



## **Selection Criteria- Gate marks+Gd+PI**

### **Weightage-**

**60 % Gate marks**

**15 % Personal Interview**

**25% GD**

### **Source of Weightage – RTI**

Gd Topic-Fake news Is it stoppable?

Interview timing around 30 minutes

Interview Panel 5 members(1 female)

Interview

Tell me about yourself.

What role GAIL have in establishing RGIP?

Has anyone from GAIL delivered lecture in your Institute?

Has anyone from your college has given lectures in any GAIL office?

Which metal you recoverd during internship?

Why one metal only why not others?

Do barc have projects going on this metal recovery?

What is use of barium in barc?

Tell me about your hobbies and family members and their occupation.

Difference between compressible and imcompressible fluid.

Significance of compressibility factor.

Compressibility value of air at 1 atm and 10kgf/cm<sup>2</sup> .

Will solid be transported with help of air?

Tell me your favourite subject.



What is packed bed ? Tell its advantages over tray column.

How will you calculate trays in column?

Tell 2 methods for this.

Draw the McCabe Thiele diagram for given feed conditions( given by panel).State all operating lines.

Tell with feed composition being changed how will y-x graph change and how the number of trays in rectifying section change?

If total reboiler is used instead of partial what is the effect on the number of trays whether it is increased or decreased.

How will you separate close boiling point mixtures?

What is azeotropic distillation draw its column diagram and explain it?

What is extractive distillation and draw its column diagram and explain it?

Difference between these two distillation.

If the theoretical plates are known how to calculate height of packed tower.

What is HETP?

What is NTU and HTU tell their significance?

What is DM water?

What is ion exchange?

Why ion exchange of water is done?

What properties of ion exchange material should have?

Tell 2 points what you want to achieve in life.

Petroleum minister

ONGC CMD

GAIL CMD

Will you join GAIL if selected in IOE, ONGC, GAIL?

Will you work if posted in any part of the country?