

DEPARTMENT OF MECHANICAL ENGINEERING

List of YouTube Videos

S. No	Name of Faculty	Course Name	Link
1	Mr.P.Sethu Ramalingam	Hydraulics & Pneumatics	https://www.youtube.com/watch?v=wQyAf5OrCT0
2	Mr.S.Aravinth	Automobile Engineering	https://www.youtube.com/watch?v=D_FObE6SU6A
3	Mr.S.Srinivasan	Computer Aided Design & Manufacturing	https://www.youtube.com/watch?v=sfj8UzEimzQ
4	Dr.S.Stephen Bernard	Heat & Mass Transfer	https://www.youtube.com/watch?v=HALGUaqcXBQ
5	Mr.S.Vivek	Thermal Engineering - I	https://www.youtube.com/watch?v=9XdHVCKaYuc
6	Ms.S.Priyadharsini	Manufacturing Technology-II	https://www.youtube.com/watch?v=kBYGq6jERDY
7	Mr.A.Abdul Munaf	Kinematics of Machinery	https://www.youtube.com/watch?v=T0_eX_wlZXY
8	Mr.P.Siva Sankar	Engineering Metallurgy	https://www.youtube.com/watch?v=dKRUSRICWgg
9	Dr.M.Bakkiyaraj	Strength of Materials	https://www.youtube.com/watch?v=AiBSiLX1Wao
10	Mr.N.Anand	Finite Element Analysis	https://www.youtube.com/watch?v=TZ7HQm7jPpk
11	Dr.G.Suresh	Design of Transmission System	https://www.youtube.com/watch?v=kvL1pzZV-yk

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STEAM VIDEOS

([STEAM RIT - YouTube](#))

S. No	Title	Link
1	Arduino in 30 Minutes	https://youtu.be/RV6VFWV7bMg?si=yW2z5bpOnAudFkv7
2	3D Modeling using Tinkercad	https://youtu.be/V7YIdPxFxMg?si=fcDrUxDJJki6bLVj
3	Introducing Kodu Game Lab	https://youtu.be/z-KvSJ89lxg?si=xgYmWtASOiyWLOVI
4	Beginning Blender	https://youtu.be/C20UPQvuGeQ?feature=shared
5	IC Engine Cars Vs Electric Cars	https://youtu.be/UG857cgTR48?feature=shared
6	Sports Motion Analysis using Kinovea	https://youtu.be/hsX_P5IOFq0?feature=shared
7	3D Printing a Simple Keychain	https://youtu.be/NQJ7dHm3giE?feature=shared
8	Robotic Arm Fundamentals using RoKiSim	https://youtu.be/BPhWGL3a6D8?feature=shared
9	Steam @ Rit! Learn With Us!	https://youtu.be/0by4i8IOMNo?feature=shared
10	Introducing Ardublock	https://youtu.be/bRJcE5X_00M?feature=shared
11	Fractals: What are they?	https://youtu.be/53ynEqOBGX4?feature=shared
12	Simulation on the Cloud: Simscale	https://youtu.be/ggk6pDM4x1c?feature=shared
13	Modeling Glass	https://youtu.be/zUW-6rmixys?feature=shared
14	Happy Science Day!	https://youtu.be/DGZWZcSRkz0?feature=shared
15	'Meta-materials' - What are they?	https://youtu.be/oP_uYJWqpkk?feature=shared
16	What Is A Hype Cycle?	https://youtu.be/FzXQof2OFwU?feature=shared
17	A Math Story: Adding 1 to 100	https://youtu.be/t84dcXpHuio?feature=shared
18	Artificial Skin	https://youtu.be/ozvDp4PDn2g?feature=shared

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S. No	Title	Link
19	What is Coanda Effect?	https://youtu.be/Lp0heHX_hhA?feature=shared
20	Minecraft Animation using Mine-imator	https://youtu.be/zFS5JbSrc30?feature=shared
21	Chandrasekhar Limit	https://youtu.be/0A46G9mnZR4?feature=shared
22	FARADAY CAGE	https://youtu.be/lA0YfMu-91w?feature=shared
23	Black Hole - Say Cheese!	https://youtu.be/5ctEDVSBG1A?feature=shared
24	Let your project be the flap..!	https://youtu.be/6sKHDUET0EM?feature=shared
25	Happy 15th of August	https://youtu.be/ti-rsD_e8Mo?feature=shared
26	Trachtenberg Speed Math	https://youtu.be/lh-YDpCz6ag?feature=shared
27	Google Claims Quantum Supremacy!	https://youtu.be/91Qhar5M8L0?feature=shared
28	MIT's Robo-thread	https://youtu.be/IDY_haTqEfg?feature=shared
29	Poem by Constantine Cavafy	https://youtu.be/FNxjXQp0M8E?feature=shared
30	Design Thinking in a Nutshell	https://youtu.be/aVhdgsWA8bU?feature=shared
31	Top 10 Innovative bikes	https://youtu.be/uR517KQ3aq8?feature=shared
32	Introducing VREP!	https://youtu.be/u_iY5FzdSR0?feature=shared
33	Elon Musk's Neuralink	https://youtu.be/6g_s14NGVmY?feature=shared
34	World's 10 Most Serious Problems	https://youtu.be/dhMEemkb7bl?feature=shared
35	Drones for Agriculture	https://youtu.be/RwGjCcxxaf0?feature=shared
36	Biomimicry: How Kingfisher inspired Bullet trains!	https://youtu.be/B0RMILdIEBc?feature=shared
37	Digital Twin Technology	https://youtu.be/kAGt3FL2PME?feature=shared

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S. No	Title	Link
38	A Man called Feynman!	https://youtu.be/rpK-CTkNxil?feature=shared
39	ISRO's Vyommitra	https://youtu.be/6bosr2IFuoU?feature=shared
40	Awareness on 3D Printing Technology	https://youtu.be/pxojA2gVYWw?feature=shared
41	Special Awareness on “Glimpses of Python Programming”	https://youtu.be/ReRXAV3fAL8?feature=shared
42	Integrated Approach of Science & Engineering for Sustainable Future	https://youtu.be/ekgXY3pcag8?feature=shared
43	Chlorine in Our Daily Life	https://youtu.be/_5lSKYbdnQE?feature=shared
44	Introduction To Kine Master - Part I (Tutorial)	https://youtu.be/zTYPUEtIb7U?feature=shared
45	Electric Vehicle (Ev) - An Over View	https://youtu.be/FhWdFWW1PJs?feature=shared
46	AR and VR -The Feature	https://youtu.be/7zzDbufyPaw?feature=shared
47	We Are the Centre For Space Research	https://youtu.be/47lTURGY83l?feature=shared
48	Maze Solver Using Ai Algorithms	https://youtu.be/yskP6uiNP4?feature=shared
49	Image Generation and Intelligent Chat bot Formation using Optimization Techniques	https://youtu.be/hoJA9r1MiHk?feature=shared
50	Road Map from Bicycle to E cycle	https://youtu.be/564mBuwrZbA?feature=shared
51	Mastering Precision: A Comprehensive Guide to Wood Router Machine	https://youtu.be/cUH9kGMk6Cs?feature=shared
52	Unleashing the Power Plasma Arc Cutting Machine in Action	https://youtu.be/l2HudChxMGo?feature=shared
53	Self-Made EV Cycle for Bharath Cycle Design Challenge	https://youtu.be/-EnXg78TswA?feature=shared
54	Computer Vision Application in AI	https://youtu.be/7eD5DRWYFIM?feature=shared

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S. No	Title	Link
55	Mathematical Tricks 1	https://youtu.be/sKtpiJcOZBE?feature=shared
56	Mathematical Tricks 2	https://youtu.be/RWC-pbqWsTw?feature=shared
57	Where Art Meets Engineering Iconic Architecture	https://youtu.be/yf9SO88qdTs?feature=shared
58	The Role of Engineering Graphics in Software Engineers	https://youtu.be/o4kjsueZjyI?feature=shared
59	Introduction to Wormhole Theory	https://youtu.be/KUtrQlA0tt8?feature=shared