



Khalsa College of Engineering & Technology

ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ

{Approved by AICTE, New Delhi & Affiliated to IKG Punjab Technical University, Jalandhar(Govt. of Punjab)}

Accredited by NAAC Grade "A"



SUPPORTING DOCUMENT FOR Criteria 2.3.2.

Teachers use ICT enabled tools for effective teaching-learning process.



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IQAC Coordinator

Director



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IIT Roorkee

Indian Institute of Technology Roorkee
Department of Electrical Engineering
Roorkee -247667, (UTTARAKHAND), INDIA

प्रो. आर. एस. आनंद
Prof. R.S. Anand

Dated: March 27, 2023

The Director
Khalsa College of Engineering & Technology
C Block, Ranjit Avenue, Amritsar
Punjab - 143001

Sub: Virtual Labs Nodal Centre

It gives me immense pleasure to inform you that your Institute is approved as a nodal center till 31st December 2023. As per your EOI form, Er. Maneet Kaur Bohmrah will act as the Nodal Coordinator from your college. This approval is valid subject to the following terms and conditions and any subsequent directives as issued by MOE from time to time:

01. Approved status of AICTE/STEB/UGC is mandatory for your college.
02. The necessary infrastructure (dedicated space having personal computers with 1Mbps broadband internet connectivity) to be maintained at your own cost for Virtual Labs.
03. Nodal centers will get operational, technical and limited financial support as given below.
04. Nodal Coordinator will get an honorarium of Rs.5000/- at the end of semester after submission of usage report of Virtual labs from the Institute, duly signed by the Director/Principal of the Institute.
05. Each Nodal Centers will organize at least one workshop per semester as an outreach activity of Virtual Labs.
06. Students are not to be charged any extra fee for providing Virtual Labs facility for their usage.
07. Nodal Coordinator should attend the meeting held at IIT Roorkee as per schedule when invited.
08. A semester-wise report of Virtual labs usages and feedback by the faculty members and students should be submitted by the nodal coordinator.
09. Strict adherence to the standard lab procedures and cyber security laws need to be followed while performing the Virtual Lab Experiments.
10. Any violation of the above will result in automatic cancellation of Nodal Centre status of your Institute/College without giving any notice.

Kindly acknowledge the receipt of this letter and the acceptance of the terms & conditions mentioned above.

We thank you again for your interest in the Virtual Labs project and appreciate your endeavor in the service of the student community.

Wish you all the best!

(Dr. R.S. Anand)
Principal Institute Coordinator
Virtual Labs, IIT Roorkee

Porter Governor

VARIABLES

n(rpm) 130

mass(kg) 5

Height(mm) 264.933

CONTROLS

Show Graph

Go to Experiment

$$N^2 \propto \frac{1}{h}$$

n(rpm)

height(mm)

VARIABLES

n(rpm) 130

mass(kg) 5

Height(mm) 264.933

CONTROLS

Show Graph

Go to Experiment

s stands for sleeve; change rpm to see the change in height

31/11/22

AICTE Parakh Portal: An initiative for Students learning assessment utilized by the institution

The screenshot displays the AICTE Parakh Portal interface. The browser address bar shows the URL: <https://parakh.aicte-india.org/institute/preview-and-submit>. The user is signed in as 'AICTE - SLA'. The page header includes the AICTE logo, 'Student Learning Assessment', and the 'parakh' logo. Navigation options include 'Reset Password', 'Grievances', and 'Logout'.

The main content area displays 'Institute Details' for the following institution:

Institute Details			
Institute PID:	1-4274953	Institute Name:	KHALSA COLLEGE OF ENGINEERING & TECHNOLOGY, AMRITSAR
Institute Address:	RANJIT AVENUE, BLOCK-C, AMRITSAR, PUNJAB-143001, AMRITSAR, Punjab, 143001		
Institute NBA Accredited:	No	Total Number of Accredited Course:	0
Autonomous Status:	No	Institute Type:	Private-Self Financing
Institute NIRF Rank:	Not Applicable	Women Institute:	No
Programmes Offered:	Engineering And Technology,management	Total Admission:	0
Year of Establishment:	2009		

The left sidebar contains navigation options: Institute Details (selected), Basic Details, Head of Institute, Nodal Officer, Assistant Coordinator, Examination Details, Preview & Submit, and Courses. The user's email address, kcetamritsar@gmail.com, is displayed above the sidebar.

The Windows taskbar at the bottom shows the system time as 12:10 PM on 10/31/2022.

Class room Lectures/Labs using ICT



Extensive use of ICT resources by students in Labs



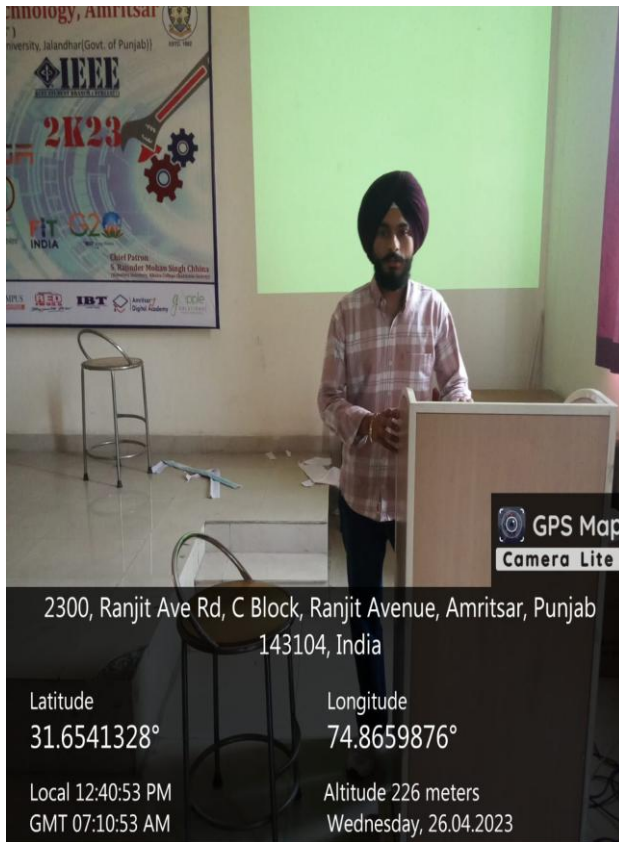
Students using multimedia tools in communication lab



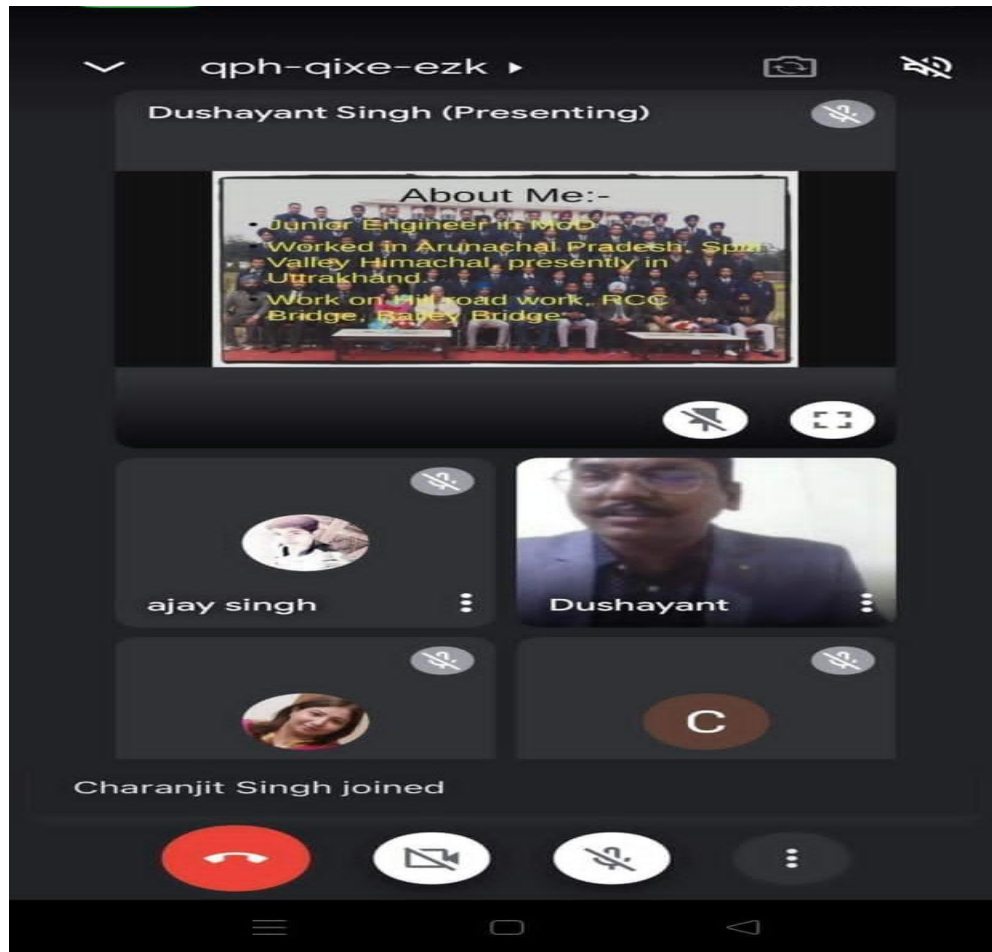
E Certificates of online courses



ICT Tools: Seminars/Expert talks/Guest lectures







Short Term Course on Free ICT Tools for Teaching-Learning and Research in association with National Institute of Teachers Training and Research (NITTTR), Chandigarh



Links of E resources created by faculty

<https://www.youtube.com/watch?v=1Y2DdKnPlmU&feature=youtu.be>

https://www.youtube.com/watch?v=nS0WW_Hay_k

<https://www.youtube.com/watch?v=1Y2DdKnPlmU&t=80s>

<https://www.youtube.com/watch?v=8vwRvEkHZYM>

<https://www.youtube.com/watch?v=Bw8tJO4uanQ>

<https://www.youtube.com/watch?v=GQm11ypiB5I>

<https://www.youtube.com/watch?v=yPcFeY4kmXA>

<https://www.youtube.com/watch?v=csDxVUxmt5I>

<https://www.youtube.com/watch?v=PzmDFe4ppSg>

<https://www.youtube.com/watch?v=0Rx1WPINwec>

<https://www.youtube.com/watch?v=1Uv6XMqOyHA>

<https://www.youtube.com/watch?v=1Uv6XMqOyHA>

https://www.youtube.com/watch?v=w6qPZd_KonA

<https://www.youtube.com/watch?v=vvc57mwpvYQ>

<https://www.youtube.com/watch?v=vzZEmoXowns>

https://www.youtube.com/watch?v=rF_pJDLrsnE

<https://www.youtube.com/watch?v=OtHObLndnAI>

<https://www.youtube.com/watch?v=HytCu3xKMKE>

<https://www.youtube.com/watch?v=K8AoLOtpgyk>

<https://www.youtube.com/watch?v=a7Uy3D8wtvg>

<https://www.youtube.com/watch?v=R2NkYUUTXZ8>

E resources utilized by faculty:

ICT Tools and Resources Available	https://nptel.ac.in/courses/104101090/ , www.ibchem.com .Projector, Microsoft office Powerpoint ,E books, E blogs, You tube lectures
E resources utilised	language software Snetclass,website of BBC and Cambridge ,IEEE,PTU,E-Library ,PPt's, Neptel,
	https://nptel.ac.in/courses/122104017/ , http://tutorial.math.lamar.edu/Classes/DE/IntroFirstOrder.aspx https://nptel.ac.in/courses/111103021/ , https://nptel.ac.in/courses/106106094/ ,Projector,E books, E blogs, You tube lectures
	https://nptel.ac.in/courses/115/102/115102026/ , https://nptel.ac.in/courses/105/106/105106116/ , https://nptel.ac.in/courses/115/102/115102025/ , https://nptel.ac.in/courses/115/101/115101005/
	https://nptel.ac.in/courses/111/105/111105134/ , Microsoft Excel .E books, You tube lectures