Higher Education, Coimbatore	07 – 06 – 2021 to 12 – 06 – 2021
22	Online FDP	Recent Trends in Applications of Mathematics (RTAM)	Department of Freshman Engineering, Chadawalawada Ramanamma Engineering College (Autonomous), Tirupati	12 – 07 – 2021 to 17 – 07 – 2021
23	Online FDP	Recent Research Advances in Materials : Water and Wastewater Treatment	Department of Science and Humanities, Bharat Institute of Engineering and Technology and Indian Ceramics Society, Hyderabad, Telangana	02 – 08 – 2021 to 07 – 08 – 2021
24	Online FDP	Scientific Documentation using LaTeX (SDL-2021)	Department of Engineering Mathematics and Humanities, SRKR Engineering College (A), Bhimavaram	09 – 08 – 2021 to 14 – 08 – 2021
25	Online STTP	Google Apps from Scratch	IQAC, Christopher Arts and Science College (Women)	16 – 08 – 2021 to 22 – 08 – 2021
26	Online FDP	Emerging Trends in Nanotechnology	Department of Basic Science, Vishnu Institute of Technology (A), Bhimavaram, AP	09 – 11 – 2021 to 13 – 11 – 2021
<b>Training / Courses</b>				
1	Webinar Series	MATLAB Master Class 2020	IETE Mumbai and Pantech Prolabs Indis Pvt Ltd.	01 – 09 – 2020 to 20 – 09 – 2020
2	Webinar Series	AI Master Class using MATLAB	Pantech Prolabs Indis Pvt Ltd.	18 – 01 – 2021 to 01 – 02 – 2021

3	Webinar Series	AI Master Class using Python	Pantech Prolabs Indis Pvt Ltd.	16 – 02 – 2021 to 17 – 03 – 2021
4	Online Course	Application of Artificial Intelligence in Environmental and Process Engineering	CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram	08 – 03 – 2021 to 11 – 03 – 2021
5	Online Training	Internship and Job Preparation	Internshala	12 – 03 – 2021 (Four Weeks)
6	Online Training	Fusion 360	Internshala	26 – 03 – 2021 (Eight Weeks)
<b>Workshop</b>				
1	Online Workshop	DWSIM	Teaching Learning Centre (ITC), IIT Bombay	29 – 08 – 2020
2	Online Workshop	Computational Fluid Dynamics – An Approach for Research	Department of Mechanical Engineering, TKM College of Engineering	21 – 09 – 2020 to 22 – 09 – 2020
3	Online Workshop	OpenFOAM	Teaching Learning Centre (ITC), IIT Bombay	26 – 09 - 2020
4	Online Workshop	Fundamentals of Artificial Intelligence and its Applications in Education	School of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MoE, Govt. of India and Faculty of education, Dayalbagh Educational Institute	28 – 12 – 2020
5	Online Workshop	Basics of Process Simulation in Chemical Industry	Dreami Verse	12 – 03 - 2021
6	Online Workshop	Advanced Excel Workshop	JS Academy	14 – 03 – 2021
7	Online Workshop	LaTeX	Department of Mathematics, School of Science, GITAM, Bengaluru	05 – 07 – 2021 to 09 – 07 – 2021
8	Online Workshop	MATLAB	Department of Mathematics, Srimad Andavan Arts and Science College, Trichy	28 – 07 – 2021 to 30 – 07 – 2021
<b>Webinar</b>				
1	Webinar	Artificial Intelligence Programming using MATLAB	CoreEL Technologies	11 – 04 – 2020
2	Webinar	Application Development using MATLAB	CoreEL Technologies	20 – 04 – 2020
3	Webinar	Process Plant Design with Aspen HYSYS	Department of Chemical Engineering, SAINTGITS College of Engineering, Kottayam, Kerala	26 – 08 – 2020

4	Webinar	Nanotechnology and Climate Change	Department of Biotechnology and Biochemical Engineering, Sree Chitra Thirunal College of Engineering, Trivandrum	28 – 08 – 2020
5	Webinar	Sustainable Treatment Options for Liquid Waste Management	Department of Civil Engineering, PCCoE, Nigdi, Pune	29 – 08 – 2020
6	Webinar	Surface Engineering of Polymer Membrane	Centre of Chemistry and Chemical Excellence (CCCE)	09 – 09 – 2020
7	Webinar	Process Development Towards Continuous Manufacturing	Department of Biotechnology and Biochemical Engineering, Sree Chitra Thirunal College of Engineering, Trivandrum	28 – 09 – 2020
8	Webinar	Computational Mathematics using MATLAB	CoreEL Technologies	06 – 11 – 2020
9	Webinar	Value of IEEE Publications in Research and Career Development	TKM College of Engineering and EBSCO Information Services	29 – 12 – 2020
10	Webinar	New Horizons in Chemical Research and Product Development	Department of Chemistry and IQAC, Shri Vyankatesh College. Deulgaon Raja, Buldana	29 – 12 – 2020
11	International Webinar	Guidelines for Writing Research Articles	IQAC and Research Council, Madurai Sivakasi Nadars Pioneer Meenakshi Women's College, Poovanthi	04 – 01 – 2021
12	Webinar	Types of Patents in India	Turnip Innovations	16 – 01 – 2021
13	Webinar	Skills Training Series: Exploring Open Source Screen Recording Applications	Kaagapay Teacher Support	11 – 03 – 2021
14	Webinar	IPR and Patent Publication	Sharda University	15 – 03 – 2021
15	Webinar	Introduction to Patents and Patent Filing Procedure in India	Annamacharya Institute of Technology & Sciences, Rajampet	09 – 07 – 2021
16	Webinar	Development of Governing Equations of Fluid Flow	KPR Institute of Engineering and Technology, Coimbatore	02 – 08 – 2021 to 03 – 08 – 2021
17	Webinar	Relevance of Mathematics in Control Systems	Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore	07 – 08 – 2021
18	Webinar	Being Secure in the Digital World	RKDF University, Bhopal	30 – 09 – 2021

## Quiz

1	Quiz	Awareness to Protect Our Environment" on the occasion of "World Environment Day	NSS unit, Vidyanagar College	06 – 06 – 2021
2	Quiz	C Language	Department of CSE, Ramachandra College of Engineering, Eluru	15 – 09 – 2021
3	Quiz	World Ozone Day	Department of Corporate Secretaryship, Patrician College of Arts and Science, TamilNadu	16 – 09 – 2021
4	Quiz	Ancient and Medieval India	Madathilasaan Centre for Human Empowerment in association with NSS, NCC, EBSB and IQAC, Kuriakose College, Pampady	17 – 09 – 2021
5	Quiz	Rich Cultural Heritage of India	Ministry of Electronics and Information Technology, GOI	17 – 09 – 2021
6	Quiz	Clever Bits – 2021	PG & Research Department of Computer Science, Sri Ramakrishna College of Arts and Science, Coimbatore, TN	25 – 09 – 2021
7	Quiz	Gandhi Jayanti Quiz	Arive Aatral Youtube Chanel	25 – 09 – 2021
8	Quiz	Electrical and Electronics Engineering	Department of Electrical and Electronics Engineering, Sri Ramakrishna Engineering College, Coimbatore	27 – 09 – 2021
9	Quiz	Quiz Series on Physics	Department of Physics, KPRIET	28 – 09 – 2021

#### Webinar Series

1	Webinar Series	Safety Challenges in Oil and Gas Industry	Department of Chemical Engineering, TKM College of Engineering and Petroleum and Explosive Safety Organisation (PESO)	19 – 10 – 2020 to 21 – 10 – 2020
2	International Webinar Series	Industry Academia Innovation	Government Mahaveer College, Petlawad	18 – 01 – 2021 to 20 – 01 – 2021

#### Conference / Talk

1	National Conference	Advances in Chemical and Environmental Engineering	Department of Chemical Engineering, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar	22 – 04 – 2016 to 23 – 04 – 2016
2	Talk	Industry Institute Interaction Programme	Department of Chemical Engineering, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar	05 – 03 – 2016 to 06 – 03 - 2016

#### Organised

1	International Conference	First International Conference on Energy and Environment: Global Challenges	Department of Chemical Engineering, National Institute of Technology, Calicut	09 – 03 – 2018 to 10 – 03 – 2018
2	Online Workshop	Effective Documentation using LaTeX	Department of Chemical Engineering, TKM College of Engineering	20 – 09 – 2020 to 02 – 10 – 2020
3	Webinar	Rudiments of Oil and Gas Industry	Department of Chemical Engineering, TKM College of Engineering	29 – 10 – 2020
<b>Delivered</b>				
1	Online Class	Design of Tall Vessels – Chemical Engineering Design	Additional Skill Acquisition Programme, Department of Higher Education, Government of Kerala	13 – 05 – 2020