



Criterion II

Teaching-Learning and Evaluation

2.3.1

Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Experiential Learning



Understanding of oscillations

Video for understanding oscillations



VID20230207122321
.mp4




Field visit to agriculture Department




Field visit to agriculture Department




प्राचार्य
कला, वाणिज्य व विज्ञान महाविद्यालय
यावल, ता. यावल, जि. जळगाव




प्राचार्य
कला, वाणिज्य व विज्ञान महाविद्यालय
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Field visit to police station

घडली. या प्रकरणी एकाविरुद्ध गुन्हा दाखल करण्यात आला आहे. केमिस्ट्रीचा पेपर देऊन येते, असे सांगून १७ वर्षीय अल्पवयीन मुलगी कॉलेजला गेली होती. परंतु ती घरी

त्यानंतर संशयित योगेश कैलास केदार, रा.लोणी बुद्रुक, ता.पारोळा याने माझ्या अल्पवयीन बहिणीस पळवून नेल्याची फिर्याद दिली. त्यानुसार गुन्हा दाखल झाला.

उधना (गुजरात) येथील सासर व तालुक्यातील खेडी ढोक येथील माहेर असलेल्या एका २२ वर्षीय विवाहितेचा दोन लाखांसाठी शारीरिक व मानसिक छळ केल्याप्रकरणी तीन जणांविरुद्ध गुन्हा

का, सन डिसेंबर २०१८ मध्ये मदनपुरा लिंबायत, उधना (गुजरात) येथे विकी राजेंद्र राजपूत याच्याशी विवाह झाला. घरात पती, सासू शोभा राजेंद्र राजपूत, दीर महेंद्र राजेंद्र राजपूत, देरानी प्रियंका महेंद्र

यावल महाविद्यालयाच्या विद्यार्थ्यांना उद्योगाचे धडे

प्रतिनिधी | यावल

केरील कला, वाणिज्य व विज्ञान महाविद्यालयाच्या विद्यार्थ्यांसाठी एक टिक्मोय औद्योगिक सहलीचे मुक्ततेचा आयोजन करण्यात आले होते. त्या अंतर्गत जवळपास केरील मुल्यी जेली स्ट्रीट आणि प्रदीप गुरु उद्योग या कंपन्यांमध्ये जायून विद्यार्थ्यांनी उद्योगाचे धडे मिळाले.

उद्योगाची उभारणी किंवा उद्योग सुरुवातीला मुक्त करावे, त्यासाठी काय आणि किती मोठ्यात करावे, उद्योग सुरुवातीला काय प्रयत्न करावे लागतात, त्यासाठी कोसे निवेदन करावेत, अदी माहिती विद्यार्थ्यांनी उद्योगाकडून जायून घेतली. हा



औद्योगिक सहलीअंतर्गत कंपनीत जाऊन माहिती घेणारे यावल महाविद्यालयाचे विद्यार्थी व प्राध्यापकवृंद.

उद्योग महाविद्यालयाच्या प्राचार्य डॉ.सविता सोनवणे यांच्या मार्गदर्शनाखाली राबवण्यात आला. या प्रयत्नी महाविद्यालयाचे प्रा.प्र.टी. खैरनर, प्रा.संजीव

कादम, विद्यार्थी तेजस बहुगुजर, दीपक कोळी, अनिकेत पवार आदींचा सहभाग होता. विद्यार्थ्यांनी महाविद्यालयातील विज्ञान विभागातर्फे काढण्यात आलेल्या या

औद्योगिक विश्वाची ओळख करून देणाऱ्या सहलीमध्ये डिप्रीने सहभाग नोंदवला. यामुळे त्यांच्यात उद्योग उभारणीविषयी प्रेरणा निर्माण होईल, अशी अपेक्षा आहे.



Industrial visit of Chemistry department



Study tour of History Dept.



S. Y. B.Sc. Student Seminar

Use of ICT

E-Contents

Power Point presentation

Sr. No.	Name of the Teacher	Class	Subject	Contents /Information	View
01	Dr. H.G. Bhangale	F.Y. B.Sc.	Physics	Bridge Course	 FY Bridge course.pptx
02	Dr. H.G. Bhangale	F.Y. B.Sc.	Physics Basic Mechanics	Vectors: Scalar, vector, composition of vectors	 F.Y.B.Sc. Paper I Basic Mechanics L1.pptx
03	Dr. H.G. Bhangale	F.Y. B.Sc.	Physics Basic Mechanics	Scalar triple, vector triple product, Differentiation of vector	 F.Y.B.Sc. Physics I Lecture 2.pptx
03	Dr. H.G. Bhangale	F.Y. B.Sc.	Dynamics	Gravitation	 FyDynamics L2.pptx
04	Dr. H.G. Bhangale	S.Y. B.Sc.	Thermodynamics and Kinetic Theory of Gases	Basics of Thermodynamics and its first law	 SY Lect 1.pptx
05	Dr. H.G. Bhangale	S.Y. B.Sc.	Electronics	Semiconductor	 PresentationElectronics.pptx
06	Dr. H.G. Bhangale	F.Y. B.Sc.	Electricity and Electrostatics	Electrostatics	 ELECTROSTATICS.pptx
07	Dr. H.G. Bhangale	F.Y. B.Sc.	Electricity and Electrostatics	Capacitance	 Capacitance and Dielectrics.pptx
08	Dr. H.G. Bhangale	F.Y. B.Sc.	Dielectrics, Magnetism and Electromagnetism	Magnetism	 Magnetism.pptx
09	Dr. H.G. Bhangale	F.Y. B.Sc.	Dielectrics, Magnetism and Electromagnetism	Magnetic Induction	 Magnetic Induction due to a long straight wire.pptx

Sr. No.	Name of the Teacher	Class	Subject	Contents /Information	View
10	Dr. H.G. Bhangale	S.Y. B.Sc.	Waves and Oscillations	Composition of S.H.M.s	 Composition of Two S.pptx
11	Dr. H.G. Bhangale	S.Y. B.Sc.	Optics and Lasers	Geometrical Optics	 SYSEMII Lect1.pptx
12	Mr. M.D. Khairnar	T.Y. B.Sc.	Inorganic Chemistry	Structre & Reactivity	
13	Mr. M.D. Khairnar	T.Y. B.Sc.	Inorganic Chemistry	Valence Bond Theory	
14	Mr. M.D. Khairnar	T.Y. B.Sc.	Inorganic Chemistry	Crystal Field Theory	
15	Mr. M.D. Khairnar	S.Y. B.Sc.	Physical Chemistry	Chemical Thermodynamics	
16	Mr. M.D. Khairnar	S.Y. B.Sc.	Physical Chemistry	Conductor, Insulator and Semiconductor	
17	Mr. M.D. Khairnar	S.Y. B.Sc.	Physical Chemistry	Electrochemistry	
18	Dr.R.D.Pawar	F.Y.B.Sc	Physical and inorganic chemistry	Electolytic Conductace	
19	Dr.R.D.Pawar	S.Y.B.Sc	Analytical Chemistry	Introduction to analytical chem.	
20	Dr.R.D.Pawar	T.Y.B.Sc	Organic Chemistry	Spectrometry	
21	Dr.R.D.Pawar	T.Y.B.Sc	Analytical Chemistry	HPLC Technique	
22	Dr.R.D.Pawar	T.Y.B.Sc	Analytical Chemistry	Solvent Extraction	
23	Dr. P. V. Pawara	S.Y. B.A.	Hindi	Kavyaratnawali	 Dr. Pralhad Vijaysing Pawara SYI
24	Dr. P. V. Pawara	S.Y. B.A.	Hindi	Bhasha Ki Pari-Bhasha	 Dr. Pralhad Vijaysing Pawara TYI
25	Mr. M. M. Sonawane	S. Y. B.Sc.	Zoology	Nerve and Muscles	 Ch – 1 NERVE AND MUSCLES.pptx
26	Mr. M. M. Sonawane	S. Y. B.Sc.	Zoology	Carbohydrate	 carbohydrate cLASSIFICATION.ppt

Video lectures shared to YouTube

Sr. No.	Class	Topic	Date	Link
01	S. Y. B.Sc.	Interference	22/04/2023	https://youtu.be/ksERVlJaB5w?si=EnKLKqjrk_Tve1fR
02	S. Y. B.Sc.	Lens	7/03/2023	https://youtu.be/BYCib-cHtK0?si=VedsDnGZDdUDbJse
03	FY	Rotational Motion	9/01/2022	https://youtu.be/St2pGzgUHHU?t=59
04	SY	Digital	28/12/2021	https://youtu.be/diYPcnwKCaw
05	SY	SY Digital L2	21/12/2021	https://youtu.be/UcFqEvaE-Pc
06	FY	Newton's third Inertial and noninertial frame of reference	11/12//21	https://youtu.be/3P77joakzLo
07	FY	vector triple product	20/11/21	https://youtu.be/8h6OqTgNpds
08	FY	Bridge Course 4 Least count	22/10/21	https://youtu.be/u2MRV_IJIA0
09	FY	Bridge Course L3 Fundamental , derived, scalar ,vector quantities ,Addition of vectors	22/10/21	https://youtu.be/FAI_WRPAGfs
10	FY	Bridge course2	16/10/21	https://youtu.be/cRYJXbB3bjk
11	SY	Basic of thermodynamics	14/10/21	https://youtu.be/cZAJZ_xBkJo
12		Bridge course L1 Mechanics	12/10/21	https://youtu.be/6nRLGSTqJ_c
13	SY	CompL5 Composition of SHMs	18/6/21	https://youtu.be/MDh8uQE0cSQ
14		Compshml4 Particular cases	9/6/21	https://youtu.be/4kksaYUVFSM
15	SY	CompL3Utube Two shms of equal frequencies	8/6/21	https://youtu.be/OMHtqI6EFGE
16	SY	COmpSHML2 UTUB SHM Two shms alon same line	3/6/21	https://youtu.be/zBhiHktyY5I
17	FY	Electromagnetic InductionL327MayDemo Laws of em	27/5/21	https://youtu.be/tYKSL8c-YIE
18	FY	Electromagnetic L1 24May Oerstead,coilcoil expt	25/5/21	https://youtu.be/pyBYjYnuI2c
17		InterL615may	15/5/21	https://youtu.be/9I99gYw8ELQ

		Interference, thin films Parallel sided		
18	SY	PracticalP1 1 Study of acoustic resonance	13/5/21	https://youtu.be/vG7R5KFxPRE
19	FY	MagnetismL5 Mag, induction due to circular coil,solenoid FY	4/5/21	https://youtu.be/Yyx6SwV9yCk
20	FY	CapacitanceL2Ut74 Capacity of spherical conductor, cap. Of parallel plate cap.	25/4/21	https://youtu.be/uv-JtuU6PHA
21	FY	Capacitance L1 Capacitance and dielectric, capacity	6/4/21	https://youtu.be/ahSobpTsv64
22	SY	Chromatic aberration	5/4/21	https://youtu.be/qJs3lz_0K1U
23	SY	Eq.lens, Aberration	1/4/21	https://youtu.be/mlWo1Qxnng4
24	SY	Geometrical optics Sign convention,Lens	23/3/21	https://youtu.be/shnwg_reJks
25	SY	+logic and – logic, gates	10/01/21	https://youtu.be/3-Kxo30iqw8
26	SY	DC load line, Digital electronics	29/12/20	https://youtu.be/DDLLWapD70M
27	SY	Logic gates	6 Jan 21	https://youtu.be/YJqQX8Qhvss
28	FY	Vector scalar and vector quantities	25/12/20	https://youtu.be/qU8VOOJjn_s
29	SY	ELECTRONICS L2	22/10/20	https://youtu.be/Dq-ovEbhwc
30		Paper1 lecture1 Basic of thermodynamics	18/9/20	https://youtu.be/bpuUpkwwQUw
31		Electronics Lecture 1	13/9/2020	https://youtu.be/CR4rzdcw5CA
32		CarnotengL1	29/12/21	https://youtu.be/zMadFkIF7aU

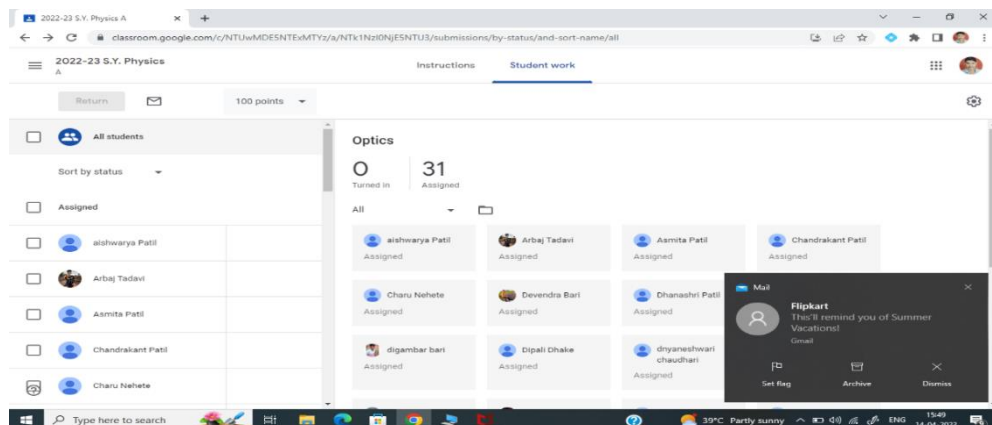
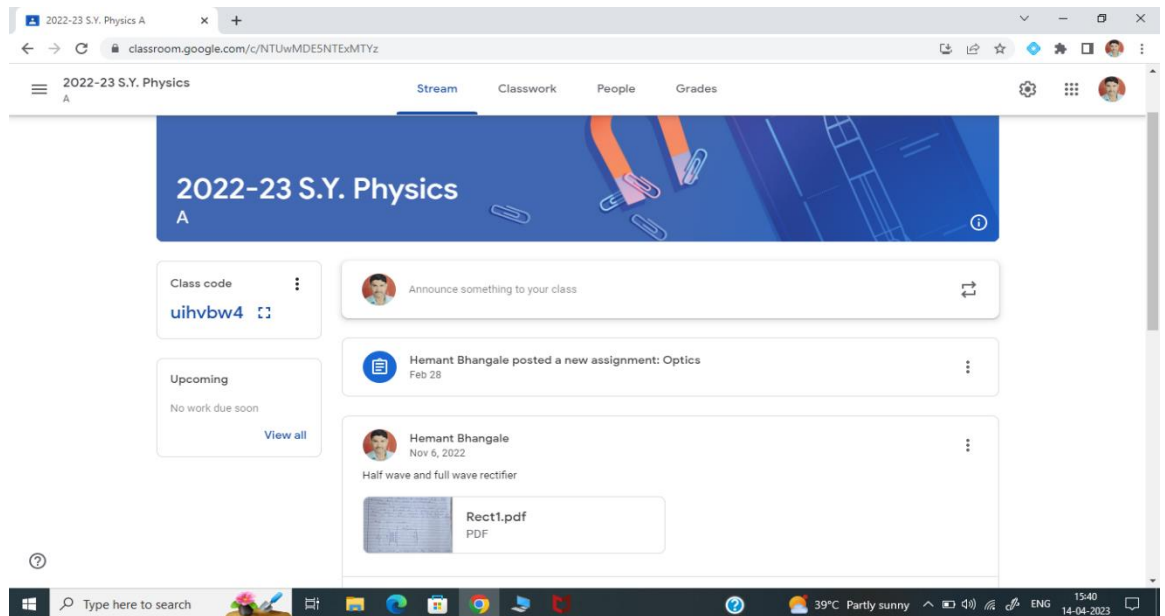
Google Class

Science Faculty

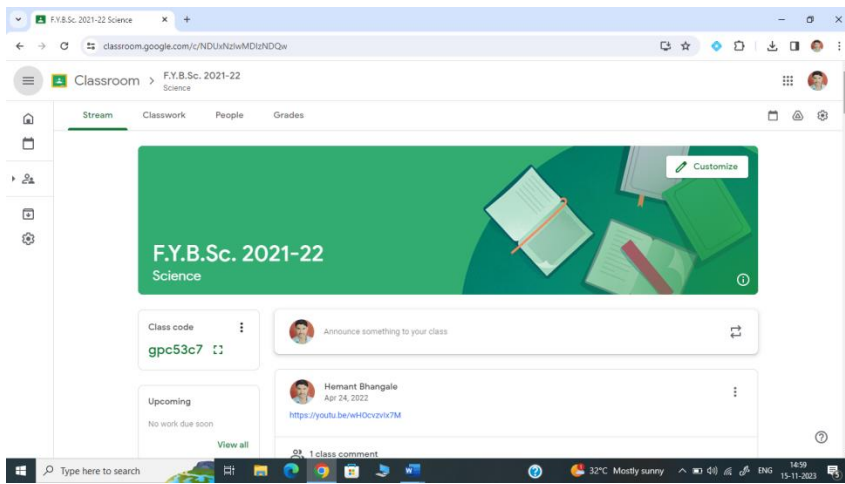
Department of Physics

S. Y. B.Sc. Class Code **uihvbw4**

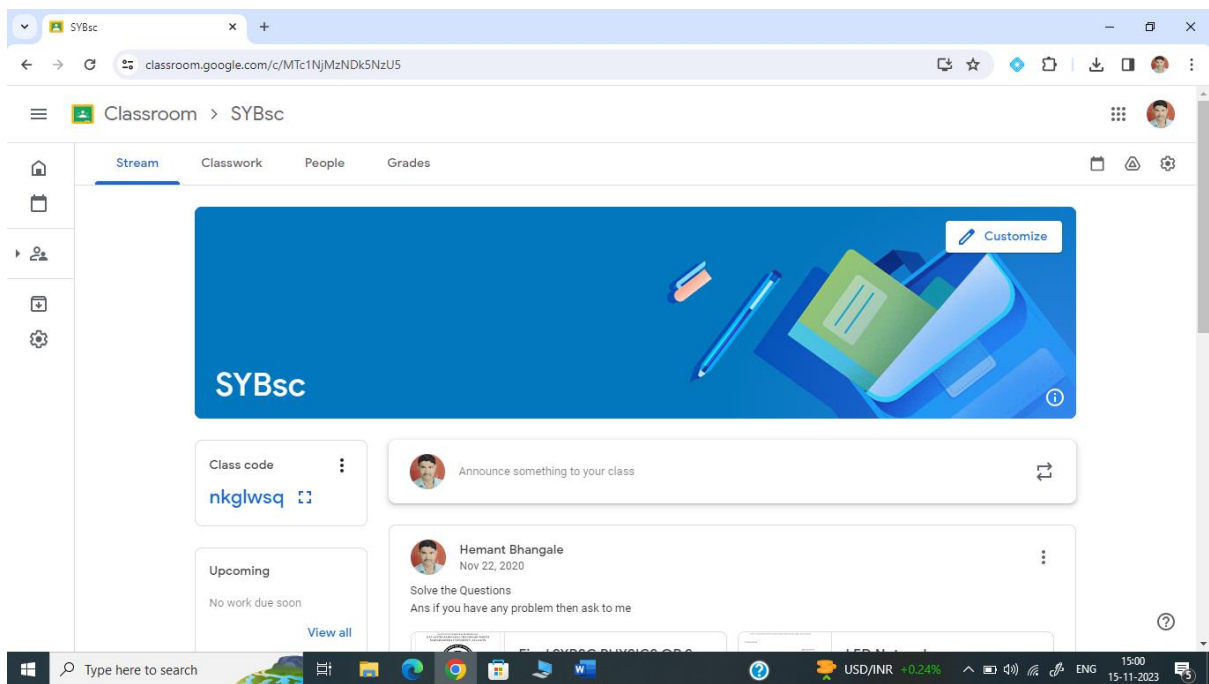
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2021-2022



S. Y. B.Sc. 2020-21

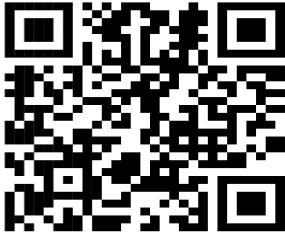
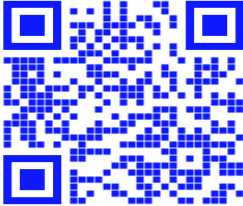
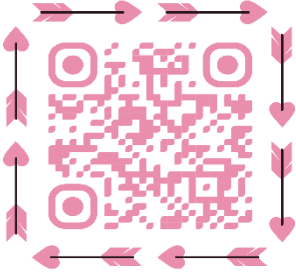



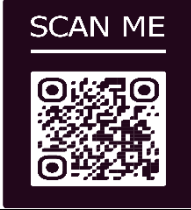
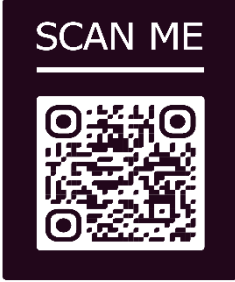
QR code for You Tube lectures

Name of the teacher: Dr. H. G. Bhangale

Class: T. Y. B.Sc. Semester:

Subject: Physics

Course: Electronics	
	Topic: Semiconductor
Course: Thermodynamics and Kinetic theory of gases	
	Topic: Basics of Thermodynamics and its First Law
Course: Basic mechanics	
	Topic: Vectors
Course : Waves and Oscillations	
	Topic: Composition of S.H.M.s
Course: Optics and Lasers	

	<p>Topic: Geometrical optics</p>
<p>Course: Dielectrics, Magnetism and Electromagnetism</p>	
	<p>Topic: Electromagnetic Induction</p>

ICT enabled Lectures

1. Department of Physics



Faizpur Road, Dist Jalgaon, 5PC5+8WP, Bhaskar Nagar, Yawal, Maharashtra 425301, India

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Longitude	75.709762	75°42'35" E

2023-03-11(Sat) 11:34(am)



Faizpur Road, Dist Jalgaon, 5PC5+8WP, Bhaskar Nagar, Yawal, Maharashtra 425301, India

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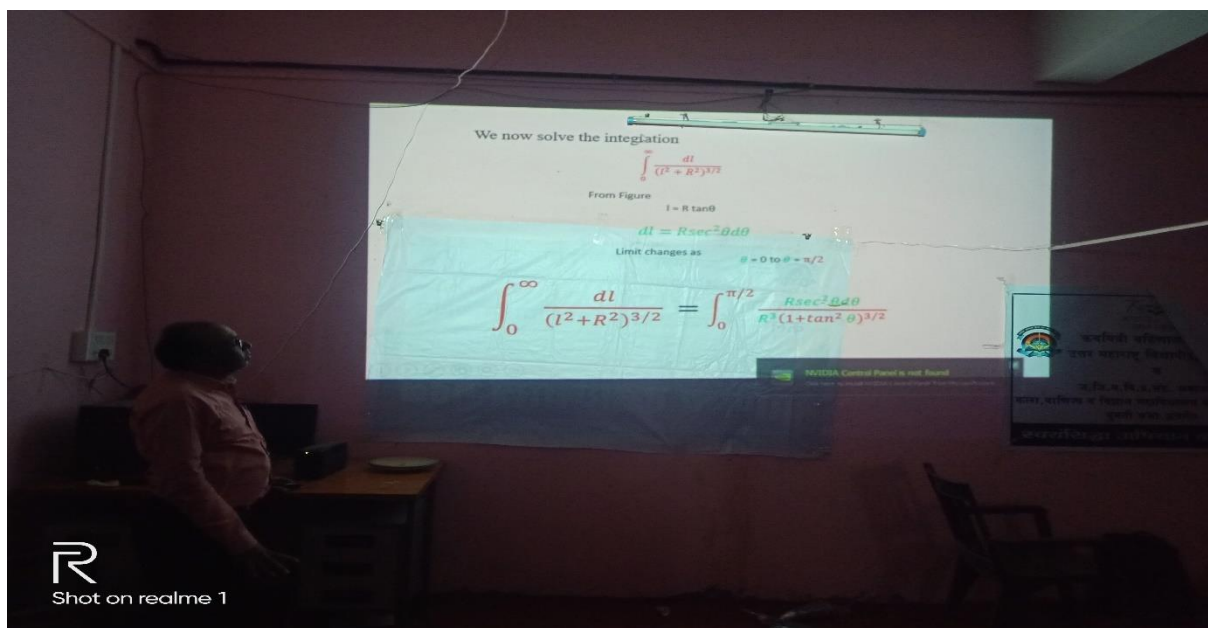
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2. Department of Chemistry



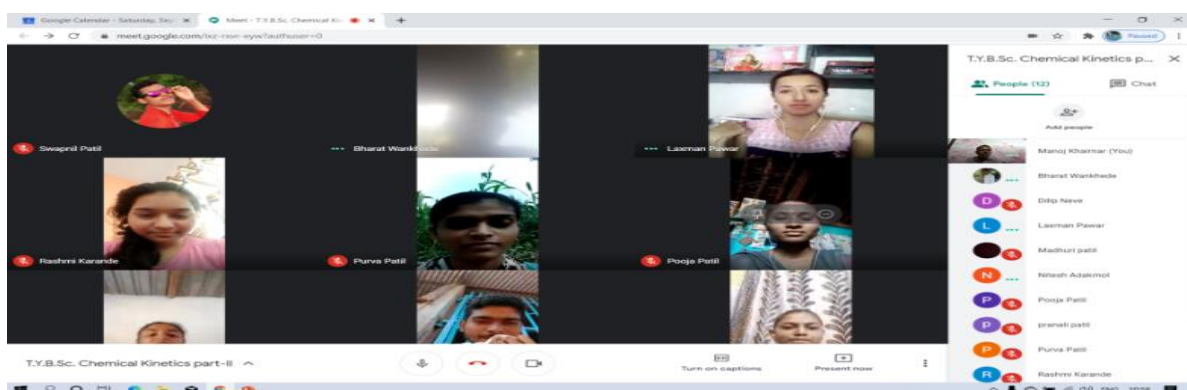
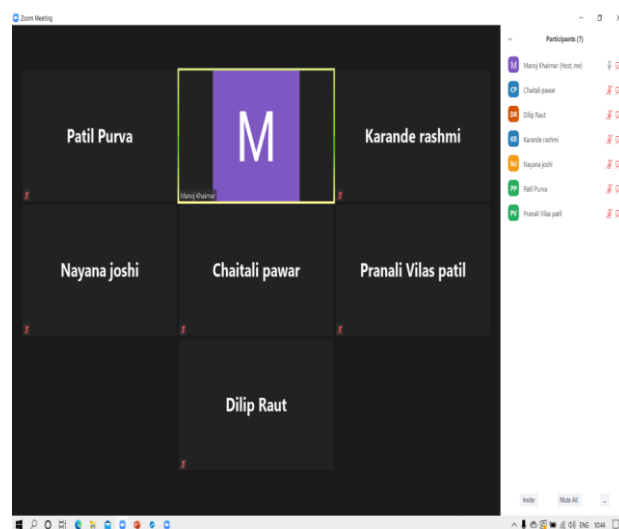
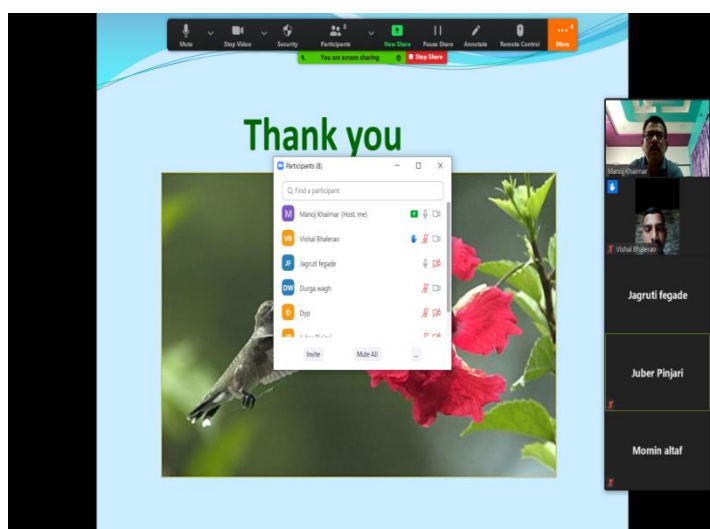
3. Department of mathematics

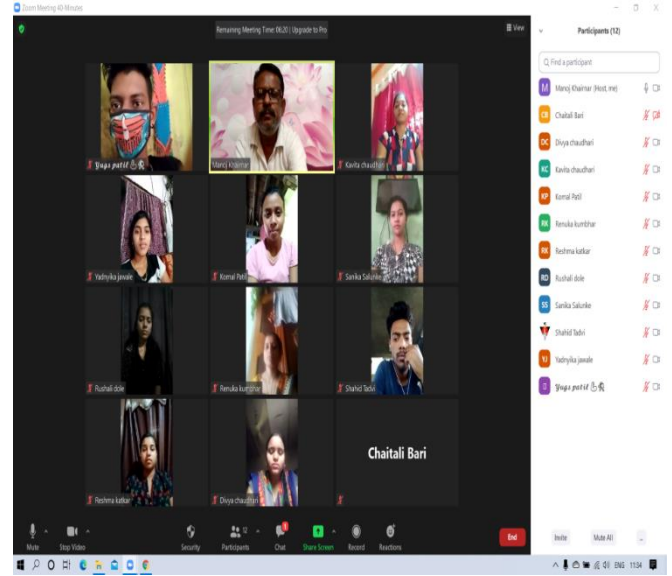
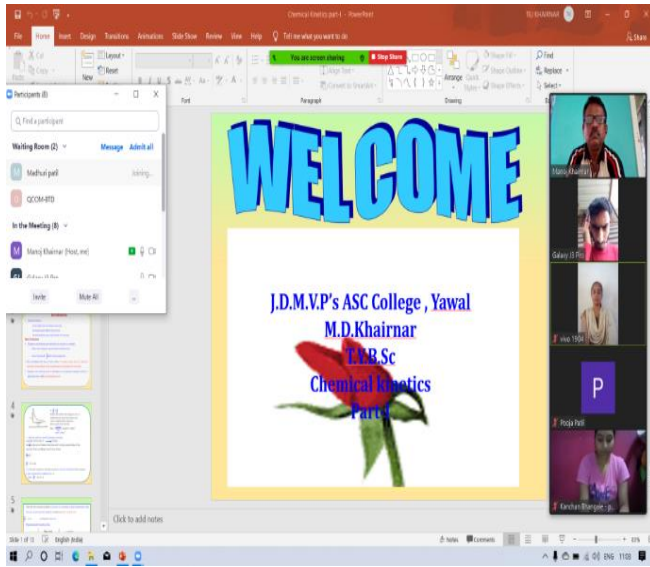


4. Department of Chemistry

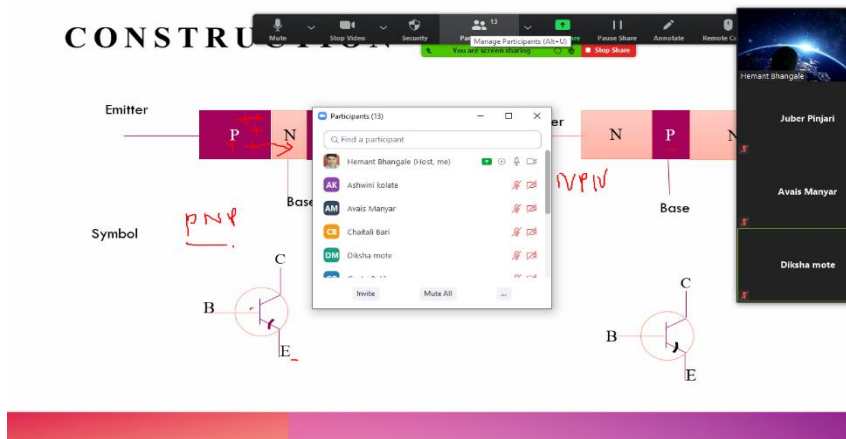


Dept. Of Chemistry M.D.K.(Online Lectures)





Department of Physics online lectures



Parallel plate capacitor complex

