



2.3.2 Teachers use ICT enabled tools for effective teaching-learning

Sample of Screenshot of sharing videos and notices using WhatsApp

3:42 PM | 0.0KB/s | 4G+ | 47%

B. Sc. III MATHS 202...
Aboli, Ankita, Arjun, Dhanashri,...

31 January 2023

Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Mathematics
Core Course Practical in Mathematics V (CCPM - V)
Title of Course: Laplace and Fourier Transform
Class: B.Sc. III

Experiment No. 09 Date: _____
Topic Title: Inverse Laplace by partial fractions

1) Find the inverse Laplace transform of $\frac{3p+7}{p^2-2p-3}$.

2) Find the inverse Laplace transform of $\frac{1}{(p-1)(p+2)(p+4)}$.

12:42 pm ✓

Janata Shikshan Sanstha's
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Department of Mathematics
Core Course Practical in Mathematics V (CCPM - V)
Title of Course: Laplace and Fourier Transform
Class: B.Sc. III

Experiment No. 10 Date: _____
Topic Title: Infinite Fourier sine transform and inverse

Q.1. Obtain Fourier sine transform of $F(x) = \frac{1}{x}, 0 < x < \infty$

Q.2. Find inverse Fourier sine transform of $e^{-x}, 0 < x < \infty$

Q.3. Find Fourier sine transform of $\frac{e^{-x}}{x}, 0 < x < \infty$, hence evaluate $\int_0^{\infty} \tan^{-1}\left(\frac{x}{a}\right) \sin x dx$.

Q.4. Find Fourier sine transform of $e^{-x}, 0 < x < \infty$. Hence deduce that $\int_0^{\infty} \frac{x \sin mx}{1+x^2} dx = \frac{\pi}{2} e^{-m}$.

12:42 pm ✓

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Class: B.Sc. III

Experiment No. 11 Date: _____
Topic Title: Infinite Fourier cosine transform and inverse

Q.1. Obtain Fourier cosine transform of $F(x) = e^{-2x} + 4e^{-3x}, 0 < x < \infty$

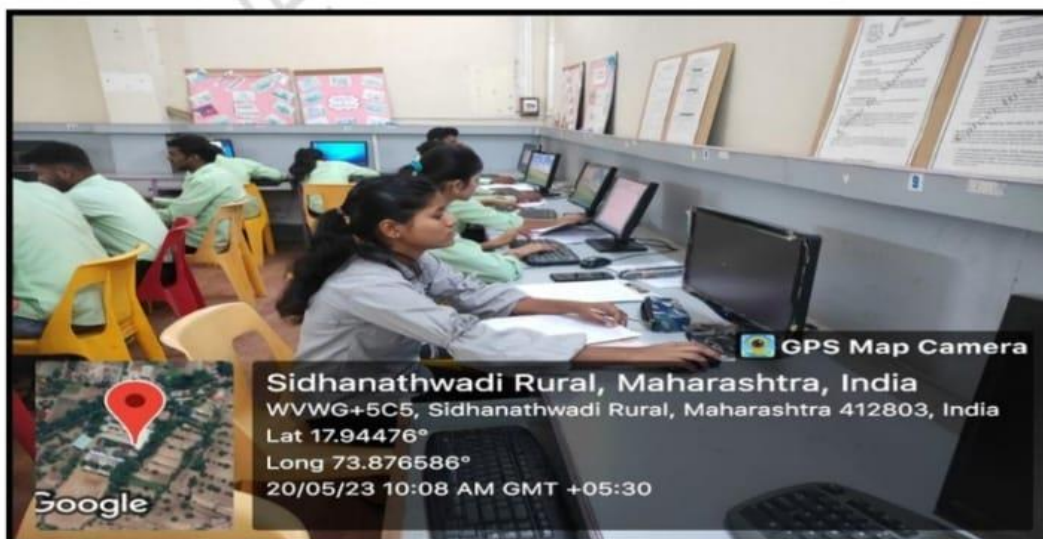
Q.2. Obtain $F(x)$, if its cosine transform is $e^{-x}, 0 < x < \infty$

Message





11. Geotagged Photo





ICT Library Resources

KINDLE Library

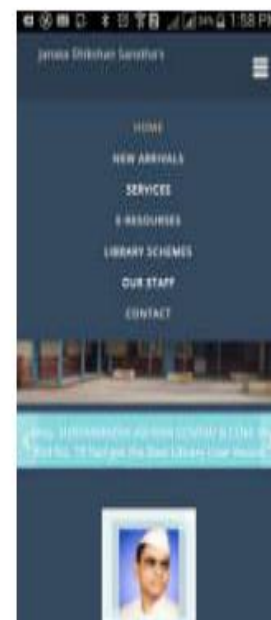




Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai



Library App: KVM Library App Screenshot





**Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai,
Dist- Satara.
Library @ Glance 2022-23**

- I] Total Area of the Library : - 4199.00 Sq.Ft.
II] Library Collection:- Upto 31/03/2023

Sr.No.	Particulars	No. of Books
01	Senior College	62525
02	UGC Project Books	1283
03	Book Bank Books	739
04	BCA	383
05	Donated Books	7677
06	Msc Books	299
	Total	72906
06	Junior College	8404
	Grand Total	81310

- III] Total No. of E-Books (Kindle Edition) :- 140
IV] Total Cost of E-Books :- 24373.00
V] Total Unique Titles :- 41222
[TB-34532 &Ref. 44374]
VI] Library Journals & Periodicals :- 77
VII] Total Subscription :- 48482
VIII] Total No. of Bound Volumes :- 3583
IX] Total No. of Newspaper :- 16
X] No. of CD's and A/V Aids :- 178
XI] No. of Library Staff :- 09
XII] Library Users :- 5900
XIII] Applied Classification Scheme :- DDC 16 th Ed.
XII] Library Timing :- 8.00 A.M. to 5.40 P.M.



Sample of ICT Used by Faculty





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