



“IGNITOR”



DEPARTMENT OF MECHANICAL ENGINEERING

GOVERNMENT POLYTECHNIC DAHOD, DAHOD, GUJARAT, INDIA

VOLUME III, ISSUE I (JULY 2021 TO JUNE 2022) ISSUE: AUGUST 2022



**SHRI
J.C.PATHAK**

IDEA OF GETTING STARTED

The purpose of a newsletter is to provide specialized information to a target audience about the achievement and events organized by the department it also introduces achievement and activity of our faculty member and students you may also be interested in reading this newsletter which includes some latest articles in mechanical engineering and innovations.

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Message from Head of Department

I have great pleasure and pride to announce that the department of mechanical engineering, is publishing newsletter. This newsletter will help to share the news, events and achievement of department. I would like to congrats all members for their sincere effort. I sincerely wish that this new publication turns out to be resounding. This edition of news letter is inspired by the theme of “Azadi Ka Amrit Mahotsav”

VISION

To produce technically sound, employable, entrepreneurial and ethical technocrats in Mechanical Engineering to cater the ever changing Industrial and social needs.

MISSION

1. To impart quality education to students and infusing core values in them through optimal utilization of Institute’s resources to enhance their employability.
2. To inspire students for lifelong learning and mentor them to choose better career opportunities.
3. To strive for becoming a center enabling to face changing and challenging Industrial and social needs.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

1. To furnish the Diploma holder with technical skills, strength in knowledge and an ability to work with engineering systems.
2. To engage in continued learning through Graduation and professional development in engineering fields.
3. To equip Diploma holder with soft skills, team work, honesty and ethical values to make them employable.

PROGRAM SPECIFIC OUTCOMES (PSOS)

1. Draft and design mechanical engineering components using tools and techniques.
2. Produce and test engineering components using the acquired knowledge of Mechanical Engineering.
3. Able to acquire technical and managerial skill to make them employable in various sectors of Mechanical engineering such as thermal, design and manufacturing.

KNOW YOUR FACULTY



Shri.J.C.Pathak



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PhD. Mechanical (LME)



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Mr.V.S.Ninama
B.E. (Mech-Instructor)



Mr.H.M.Damor
Diploma
(Mech-Instructor)

)

CO-CURRICULAR ACTIVITIES

Sr	Activities	Related Subject	Date	Resource person/ Industry	Participants
1	Industrial Visit at Wanakbori Thermal Power Satation, Kheda District,Guj.	Thermal Engineering-I (SEM-4)	21/04/2022	Wanakbori Thermal Power Satation	24
2	Expert lecture on application of Industrial hydraulics and pneumatics in industry 4.0	FMHM(SEM-3)	31-07-2021	Prof. Keyur K. Surti Assistant Professor, Dept. of Automobile Engg. Prof Keyur C. Patel Assistant Professor, Dept. of Mechanical Engg. Maya Tarsadia Industrial automation R&D Centre Bardoli	57
3	Expert lecture on engine emission and its control	T.E-II(SEM-5)	29-09-2021	Mr Kiran K Bhabhor Assistant Professor GEC Dahod	56
4	Expert lecture on thermodynamic cycle for steam power plant ran-kine cycle	THERMODYNAMICS (SEM-3)	13-12-2021	Dr. D B Jani Associate Professor GEC Dahod	17
5	Expert lecture on concept of high pressure boilers	T.E-I(SEM-3)	12-04-2022	Dr. D B Jani Associate Professor GEC Dahod	22

EXTRA-CURRICULAR ACTIVITIES

Sr	Activities	Date
1	Fire Safety Awareness	28-07-2021
2	Webinar on "Developing Entrepreneurship Skill: Challenges and Opportunities" by Dr Raju Rathod	07-08-2021
3	Independence Day Celebration	15-08-2021
4	Swachchata Pakhwada	01-09-2021 to
5	Elocution Competition on How can I use my engineering skills to make India great?	23-09-2021
6	Slogan Writing Competition on '75 Years of Freedom' (Azadi Ka Amrut Mahotsav Celebration)	24-09-2021
7	Cleanliness Awareness Drive (NSS activity)	29-09-2021
8	Gandhi Jayanti Celebration and Campus Cleaning	02-10-2021
9	Cyber Safety Awareness Webinar	05-10-2021
10	Cleanliness Awareness and Tree Plantation Drive	25-10-2021
11	Cleanliness Drive in College Campus (NSS activity)	18-01-2022 to 20-01-2022
12	Elocution Competition on the topic Constitution of India (Azadi Ka Amrut Mahotsav Celebration)	25-01-2022
13	Republic Day Celebration	26-01-2022
14	Expert session on Crafting Career through Sound Body and Mind (RUSA Workshop)	05-03-2022
15	Expert session on Mind-optimization for desired career (RUSA Workshop)	06-03-2022
16	Quiz competition on "Dandi March"	12-03-2022
17	Sports Week	08-03-2022 to 12-03-2022
18	Women Day Event-Health Awareness Lecture on 'Women's Pelvic Floor' by Dr Arwa Lanewala, Creative Session "for Women, By women , On Women"	04-05-2022
19	Azadi Ka Amrut Mahotsav Celebration (Quiz Competition, Photography Competition, Video-Making Competition, Logo-Designing Competition)	19-05-2022
20	International Yoga Day	21-06-2022



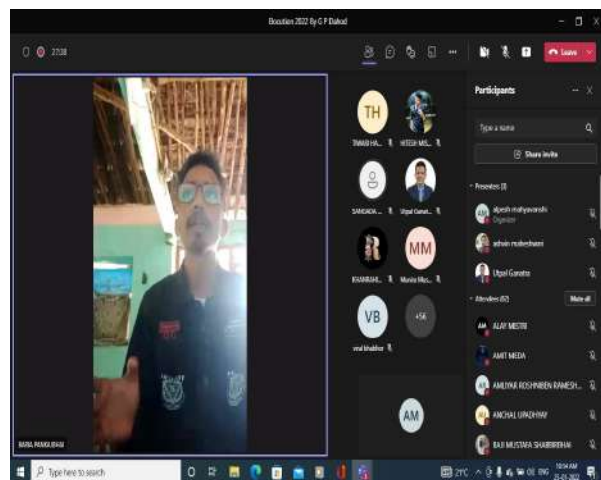
Wanakbori Thermal Power Station, Kheda (21-04-2022)



Fire safety Awareness (28-7-2021)



Independence Day (15-8-2021)



**Elocution Competition on How can I use my engineering skills to make India great?
(Azadi Ka Amrut Mahotsav Celebration) 23-09-2021**



Cleanliness Awareness Drive

(29-09-2021)



Women Day Event-Health Awareness

(4-05-2022)



Independence Day (26-01-2022)



Expert session on Crafting Career through Sound Body and Mind

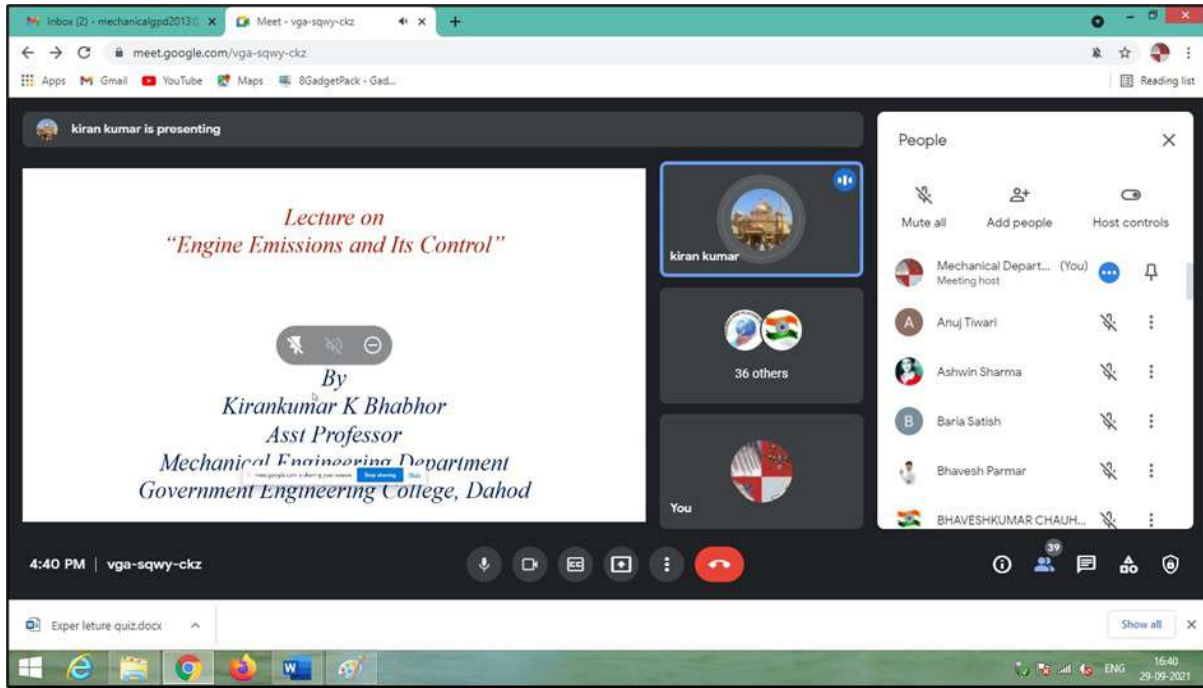
(RUSA Workshop) (05-03-2022)



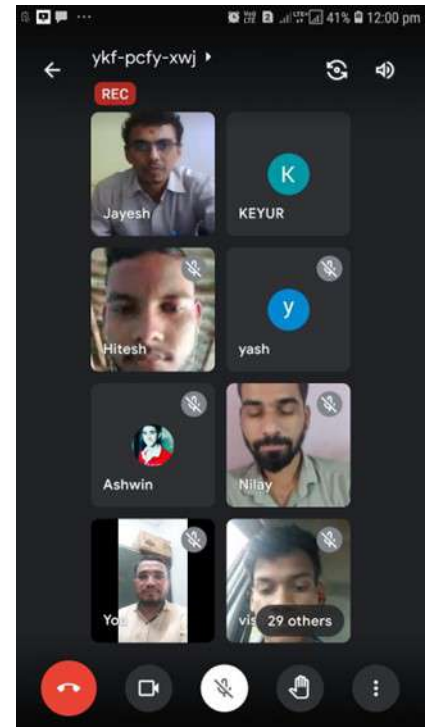
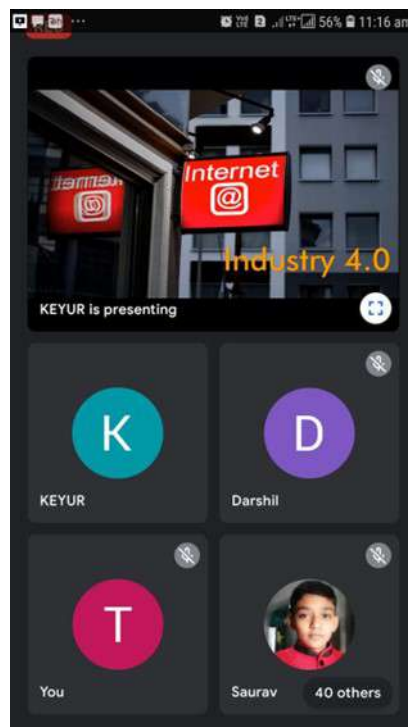
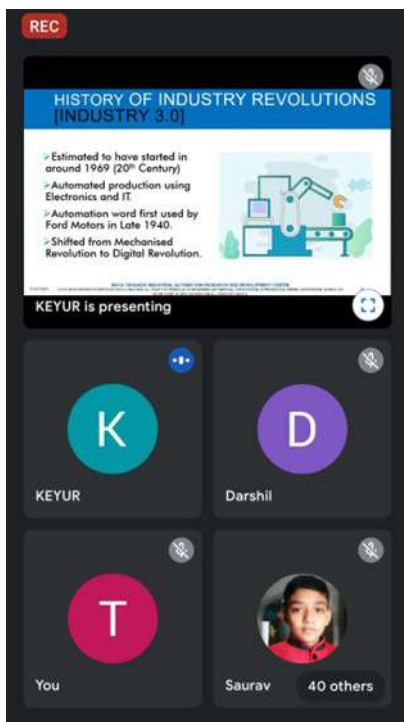
Sports Week (08-03-2022 to 12-03-2022)



Thalassemia Check-up camp (29-04-2022)





Expert lecture on application of Industrial hydraulics and pneumatics in industry 4.0 (31-07-2021)



Expert lecture on engine emission and its control (29-09-2021)



Sr. No.	Company Name		Students Selected
1	Krishna Maruti Limited, Hansalpur		10
2	Tata Autocomp Systems Ltd.		7
3	Schaeffler India Limited		5
TOTAL			22

RESULT ANALYSIS

Summer Exam		6th sem	Summer 2022
Branch	subject_code	subjectName	%
19	3361901	Computer Aided Manufacturing	79.25
19	3361902	Tool Engineering	73.58
19	3361903	Industrial Management	88.68
19	3361904	Manufacturing Systems.	77.36
19	3361905	Fabrication Technology.	90.57
19	3361910	Project-II	100

Summer Exam		4th sem	Summer 2022
Branch	subject_code	subjectName	%
19	3341901	Manufacturing Engineering – II	58.33
19	3341902	Thermal Engineering-I	66.67
19	3341903	Theory of machine	45.83
19	3341904	Computer aided design	79.17
19	3341905	Metrology and Instrumentation	58.33
19	3341906	Plant maintance and safety	83.33

Summer Exam		2nd sem	Summer 2022
Branch	subject_code	subjectName	%
19	4300003	Environment & sustainability	41.18
19	4300008	Engineering Mechanics	41.18
19	4300014	Basic of Electrical & electronics	94.12
19	4300016	Indian Constitution	100
19	4300019	Computer application & graphics	94.12
19	4320001	Applied mathematics	76.47
19	4321902	Mechanical Drafting	47.06

Students Academic Achivement

SR NO	ENROLL- MENT	STUDENT NAME	CGPA	SPI	CPI
1	196300319021	CHALLAWALA MUFADDAL BURHANUDDIN	9.08	9.18	9.19
2	196300319052	KHARODAWALA KAJDJOHAR	8.88	9.46	9.03
3	196300319111	VANZARA SACHINKUMAR JESINGBHAI	8.86	9.5	8.84
4	196300319001	ANUJ TIWARI	8.79	8.93	8.9
5	196300319017	BHATT DHRUV MITESHKUMAR	8.29	8.86	8.31
6	196300319037	DESHMUKH VARUN SHEKHAR	8.21	8.82	8.35
7	196300319068	PANCHAL JAYRAJ PRABHUDASH-	8.05	7.96	8.08
8	196300319081	PATEL DEEP SURESHBHAI	7.91	8.43	8.03
9	196300319071	PANCHAL SAURAV MAHEN- DRAKUMAR	7.7	8.07	8.12
10	196300319108	VANZARA DHANRAJBHAI GU-	7.68	8	7.48



Social Media News



ગોધરા-દાહોદ ભાસ્કર 26-03-2022

દાહોદ સરકારી પોલીટેકનિકમાં યોજાયેલા પ્લેસમેન્ટ ફેરમાં 270 વિદ્યાર્થીઓ સિલેક્ટ થયા



દાહોદ. ગુજરાત રાજ્યના શિક્ષણ વિભાગ તેમજ કેસીજના સહયોગથી રાજ્યના તમામ જીલ્લાઓમાં અંતિમ વર્ષમાં અભ્યાસ કરતા વિદ્યાર્થીઓ માટે પ્લેસમેન્ટ ફેરનું આયોજન કરવામાં આવી રહેલ છે. જે અંતર્ગત દાહોદ જિલ્લા માટેનો પ્લેસમેન્ટ ફેર સરકારી પોલીટેકનીક દાહોદ ખાતે પ્રો. એમ. જે. દેસાઈ, નોડલ ઓફિસર/આચાર્યના વડપણ હેઠળ યોજાયો હતો. જેમાં દાહોદ જીલ્લાની આર્ટ્સ, કોમર્સ, સાયન્સ, ડીપ્લોમા/ડિગ્રી ઈજનેરી જેવી 14 સરકારી/ગ્રાન્ટેડ કોલેજના અંતિમ વર્ષમાં અભ્યાસ કરતા 429 વિદ્યાર્થીઓ પ્લેસમેન્ટ ફેરમાં હાજર રહ્યા હતા.

સરકારી પોલીટેકનિક દાહોદ ખાતે ફાયર સેફ્ટી અંગેનો અવેરનેસ પ્રોગ્રામ યોજવામાં આવ્યો



દાહોદ. સરકારી પોલીટેકનિક દાહોદ ખાતે ફાયર સેફ્ટીનો અવેરનેસ પ્રોગ્રામનું આયોજન કર્યું હતું. અવેરનેસ પ્રોગ્રામમાં ડીગ્રાસ્ટર મેનેજમેન્ટ દાહોદના ડીપીઓ વિરલ કિશીયન અને ફાયર ઈમરજન્સી સર્વિસ દાહોદના ફાયર મેન જગદીશ ભૂરીયા દ્વારા ફાયર સેફ્ટી અંગે તાલીમ આપી હતી.



ગોધરા-દાહોદ ભાસ્કર 03-04-2022

દાહોદની સરકારી પોલીટેકનિકમાં ઈનામ વિતરણ કાર્યક્રમનું આયોજન કરવામાં આવ્યું



દાહોદ. દાહોદની સરકારી પોલીટેકનિકમાં આઝાદી કા અમૃત મહોત્સવ અંતર્ગત સ્પોર્ટ્સ વીક લોક

2022ના ઈનામ વિતરણના કાર્યક્રમનું આયોજન કરવામાં આવ્યું હતું. જેમાં સ્પોર્ટ્સ વીક અંતર્ગત યોજાયેલ વિવિધ સ્પર્ધાના વિજેતા તથા ઉપવિજેતાઓને ટ્રોફી આપી સન્માનીત કરવામાં આવ્યા હતા. કેરમ બોયઝ માં ઉપવિજેતા નિનામા પ્રશાંત, વિજેતા અનુજ તિવારી, કેરમ ગર્લ્સ ઉપવિજેતા ચંદા ઈશિકા, વિજેતા દરજ પ્રેરણા, બેડમિન્ટન બોયઝ ઉપવિજેતા ગોહેલ દીપેન, વિજેતા છિપા અદનાન, બેડમિન્ટન ગર્લ્સ ઉપવિજેતા દરજ પ્રેરણા, વિજેતા ભાટિયા ખુશી, ચેસ બોયઝ ઉપવિજેતા જૈન રત્નેશ, વિજેતા દુધિયાવાળા મુર્તુઝા, વોલીબોલ ઉપવિજેતા ઈલેક્ટ્રિકલ ટીમ, વિજેતા સિવિલ ટીમ, ક્રિકેટ ગર્લ્સ ઉપવિજેતા સિવિલ ટીમ, વિજેતા કોમ્પ્યુટર ટીમ, ક્રિકેટ બોયઝ ઉપવિજેતા સિવિલ વોરીએર્સ, વિજેતા ઈલેક્ટ્રિકલ લાયન્સ, મેન ઓફ ધ મેચ ફાઈનલ- હાર્દિક રાહોડ, બેસ્ટ બેટ્સમેન-અવિનાશ પસાયા, બેસ્ટ બોલર-લોકેશ પરમાર, પ્લેયર ઓફ ટુર્નામેન્ટ લોકેશ પરમાર રહ્યા હતા.



Government Polytechnic Dahod @GovtPolyDAHOD · Sep 28, 2021 ...

સરકારી પોલીટેકનીક દાહોદ ખાતે " Indian Red Cross Society" દ્વારા બ્લડ ડોનેશન કેમ્પ નું આયોજન કરવામાં આવ્યું.



Aloesh Mahvavanshi and 6 others

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