

**RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, JAIS, AMETHI**

(An Institution of National Importance Established under the Act of Parliament)

List of short-listed candidates for written test and/or interview for possible admission in M. Tech. Programme of **Department of Petroleum Engineering & Geoengineering** for Odd Semester, Academic Session 2021-22

**Full Time Regular Registration Category**

<b>Sr. No.</b>	<b>RGIPT Reg. No.</b>	<b>Name of Candidates</b>
1	2117342	Abhilasha
2	2115694	Anshul Vijay Chhetri
3	2115883	Anusha Gupta
4	2116402	Ashish Gupta
5	2116063	Gokul Dev P.M
6	2115987	Harshit Tripathi
7	2117009	Jayant Kumar
8	2115825	Lavisha Jangid
9	2117083	Manish Kumar
10	2116854	Manish Kumar
11	2116668	Mula Lalitha Madhuri
12	2115702	Nishant Singh
13	2115859	Panneer Selvam P
14	2116038	Prashant Kumar
15	2115724	Rajnish Kumar Singh
16	2116347	Rohan Anand
17	2115741	Shivam Yadav
18	2115716	Venkata Vamsi Krishna Koundinya Kopparapu
19	2117897	Vinod Kumar Madem
20	2116153	Deepak Kumar Prajapati

The above short listing has been done on the basis of information provided by the applicant. If at any stage the information provided by the applicant is found incorrect, the application is liable to rejection.

The candidates will appear for written test on 22<sup>nd</sup> July 2021 at 10-11 AM onwards and the candidates qualifying the written test will appear for the interview on July 22<sup>nd</sup> 2021 from 2:30 PM onwards.

The final selection will be based on performance in GATE Score, written test & Interview.

## Syllabus for Written Test & Interview

### **Department of Petroleum Engineering and Geoengineering**

#### **M.Tech Written test /Interview Syllabus**

Fluid Mechanics, Heat and Mass Transfer, Petro physical properties of reservoir rock, PVT analysis, Thermodynamics of reservoir fluids, Material and Energy balance for oil and gas reservoir, Decline curve analysis, Fractional flow, Enhanced oil recovery, Diffusivity equation, Well bore storage, Pressure build up and draw down test, DST, Type curves, Gas well testing, Drilling methods, Rig operating systems, drilling fluids, cementing operation, drilling bits, drill string and casing design, well control, hole problems, directional drilling, formation damage, Well completion and stimulation techniques, Artificial lift techniques, IPR and TPR, Nodal analysis, Surface production operations and equipment design, Well completion design, Fluid flow operations, Flow assurance, Rheology, Sand control, CBM, Gas hydrates, Shale oil and Gas, Heavy oil, Reservoir modelling and simulation, Natural gas engineering, Pipeline design, Petroleum economics.