Gajendra Purohit

Legend in CSIR-UGC NET & IIT-JAM

~ Unlock Code : GPSIR ~ PhD, CSIR NET (Maths) | Youtuber(800K+165K Sub.)/Dr.Gajendra Purohit (Maths), 17+ Yr. Experience, Author

50M Watch mins | **3M** Watch mins (last 30 days) | **44K** Followers | **2K** Dedications

- **TOP EDUCATOR ON UNACADEMY FOR CSIR NET & IIT JAM**
- **YouTuber with 800K Subscribers**
- **AUTHOR OF BEST SELLER BOOK FOR CSIR NET & IIT JAM**

Get 10% Off **Referral Code : GP SIR**

unacademy

Detailed Course 2.0 on

Sequence and Series For IIT JAM' 23

October 26
9:00 AM

Gajendra Purohit

Enroll Now

Use code **GPSIR** for 10% off

unacademy

Detailed Course on Group Theory

For CSIR NET 2023

Gajendra Purohit

November 3

Enroll Now

FEE DETAILS FOR IIT JAM SUBSCRIPTION

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 908 / mo Total ₹ 21,780	
You get 6 months extra for free		Offer expires 15 Jun 2022
12 months Save 54%	₹ 1,248 / mo Total ₹ 14,974	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,497 / mo Total ₹ 13,475	
6 months Save 25%	₹ 2,042 / mo Total ₹ 12,252	
3 months Save 17%	₹ 2,269 / mo Total ₹ 6,807	
1 month	₹ 2,723 / mo Total ₹ 2,723	

To be paid as a one-time payment

Have a referral code?

Proceed to pay

Get 10% Off

After Using My Referral Code

GPSIR

Awesome! You get 10% off

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 817 / mo ~~₹ 21,780~~ ₹ 19,602	
You get 6 months extra for free		Offer expires 15 Jun 2022
12 months Save 54%	₹ 1,123 / mo ~~₹ 14,974~~ ₹ 13,477	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,348 / mo ~~₹ 13,475~~ ₹ 12,128	
6 months Save 25%	₹ 1,838 / mo ~~₹ 12,252~~ ₹ 11,027	
3 months Save 17%	₹ 2,042 / mo ~~₹ 6,807~~ ₹ 6,126	

Proceed to pay

Cauchy's nth root test : Let $\sum u_n$ be a positive terms series and let $\lim_{n\to\infty}(u_n)^{1/n} = l$.

Then the series is

(a) Convergent if $l < 1$
(b) Divergent if $l > 1$
(c) Test fails if $l = 1$

Note : If nth term of series is in the power of n then we can use Cauchy's nth root test.

Q1. Which of the following series is/are convergent?

(a) $\sum_{n=1}^{\infty}\left(\frac{5n+1}{4n+1}\right)^{n}$

(b) $\sum_{n=1}^{\infty}\frac{\sin\frac{1}{n}}{n^{1/n}}$

(c) $\sum_{n=1}^{\infty}\left(1-\frac{1}{n}\right)^{n}$

(d) $\sum_{n=1}^{\infty}\sqrt{n}\left(1-\cos\left(\frac{1}{n}\right)\right)$

Q2. For n ≥ 1, let $a_n = \begin{cases} n2^{-n} & if \quad n\ is\ odd \\ 3^{-n} & if \quad n\ is\ even \end{cases}$. Which of the following statements is/are convergent?

(a) The sequence $\langle a_n \rangle$ is convergent

(b) The sequence $\langle a_n \rangle$ is divergent

(c) The series $\sum_{n=1}^{\infty} a_n$ is convergent

(d) The series $\sum_{n=1}^{\infty} a_n$ is divergent

Cauchy's integral test :

If u(x) is non-negative decreasing integrable function such that u(n) = u_n then $\sum_{n=1}^{\infty} u_n$ is convergent iff the value of $\int_1^{\infty} u(x)dx$ is finite.

Q3 . The convergence for series $\sum_{n=1}^{\infty} \frac{1}{n(\log n)}$. is

(a) Convergent
(b) Divergent
(b) Oscillatory
(d) None of these

Q4 . Which of the following series is divergent?

(a) $\sum_{n=1}^{\infty} \frac{1}{n} \sin^2 \frac{1}{n}$

(b) $\sum_{n=1}^{\infty} \frac{1}{n} \log n$

(c) $\sum_{n=1}^{\infty} \frac{1}{n^2} \sin \frac{1}{n}$

(d) $\sum_{n=1}^{\infty} \frac{1}{n} \tan \frac{1}{n}$

COMPLETE COURSE ON

MATHEMATICS

FOR IIT-JAM 2022

TOPICS TO BE COVERED

- REAL ANALYSIS
- FUNCTION OF ONE & TWO VARIABLE
- LINAER ALGEBRA
- MODERN ALGEBRA

TOPICS TO BE COVERED

- SEQUENCE & SERIES
- INTEGRAL CALCULUS
- VECTOR CALCULUS
- DIFFERENTIAL EQUATION

FEE DETAILS FOR IIT JAM SUBSCRIPTION

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 908 / mo Total ₹ 21,780	
You get 6 months extra for free		Offer expires 15 Jun 2022
12 months Save 54%	₹ 1,248 / mo Total ₹ 14,974	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,497 / mo Total ₹ 13,475	
6 months Save 25%	₹ 2,042 / mo Total ₹ 12,252	
3 months Save 17%	₹ 2,269 / mo Total ₹ 6,807	
1 month	₹ 2,723 / mo Total ₹ 2,723	

To be paid as a one-time payment

Have a referral code?

Proceed to pay

Get 10% Off

After Using My Referral Code

GPSIR

Awesome! You get 10% off

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 817 / mo ~~₹ 21,780~~ ₹ 19,602	
You get 6 months extra for free		Offer expires 15 Jun 2022
12 months Save 54%	₹ 1,123 / mo ~~₹ 14,974~~ ₹ 13,477	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,348 / mo ~~₹ 13,475~~ ₹ 12,128	
6 months Save 25%	₹ 1,838 / mo ~~₹ 12,252~~ ₹ 11,027	
3 months Save 17%	₹ 2,042 / mo ~~₹ 6,807~~ ₹ 6,126	

Proceed to pay

FOUNDATION COURSE OF

MATHEMATICS

FOR CSIR-NET

Cauchy's integral test :

If u(x) is non-negative decreasing integrable function such that u(n) = u_n then $\sum_{n=1}^{\infty} u_n$ is convergent iff the value of $\int_1^{\infty} u(x)dx$ is finite.

Q3 . The convergence for series $\sum_{n=1}^{\infty} \frac{1}{n(\log n)}$. is

(a) Convergent
(b) Divergent
(b) Oscillatory
(d) None of these

Alternating Series : A series whose terms are alternative positive and negative is referred to as an alternating series.

A series of the form $u_1 - u_2 + u_3 - u_4 + ...$ where $u_n > 0$ for all $n \in N$ is an alternating series and is denoted by $\sum_{n=1}^{\infty}(-1)^{n-1}u_n$.

Important Test For Convergence of Alternating Series :

Leibnitz's test : If u_n be a monotone decreasing sequence of positive real numbers and $\lim_{n\to\infty} u_n = 0$ then the alternating series $\sum_{n=1}^{\infty}(-1)^{n+1}u_n$ is convergent.

It is sufficient condition for convergence of alternating series

Q.5. Let $a_n = \frac{1}{n\log n}$, $(n \geq 2)$ then

(a) The sequence $\langle a_n \rangle$ is convergent.

(b) The series $\sum_{n=2}^{\infty} a_n$ is convergent.

(c) The series $\sum_{n=2}^{\infty} a_n^{\,2}$ is convergent.

(d) The series $\sum_{n=2}^{\infty} (-1)^n a_n$ is convergent.

Q.6. Which of the following series is convergent?

(a) $\sum_{n=1}^{\infty} \frac{1}{\sqrt{n+1}-\sqrt{n}}$

(b) $\sum_{n=1}^{\infty} \frac{\sin(n)}{n^2}$

(c) $\sum_{n=1}^{\infty} (-1)^n \log n$

(d) $\sum_{n=1}^{\infty} \frac{\log n}{n}$

Q.7. Which of the following series is/are convergent?

(a) $\sum_{n=1}^{\infty}(-1)^{n-1}\frac{n^2}{(n+1)!}$

(b) $\sum_{n=1}^{\infty}(-1)^{n}\frac{\log n}{n^2}$

(c) $\sum_{n=1}^{\infty}(-1)^{n}\frac{n^2}{\log n}$

(d) None of these

Gajendra Purohit

Legend in CSIR-UGC NET & IIT-JAM

~ Unlock Code : GPSIR ~ PhD, CSIR NET (Maths) | Youtuber(800K+165K Sub.)/Dr.Gajendra Purohit (Maths), 17+ Yr. Experience, Author

50M Watch mins | **3M** Watch mins (last 30 days) | **44K** Followers | **2K** Dedications

- **TOP EDUCATOR ON UNACADEMY FOR CSIR NET & IIT JAM**
- **YouTuber with 800K Subscribers**
- **AUTHOR OF BEST SELLER BOOK FOR CSIR NET & IIT JAM**

Get 10% Off **Referral Code : GP SIR**

unacademy

Detailed Course 2.0 on

Sequence and Series For IIT JAM' 23

October 26
9:00 AM

Gajendra Purohit

Enroll Now

Use code **GPSIR** for 10% off

unacademy

Detailed Course on Group Theory

For CSIR NET 2023

Gajendra Purohit

November 3

Enroll Now

FEE DETAILS FOR IIT JAM SUBSCRIPTION

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 908 / mo Total ₹ 21,780	
You get 6 months extra for free		Offer expires 15 Jun 2022
✓ 12 months Save 54%	₹ 1,248 / mo Total ₹ 14,974	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,497 / mo Total ₹ 13,475	
6 months Save 25%	₹ 2,042 / mo Total ₹ 12,252	
3 months Save 17%	₹ 2,269 / mo Total ₹ 6,807	
1 month	₹ 2,723 / mo Total ₹ 2,723	

To be paid as a one-time payment

Have a referral code?

Proceed to pay

Get 10% Off

After Using My Referral Code

GPSIR

Awesome! You get 10% off

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 817 / mo ~~₹ 21,780~~ ₹ 19,602	
You get 6 months extra for free		Offer expires 15 Jun 2022
✓ 12 months Save 54%	₹ 1,123 / mo ~~₹ 14,974~~ ₹ 13,477	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,348 / mo ~~₹ 13,475~~ ₹ 12,128	
6 months Save 25%	₹ 1,838 / mo ~~₹ 12,252~~ ₹ 11,027	
3 months Save 17%	₹ 2,042 / mo ~~₹ 6,807~~ ₹ 6,126	

Proceed to pay

Cauchy's nth root test : Let $\sum u_n$ be a positive terms series and let $\lim_{n\to\infty}(u_n)^{1/n} = l$.

Then the series is

(a) Convergent if $l < 1$
(b) Divergent if $l > 1$
(c) Test fails if $l = 1$

Note : If nth term of series is in the power of n then we can use Cauchy's nth root test.

Q1. Which of the following series is/are convergent?

(a) $\sum_{n=1}^{\infty}\left(\frac{5n+1}{4n+1}\right)^{n}$

(b) $\sum_{n=1}^{\infty}\frac{\sin\frac{1}{n}}{n^{1/n}}$

(c) $\sum_{n=1}^{\infty}\left(1-\frac{1}{n}\right)^{n}$

(d) $\sum_{n=1}^{\infty}\sqrt{n}\left(1-\cos\left(\frac{1}{n}\right)\right)$

Q2. For n ≥ 1, let $a_n = \begin{cases} n2^{-n} & if \quad n\ is\ odd \\ 3^{-n} & if \quad n\ is\ even \end{cases}$. Which of the following statements is/are convergent?

(a) The sequence $\langle a_n \rangle$ is convergent

(b) The sequence $\langle a_n \rangle$ is divergent

(c) The series $\sum_{n=1}^{\infty} a_n$ is convergent

(d) The series $\sum_{n=1}^{\infty} a_n$ is divergent

Cauchy's integral test :

If u(x) is non-negative decreasing integrable function such that u(n) = u_n then $\sum_{n=1}^{\infty} u_n$ is convergent iff the value of $\int_1^{\infty} u(x)dx$ is finite.

Q3 . The convergence for series $\sum_{n=1}^{\infty} \frac{1}{n(\log n)}$. is

(a) Convergent
(b) Divergent
(b) Oscillatory
(d) None of these

Q4 . Which of the following series is divergent?

(a) $\sum_{n=1}^{\infty} \frac{1}{n} \sin^2 \frac{1}{n}$

(b) $\sum_{n=1}^{\infty} \frac{1}{n} \log n$

(c) $\sum_{n=1}^{\infty} \frac{1}{n^2} \sin \frac{1}{n}$

(d) $\sum_{n=1}^{\infty} \frac{1}{n} \tan \frac{1}{n}$

COMPLETE COURSE ON

MATHEMATICS

FOR IIT-JAM 2022

TOPICS TO BE COVERED

- REAL ANALYSIS
- FUNCTION OF ONE & TWO VARIABLE
- LINAER ALGEBRA
- MODERN ALGEBRA

TOPICS TO BE COVERED

- SEQUENCE & SERIES
- INTEGRAL CALCULUS
- VECTOR CALCULUS
- DIFFERENTIAL EQUATION

FEE DETAILS FOR IIT JAM SUBSCRIPTION

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 908 / mo Total ₹ 21,780	
You get 6 months extra for free		Offer expires 15 Jun 2022
✓ 12 months Save 54%	₹ 1,248 / mo Total ₹ 14,974	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,497 / mo Total ₹ 13,475	
6 months Save 25%	₹ 2,042 / mo Total ₹ 12,252	
3 months Save 17%	₹ 2,269 / mo Total ₹ 6,807	
1 month	₹ 2,723 / mo Total ₹ 2,723	

To be paid as a one-time payment

Have a referral code?

Proceed to pay

Get 10% Off

After Using My Referral Code

GPSIR

Awesome! You get 10% off

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 817 / mo ~~₹ 21,780~~ ₹ 19,602	
You get 6 months extra for free		Offer expires 15 Jun 2022
✓ 12 months Save 54%	₹ 1,123 / mo ~~₹ 14,974~~ ₹ 13,477	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,348 / mo ~~₹ 13,475~~ ₹ 12,128	
6 months Save 25%	₹ 1,838 / mo ~~₹ 12,252~~ ₹ 11,027	
3 months Save 17%	₹ 2,042 / mo ~~₹ 6,807~~ ₹ 6,126	

Proceed to pay

FOUNDATION COURSE OF

MATHEMATICS

FOR CSIR-NET

Cauchy's integral test :

If u(x) is non-negative decreasing integrable function such that u(n) = u_n then $\sum_{n=1}^{\infty} u_n$ is convergent iff the value of $\int_1^{\infty} u(x)dx$ is finite.

Q3 . The convergence for series $\sum_{n=1}^{\infty} \frac{1}{n(\log n)}$. is

(a) Convergent
(b) Divergent
(b) Oscillatory
(d) None of these

Alternating Series : A series whose terms are alternative positive and negative is referred to as an alternating series.

A series of the form $u_1 - u_2 + u_3 - u_4 + ...$ where $u_n > 0$ for all $n \in N$ is an alternating series and is denoted by $\sum_{n=1}^{\infty}(-1)^{n-1}u_n$.

Important Test For Convergence of Alternating Series :

Leibnitz's test : If u_n be a monotone decreasing sequence of positive real numbers and $\lim_{n\to\infty} u_n = 0$ then the alternating series $\sum_{n=1}^{\infty}(-1)^{n+1}u_n$ is convergent.

It is sufficient condition for convergence of alternating series

Q.5. Let $a_n = \frac{1}{n\log n}$, $(n \geq 2)$ then

(a) The sequence $\langle a_n \rangle$ is convergent.

(b) The series $\sum_{n=2}^{\infty} a_n$ is convergent.

(c) The series $\sum_{n=2}^{\infty} a_n^{\,2}$ is convergent.

(d) The series $\sum_{n=2}^{\infty} (-1)^n a_n$ is convergent.

Q.6. Which of the following series is convergent?

(a) $\sum_{n=1}^{\infty} \frac{1}{\sqrt{n+1}-\sqrt{n}}$

(b) $\sum_{n=1}^{\infty} \frac{\sin(n)}{n^2}$

(c) $\sum_{n=1}^{\infty} (-1)^n \log n$

(d) $\sum_{n=1}^{\infty} \frac{\log n}{n}$

Q.7. Which of the following series is/are convergent?

(a) $\sum_{n=1}^{\infty}(-1)^{n-1}\frac{n^2}{(n+1)!}$

(b) $\sum_{n=1}^{\infty}(-1)^{n}\frac{\log n}{n^2}$

(c) $\sum_{n=1}^{\infty}(-1)^{n}\frac{n^2}{\log n}$

(d) None of these

Absolutely convergent series :

Let $\sum u_n$ be a alternating series if $\sum |u_n|$ is convergent, then

$\sum u_n$ is said to be an absolutely convergent series.

Conditionally convergent series :

Let $\sum_{n=1}^{\infty} u_n$ be a alternating series then it is called conditionally convergent series if $\sum_{n=1}^{\infty} u_n$ is convergent series but it is not absolutely convergent series.

Result :

1. Every absolutely convergent series is convergent.

Q1. If $s_n = \frac{(-1)^n}{2^n+3}$ and $t_n = \frac{(-1)^n}{4n-1}$; n = 0 ,1 ,2 ..... then

IIT JAM 2020

(a) $\sum_{n=1}^{\infty} s_n$ is absolutely convergent

(b) $\sum_{n=1}^{\infty} t_n$ is absolutely convergent

(c) $\sum_{n=1}^{\infty} s_n$ is conditionally convergent

(d) $\sum_{n=1}^{\infty} t_n$ is conditionally convergent

Q2. Let $\sum_{n=1}^{\infty} a_n$ and $\sum_{n=1}^{\infty} b_n$ be two series, where

$$a_n = \frac{(-1)^n n}{2^n} \ , \ b_n = \frac{(-1)^n}{\log(n+1)}$$

IIT JAM 2014

(a) Both $\sum_{n=1}^{\infty} a_n$ and $\sum_{n=1}^{\infty} b_n$ are absolutely convergent

(b) Both $\sum_{n=1}^{\infty} a_n$ and $\sum_{n=1}^{\infty} b_n$ are conditionally convergent

(c) $\sum_{n=1}^{\infty} a_n$ is absolutely convergent but $\sum_{n=1}^{\infty} b_n$ is conditionally convergent

(d) $\sum_{n=1}^{\infty} b_n$ is absolutely convergent but $\sum_{n=1}^{\infty} a_n$ is conditionally convergent

Q3. Which of the following series are absolutely convergent?

(a) $\sum_{n=1}^{\infty} \frac{(-1)^n \cos n\alpha}{n\sqrt{n}}; \alpha \in R$

(b) $\sum_{n=1}^{\infty} \frac{(-1)^n \sin n\alpha}{n^3}; \alpha \in R$

(c) $\sum_{n=1}^{\infty} (-1)^n \frac{n}{2^n}$

(d) None of these

Result :If a series is not convergent then it will be neither absolutely nor conditionally convergent.

Q4. Let $u_n = \sin\left(\frac{\pi}{n}\right)$ and consider the series $\sum_{n=1}^{\infty} u_n$. Which of the following is/are false? **TIFR – 2010**

(a) $\sum_{n=1}^{\infty} u_n$ is convergent.

(b) $u_n \to 0$ as $n \to \infty$

(c) $\sum_{n=1}^{\infty} u_n$ is divergent

(d) $\sum_{n=1}^{\infty} (-1)^n u_n$ is absolutely convergent.

Q5. If $\sum_{n=1}^{\infty} a_n$ is absolutely convergent, then which of the following is not true?

(a) $a_n \to 0$ as $n \to \infty$

(b) $\sum_{n=1}^{\infty} a_n \sin n$ is convergent

(c) $\sum_{n=1}^{\infty} e^{a_n}$ is divergent (d) $\sum_{n=1}^{\infty} a_n^{\,2}$ is divergent

Q6 Which of the following is/are conditionally convergent?

(a) $\sum_{n=1}^{\infty} \frac{(-1)^{n+1}}{\sqrt{n}}$ (b) $\sum_{n=1}^{\infty} \frac{(-1)^{n+1}}{n}$

(c) $\sum_{n=1}^{\infty} \frac{(-1)^{n+1}}{n^2}$ (d) None of these

unacademy

Detailed Course 2.0 on

Sequence and Series For IIT JAM' 23

October 26
9:00 AM

Gajendra Purohit

Enroll Now

Use code **GPSIR** for 10% off

unacademy

Detailed Course on Group Theory

For CSIR NET 2023

Gajendra Purohit

November 3

Enroll Now

unacademy CSIR-UGC NET Search Login

Educator Profile

Gajendra Purohit

#5 Educator in CSIR-UGC NET

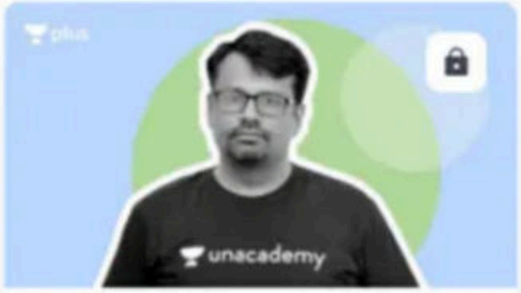
Dr.Gajendra Purohit PhD, CSIR NET (Maths) | Youtuber(330K+30k Sub.)/Dr.Gajendra Purohit (Maths), 17+ Yr. Experience, Author of Bestseller

Follow

11M Watch mins | **1M** Watch mins (last 30 days) | **22k** Followers | **1k** Dedications

CSIR-UGC NET

SEE ALL



HINDI MATHEMATICAL SCIENCES

Course on Linear Algebra, Partial Diff. Equation & Calculus

Starts on Mar 1, 2021 • 24 lessons

Gajendra Purohit

HINDI MATHEMATICAL SCIENCES

Course on Complex Analysis & Integral Equation

Starts on Jan 14, 2021 • 16 lessons

Gajendra Purohit

HINDI MATHEMATICAL SCIENCES

Foundation Course on Mathematics for CSIR 2021

Starts on Dec 7, 2020 • 20 lessons

Gajendra Purohit

Educator highlights

- Works at **Pacific Science College**
- Studied at **M.Sc., NET, PhD(Algebra), MBA(Finance), BEd**
- PhD, NET | Plus Educator For CSIR NET | Youtuber (260K+Subs.) | Director Pacific Science College |
- Lives in **Udaipur, Rajasthan, India**
- Unacademy Educator since

FEE DETAILS FOR IIT JAM SUBSCRIPTION

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 908 / mo Total ₹ 21,780	
You get 6 months extra for free		Offer expires 15 Jun 2022
✓ 12 months Save 54%	₹ 1,248 / mo Total ₹ 14,974	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,497 / mo Total ₹ 13,475	
6 months Save 25%	₹ 2,042 / mo Total ₹ 12,252	
3 months Save 17%	₹ 2,269 / mo Total ₹ 6,807	
1 month	₹ 2,723 / mo Total ₹ 2,723	

To be paid as a one-time payment

Have a referral code?

Proceed to pay

Get 10% Off

After Using My Referral Code

GPSIR

Awesome! You get 10% off

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 817 / mo ~~₹ 21,780~~ ₹ 19,602	
You get 6 months extra for free		Offer expires 15 Jun 2022
✓ 12 months Save 54%	₹ 1,123 / mo ~~₹ 14,974~~ ₹ 13,477	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,348 / mo ~~₹ 13,475~~ ₹ 12,128	
6 months Save 25%	₹ 1,838 / mo ~~₹ 12,252~~ ₹ 11,027	
3 months Save 17%	₹ 2,042 / mo ~~₹ 6,807~~ ₹ 6,126	

Proceed to pay

THANK YOU VERY MUCH EVERYONE

GET THE UNACADEMY PLUS SUBSCRIPTION SOON.

TO GET 10% DISCOUNT IN TOTAL SUBSCRIPTION AMOUNT

USE REFERRAL CODE: GPSIR

unacademy

Detailed Course 2.0 on

Sequence and Series For IIT JAM' 23

October 26
9:00 AM

Gajendra Purohit

Enroll Now

Use code **GPSIR** for 10% off

unacademy

Detailed Course on Group Theory

For CSIR NET 2023

Gajendra Purohit

November 3

Enroll Now

unacademy CSIR-UGC NET Search Login

Educator Profile

Gajendra Purohit

#5 Educator in CSIR-UGC NET

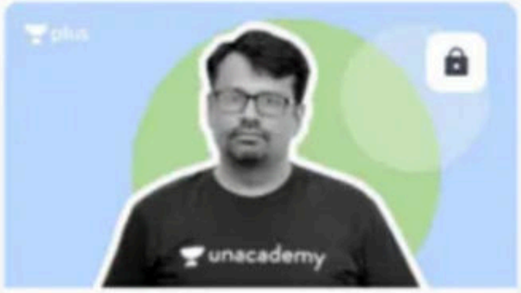
Dr.Gajendra Purohit PhD, CSIR NET (Maths) | Youtuber(330K+30k Sub.)/Dr.Gajendra Purohit (Maths), 17+ Yr. Experience, Author of Bestseller

Follow

11M Watch mins | **1M** Watch mins (last 30 days) | **22k** Followers | **1k** Dedications

CSIR-UGC NET

SEE ALL



HINDI MATHEMATICAL SCIENCES

Course on Linear Algebra, Partial Diff. Equation & Calculus

Starts on Mar 1, 2021 • 24 lessons

Gajendra Purohit

HINDI MATHEMATICAL SCIENCES

Course on Complex Analysis & Integral Equation

Starts on Jan 14, 2021 • 16 lessons

Gajendra Purohit

HINDI MATHEMATICAL SCIENCES

Foundation Course on Mathematics for CSIR 2021

Starts on Dec 7, 2020 • 20 lessons

Gajendra Purohit

Educator highlights

- Works at **Pacific Science College**
- Studied at **M.Sc., NET, PhD(Algebra), MBA(Finance), BEd**
- PhD, NET | Plus Educator For CSIR NET | Youtuber (260K+Subs.) | Director Pacific Science College |
- Lives in **Udaipur, Rajasthan, India**
- Unacademy Educator since

FEE DETAILS FOR IIT JAM SUBSCRIPTION

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 908 / mo Total ₹ 21,780	
You get 6 months extra for free		Offer expires 15 Jun 2022
12 months Save 54%	₹ 1,248 / mo Total ₹ 14,974	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,497 / mo Total ₹ 13,475	
6 months Save 25%	₹ 2,042 / mo Total ₹ 12,252	
3 months Save 17%	₹ 2,269 / mo Total ₹ 6,807	
1 month	₹ 2,723 / mo Total ₹ 2,723	

To be paid as a one-time payment

Have a referral code?

Proceed to pay

Get 10% Off

After Using My Referral Code

GPSIR

Awesome! You get 10% off

No cost EMI available on 6 months & above subscription plans

24 months Save 67%	₹ 817 / mo ~~₹ 21,780~~ ₹ 19,602	
You get 6 months extra for free		Offer expires 15 Jun 2022
12 months Save 54%	₹ 1,123 / mo ~~₹ 14,974~~ ₹ 13,477	
You get 6 months extra for free		Offer expires 15 Jun 2022
9 months Save 45%	₹ 1,348 / mo ~~₹ 13,475~~ ₹ 12,128	
6 months Save 25%	₹ 1,838 / mo ~~₹ 12,252~~ ₹ 11,027	
3 months Save 17%	₹ 2,042 / mo ~~₹ 6,807~~ ₹ 6,126	

Proceed to pay

THANK YOU VERY MUCH EVERYONE

GET THE UNACADEMY PLUS SUBSCRIPTION SOON.

TO GET 10% DISCOUNT IN TOTAL SUBSCRIPTION AMOUNT

USE REFERRAL CODE: GPSIR