






**St. Joseph's College of Engineering**  
**Department of Mechanical Engineering**

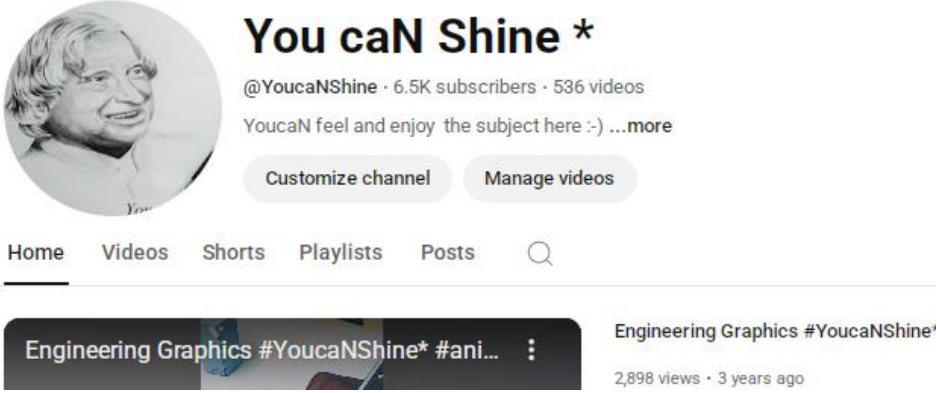
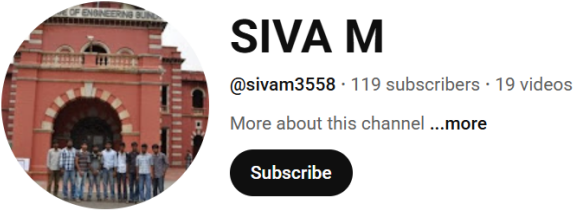
**Faculty Contribution in Development of SWAYAM MOOCs and other E-Content**

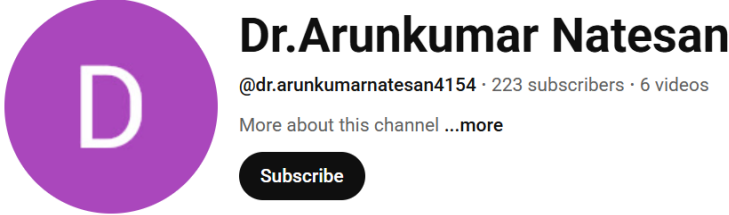
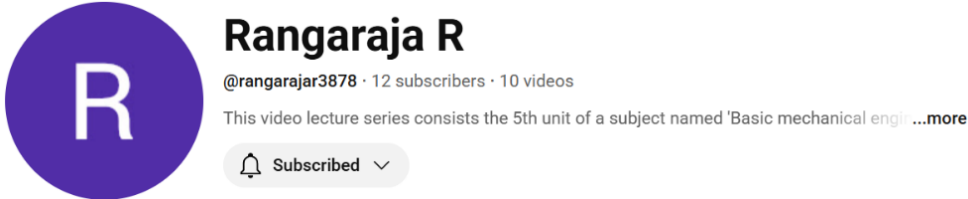
S.No	Name of the Faculty	Name of the Course Developed and available online on Swayam platform by your Department faculty
1	Mr.A.Ruskin Bruce	Channel name: Engineering from Basics /Subscribers:1.85 K Subjects: Engineering Graphics,R & AC, <a href="https://youtube.com/@engineeringfrombasics1825?si=b12m">https://youtube.com/@engineeringfrombasics1825?si=b12m</a>
2	Mr.G.Ashwin Prabhu	Channel name: Mechanical Motivator /Subscribers:10.1 K Subjects Covered: Engineering Graphics, Dynamics <a href="http://www.youtube.com/@MECHANICALMOTIVATOR">/www.youtube.com/@MECHANICALMOTIVATOR</a>
3	Mr.K.Muninathan	Channel name: Therm Science/ <a href="https://www.youtube.com/@Thermscience">https://www.youtube.com/@Thermscience</a>
4	Mr.K.Pravin kumar	Channel name: You can Shine/ <a href="https://www.youtube.com/@YoucaNShine">https://www.youtube.com/@YoucaNShine</a>
5	Mr.M.Siva	Channel Name: M SIVA/ <a href="https://youtube.com/@sivam3558?si=_grQx6lAffR_JrH">https://youtube.com/@sivam3558?si=_grQx6lAffR_JrH</a>
6	Dr.N.Arunkumar	Channel name: Dr.Arunkumar Natesan/ <a href="https://www.youtube.com/@dr.arunkumarnatesan4154">https://www.youtube.com/@dr.arunkumarnatesan4154</a>
7	Mr.R.Rangaraja	Channel name; Rangaraja R <a href="https://youtube.com/@rangarajar3878?si=jmeQyEHSULjn51XQ">https://youtube.com/@rangarajar3878?si=jmeQyEHSULjn51XQ</a>
8	Dr. K. Arun	<a href="https://youtu.be/eKsQkcYqEGc?si=XPsg8HIgKllhtj_J">https://youtu.be/eKsQkcYqEGc?si=XPsg8HIgKllhtj_J</a> , <a href="https://youtu.be/ogKE0KanFic?si=pQdVM6SDgH4HglCp">https://youtu.be/ogKE0KanFic?si=pQdVM6SDgH4HglCp</a>
9	Dr. Lionus leo GM	<a href="https://youtu.be/obWcz3xSY04?si=gHrYK49_fmOpgRKj">https://youtu.be/obWcz3xSY04?si=gHrYK49_fmOpgRKj</a> , <a href="https://youtu.be/JiX_2eFp8lob">https://youtu.be/JiX_2eFp8lob</a>
10	Mr. Balasubramanian T	<a href="https://www.youtube.com/watch?v=Ytnb8HcSgk">https://www.youtube.com/watch?v=Ytnb8HcSgk</a> , <a href="https://www.youtube.com/watch?v=aUqBHoavobE">https://www.youtube.com/watch?v=aUqBHoavobE</a>
11	Dr. T. Gavaskar	<a href="https://youtu.be/ygw9yD_JNCA?si=eVRM8P-1WxvjIqUZ">https://youtu.be/ygw9yD_JNCA?si=eVRM8P-1WxvjIqUZ</a>

## SAMPLE PROOFS

S.No	Name of the Faculty	Name of the Course Developed and available online on Swayam platform by your Department faculty
1	Mr.A.Ruskin Bruce	<p>Engineering Graphics Channel name: <b>Engineering from Basics</b></p>   <p><b>Engineering From Basics</b> @engineeringfrombasics1825 · 1.85K subscribers · 28 videos More about this channel ...more Subscribed</p> <p>Subscribers:1.85 K Subjects: Engineering Graphics, Refrigeration and Air Conditioning Link: <a href="https://youtube.com/@engineeringfrombasics1825?si=b12mXKf0HMMRDc0a">https://youtube.com/@engineeringfrombasics1825?si=b12mXKf0HMMRDc0a</a></p>
2	Mr.G.Aswin Prabhu	<p>Channel name: <b>Mechanical Motivator</b></p>   <p><b>MECHANICAL MOTIVATOR</b> @MECHANICALMOTIVATOR · 10.1K subscribers · 5.7K videos நம் குழுவிற்கு அன்புடன் வரவேற்கிறோம்...! ...more <a href="facebook.com/ashwin.prabhu3">facebook.com/ashwin.prabhu3</a> and 3 more links</p> <p>Subscribers:10.1 K Subjects Covered: Engineering Graphics, Dynamics of Machinery, Strength of Materials, Finite</p>

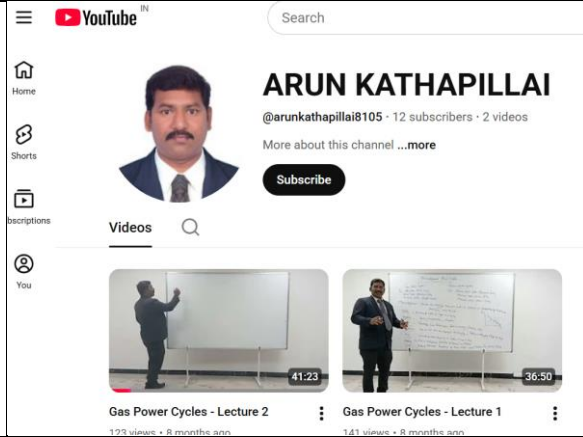
		<p>Element Analysis, Fluid Mechanics Lab, Strength of Materials Lab, Kinematics &amp; Dynamics Lab</p> <p><a href="http://www.youtube.com/@MECHANICALMOTIVATOR">www.youtube.com/@MECHANICALMOTIVATOR</a></p>
3	Mr.K.Muninathan	<p><b>Channel name: Therm Science</b></p>  <p><b>Therm Science</b>        @Thermscience · 8.66K subscribers · 371 videos        Dear Friends, n ...more  <input type="button" value="Subscribe"/></p> <p><b>Subscribers:</b>8.66 K  <b>Subjects Covered:</b> Thermal engineering, Thermodynamics  <b>Link:</b> <a href="https://www.youtube.com/@Thermscience">https://www.youtube.com/@Thermscience</a></p>

4	Mr.K.Pravin kumar	 <p><b>You can Shine *</b> @YoucaNShine · 6.5K subscribers · 536 videos YoucaN feel and enjoy the subject here :) ...more</p> <p>Customize channel Manage videos</p> <p>Home Videos Shorts Playlists Posts</p> <p>Engineering Graphics #YoucaNShine* #ani... Engineering Graphics #YoucaNShine* 2,898 views · 3 years ago</p> <p>Engineering Graphics, Metal cutting, CAM, Metrology and measurements, Kinematics of machines, Dynamics of machinery <a href="https://www.youtube.com/@YoucaNShine">https://www.youtube.com/@YoucaNShine</a></p>
5	Mr.M.Siva	 <p><b>SIVA M</b> @sivam3558 · 119 subscribers · 19 videos More about this channel ...more</p> <p>Subscribe</p> <p>Channel Name: M SIVA Subscribers:1.85 K Subject Name: Engineering Mechanics</p> <p>Link: <a href="https://youtube.com/@sivam3558?si=_grQx6lAflfR_JrH">https://youtube.com/@sivam3558?si=_grQx6lAflfR_JrH</a></p>

6	Dr.N.Arunkumar	 <p><b>Dr.Arunkumar Natesan</b>  @dr.arunkumarnatesan4154 · 223 subscribers · 6 videos  More about this channel ...more  Subscribe</p> <p>Channel name: <b>Dr.Arunkumar Natesan</b>  Subscribers:223  Subjects: Manufacturing Technology  Link: <a href="https://www.youtube.com/@dr.arunkumarnatesan4154">https://www.youtube.com/@dr.arunkumarnatesan4154</a></p>
7	Mr.R.Rangaraja	 <p><b>Rangaraja R</b>  @rangarajar3878 · 12 subscribers · 10 videos  This video lecture series consists the 5th unit of a subject named 'Basic mechanical engi...more  Subscribed</p> <p>Channel name; Rangaraja R  Basic Mechanical Engineering , <a href="https://youtube.com/@rangarajar3878?si=jmeQyEHSULjn51XQ">https://youtube.com/@rangarajar3878?si=jmeQyEHSULjn51XQ</a></p>

8

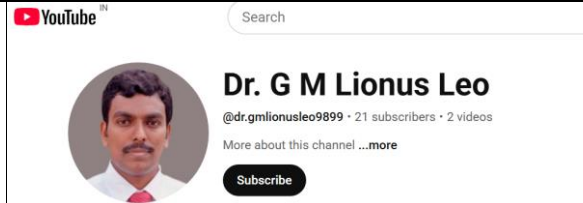
Dr.K.Arun



YouTube channel page for ARUN KATHAPILLAI. The page shows the channel name, a profile picture of a man with a mustache, and a 'Subscribe' button. Below the profile picture, there are two video thumbnails. The first video is titled 'Gas Power Cycles - Lecture 2' with a duration of 41:23 and 173 views. The second video is titled 'Gas Power Cycles - Lecture 1' with a duration of 36:50 and 1,411 views. The channel has 12 subscribers and 2 videos.

9

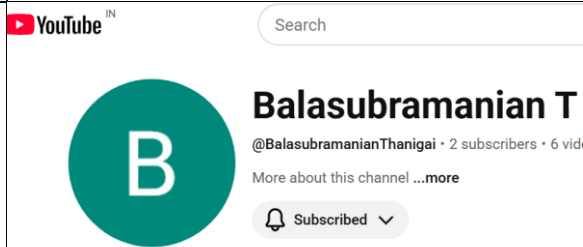
Dr.G.M.Lionus Leo



YouTube channel page for Dr. G M Lionus Leo. The page shows the channel name, a profile picture of a man with a mustache, and a 'Subscribe' button. Below the profile picture, there is a search bar and a 'More about this channel ...more' link. The channel has 21 subscribers and 2 videos.

10

Mr.T.Balasubramanian



YouTube channel page for Balasubramanian T. The page shows the channel name, a profile picture with a large green circle containing the letter 'B', and a 'Subscribed' button. Below the profile picture, there is a search bar and a 'More about this channel ...more' link. The channel has 2 subscribers and 6 videos.

11

Dr.T.Gavaskar



The image shows a screenshot of a YouTube channel page for Dr. Gavaskar Thodda. On the left is a navigation sidebar with icons for Home, Shorts, Subscriptions, and You. The main content area features a circular profile picture of Dr. Gavaskar Thodda, a man with a mustache wearing a white shirt and a red shawl. To the right of the profile picture, the channel name "Dr. Gavaskar Thodda" is displayed in bold, followed by the handle "@dr.gavaskarthodda5057", "9 subscribers", and "1 video". Below this is a "Subscribe" button and a link to "More about this channel ...more". Underneath is a "Videos" section with a search icon. A single video is shown with a thumbnail of a man pointing at a chalkboard. The video title is "Programmable logic controllers #Dr. GAVASKAR T" and it has "10 views · 8 months ago".

## TEACHING RESOURCE BY FACULTIES

SI NO	Name of the Staff	Teaching Resource		Subject Name/Topic Name
		Link 1	Link 2	
1.	Dr. R. Sathish	<a href="https://youtu.be/Ido5RBAF0vg?si=FNuUfAhL16P9Mt_-">https://youtu.be/Ido5RBAF0vg?si=FNuUfAhL16P9Mt_-</a>	<a href="https://youtu.be/mh26sTpNvdQ?si=4hMB-XdFK50EZ-Wc">https://youtu.be/mh26sTpNvdQ?si=4hMB-XdFK50EZ-Wc</a>	Sand casting process
2.	Dr. K. M. Kumar	<a href="https://www.youtube.com/watch?v=5qwsZXi3gRM">https://www.youtube.com/watch?v=5qwsZXi3gRM</a>	<a href="https://www.youtube.com/watch?v=jIq1mZz0E5g">https://www.youtube.com/watch?v=jIq1mZz0E5g</a>	Introduction to ANSYS
3.	Dr. K. Arun	<a href="https://www.youtube.com/watch?v=gDkVqUroiF4&amp;t=2059s">https://www.youtube.com/watch?v=gDkVqUroiF4&amp;t=2059s</a>	<a href="https://www.youtube.com/watch?v=ZSOvDSI537I&amp;t=1360s">https://www.youtube.com/watch?v=ZSOvDSI537I&amp;t=1360s</a>	Gas Power Cycles
4.	Dr. G. M. Lionus Leo	<a href="https://www.youtube.com/watch?v=jTZpM8WPz20&amp;t=738s">https://www.youtube.com/watch?v=jTZpM8WPz20&amp;t=738s</a>	<a href="https://www.youtube.com/watch?v=XIHMGTriMDU&amp;t=679s">https://www.youtube.com/watch?v=XIHMGTriMDU&amp;t=679s</a>	Thermal Engineering
5.	Dr. T. Gavaskar	<a href="https://youtu.be/g_gGtAwxcU?si=L-P5-0dxF-jhnMzh">https://youtu.be/g_gGtAwxcU?si=L-P5-0dxF-jhnMzh</a>	<a href="https://youtu.be/9OK_kymD778?si=naUAqZVBIITCS-D">https://youtu.be/9OK_kymD778?si=naUAqZVBIITCS-D</a>	Mechatronics
6.	Mr.A.S.M.Udayakumar	<a href="https://www.youtube.com/watch?v=kkddeL73-ps">https://www.youtube.com/watch?v=kkddeL73-ps</a>	<a href="https://youtu.be/ihhHliNKzk">https://youtu.be/ihhHliNKzk</a>	Engineering Graphics
7.	Dr. J. Vijayanand	<a href="youtube.com/watch?v=w3ArDynbifk&amp;feature=youtu.be">youtube.com/watch?v=w3ArDynbifk&amp;feature=youtu.be</a>	<a href="https://youtu.be/D3S-UxQqV58">https://youtu.be/D3S-UxQqV58</a>	Six Sigma
8.	Mr. K. M. B. Karthikeyan	<a href="https://youtu.be/Iy7Z3nW-dmQ?si=y8ITsdXVeyHXwBw9">https://youtu.be/Iy7Z3nW-dmQ?si=y8ITsdXVeyHXwBw9</a>	<a href="https://youtu.be/QR3cWK0ianA?si=DX0HRBsa-5qZEIHt">https://youtu.be/QR3cWK0ianA?si=DX0HRBsa-5qZEIHt</a>	Engineering Graphics
9.	Mr. T. Balasubramanian	<a href="https://youtu.be/QE2ajs9AjmU?si=bq7gpib2zcd4H8kG">https://youtu.be/QE2ajs9AjmU?si=bq7gpib2zcd4H8kG</a>	<a href="https://youtu.be/iKdqB12HIOM?si=pbr8l2SPSjoprH6m">https://youtu.be/iKdqB12HIOM?si=pbr8l2SPSjoprH6m</a>	Finite Element Analysis
10.	Mr. P. Premkumar	<a href="https://www.youtube.com/watch?v=bFThCAxKJtA">https://www.youtube.com/watch?v=bFThCAxKJtA</a>	<a href="https://www.youtube.com/watch?v=gsxBoRdYRaw">https://www.youtube.com/watch?v=gsxBoRdYRaw</a>	Microprocessors
11.	Dr. M. Ganesh	<a href="https://www.youtube.com/watch?v=LTPHHGNapDk&amp;t=12s">https://www.youtube.com/watch?v=LTPHHGNapDk&amp;t=12s</a>	<a href="https://www.youtube.com/watch?v=q2wQ91v77Cc&amp;t=10s">https://www.youtube.com/watch?v=q2wQ91v77Cc&amp;t=10s</a>	Design of Transmission Systems
12.	Dr. K. Muninathan	<a href="https://www.youtube.com/watch?v=CU7ebsVlZ0Y">https://www.youtube.com/watch?v=CU7ebsVlZ0Y</a>	<a href="https://www.youtube.com/watch?v=HPe5paC7W64">https://www.youtube.com/watch?v=HPe5paC7W64</a>	Thermal Engineering
13.	Mr. M. Siva	<a href="https://youtu.be/tLiyQ3ZY2dU?si=Rddo6QsXyM1UTT8q">https://youtu.be/tLiyQ3ZY2dU?si=Rddo6QsXyM1UTT8q</a>	<a href="https://youtu.be/7gfZuEE_oyE?si=CeQmc17w5XLzOZe0">https://youtu.be/7gfZuEE_oyE?si=CeQmc17w5XLzOZe0</a>	Engineering Mechanics
14.	Mr. R. Elakkiyadasan	<a href="https://youtu.be/PVwrgNJqXW0?si=FCgXobBXfXStDPEH">https://youtu.be/PVwrgNJqXW0?si=FCgXobBXfXStDPEH</a>	<a href="https://youtu.be/xnoxo30VyHo?si=XswtYFe3CXKcZk6">https://youtu.be/xnoxo30VyHo?si=XswtYFe3CXKcZk6</a>	Engineering Mechanics
15.	Mr. G. Ashwin Prabhu	<a href="#">SECTION OF PENTAGONAL PYRAMID &amp; CONE</a>	<a href="#">PROJECTION OF PENTAGONAL PYRAMID, TRUNCATED &amp; CONE</a>	Engineering Graphics
16.	Mr. K. Pravinkumar	<a href="https://youtu.be/IOTpCdWkhfg">https://youtu.be/IOTpCdWkhfg</a>	<a href="https://youtu.be/xbP9XEcOSIY">https://youtu.be/xbP9XEcOSIY</a>	Kinematics of Machinery
17.	Mr. D. Sakthivel	<a href="https://youtu.be/2Pmgak3XXLI">https://youtu.be/2Pmgak3XXLI</a>	<a href="https://youtu.be/gPG_guJa-Sw">https://youtu.be/gPG_guJa-Sw</a>	Parameters of Internal Combustion Engines