



CRITERION 4 Infrastructure and Learning Resources	4.3 IT Infrastructure
4.3.4 Facilities available for e-content development	

Facilities available for e-content development:

- 1. Media centre**
- 2. Audio visual centre,**
- 3. Mixing equipments and software for editing**

1. Media Centre:

Institute's Media center has facilities to record, capture, edit and upload the videos on the e-content. The open-source mixing equipment and the software are edited and uploaded on YouTube and made available for students to view and update their knowledge on the e-content related to the courses taught.

2. Audio-Visual center:

The Audio-Visual center of the college is set up for the benefits of the student community to view and learn the concepts of the engineering courses at their own pace. The Audio-visual center has a repository of e-content videos and content from various open sources available for viewers. These facilities are useful for the students to update their knowledge on fundamentals.

3. Mixing Equipment and Software

This facility helps in modifying, upgrading the scope of the content, and adding visual effects, graphical illusions to the e-content videos. The open-source software for mixing and editing is a boon for the e-content developers to make the course content, interesting and useful.



Facilities available for e-content development:

Name of the teacher	Name of the module developed	Platform on which module has been developed	Date of launching the e-content	Link to the relevant document and facility available in the institution	List of the e-content development facilities available
Dr.L.Jayalakshmi	Raman Spectroscopy and its Applications in Material Science	Audio Video Recorder	Jan 28, 2022	https://www.youtube.com/watch?v=s45KO3ZO2Bs	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.R.Paramasamy,	Projection of Solids- Square Prism	Audio Video Recorder	May. 13. 2022	https://youtu.be/ex6CjHPa6oA	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.Anandha Natarajan	Industrial Revolution	Audio Video Recorder	May. 13. 2022	https://youtu.be/CHKclhIYeQs	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.Arul Jeeva Nijandhan	Friction	Audio Video Recorder	May. 13. 2022	https://youtu.be/w9AKM2mcPs	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr J David Gnanaraj	Investment Casting (Special Casting Processes)	Audio Video Recorder	May. 13. 2022	https://www.youtube.com/watch?v=0WXWPzfi48M	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.I.Vijayarasu	Vehicle Aerodynamics	Audio Video Recorder	May. 13. 2022	https://youtu.be/NakyRVutOkI	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software



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NAAC 2022-2023

Self-Study Report (SSR)

Mr.David Gnanaraj	Heat Treatment of Metals	Audio Video Recorder	May. 13. 2022	https://youtu.be/8O70MjbAeT0	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.K.Amirtharaj	Transmission System	Audio Video Recorder	May. 13. 2022	https://youtu.be/M-KwBw_p0yc	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.Meenakshi Sundaram	Operation Research	Audio Video Recorder	May. 13. 2022	https://youtu.be/ADfMmS0H4K0	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.K.M.Ahamed Sheriff	Mechanical Comparator	Audio Video Recorder	May. 13. 2022	https://youtu.be/Q5YSgDMqFlA	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.G.K.Tamilselvan	Engineering Graphics	Audio Video Recorder	May. 13. 2022	https://youtu.be/nFHdtb0t8CY	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.S.Saravanan	Anti-lock braking System	Audio Video Recorder	May. 13. 2022	https://youtu.be/fVXqM2UmRIk	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.D.Lakshmana Raj	A Webinar Applications of Mathematics	Audio Video Recorder	Jan. 2021	https://youtu.be/ft7vdTv3ADA	Seminar hall, Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.L.Jayalakshmi	National Level webinar on “Emerging Trends in Advanced Energy Materials”	Audio Video Recorder	Jan. 29, 2021	https://www.youtube.com/watch?v=-ehlNkzukc	Seminar hall, Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software



Sethu Institute of Technology
(An Autonomous Institution)

NAAC 2022-2023

Self-Study Report (SSR)

Mr.R.Ramesh Kannan	Ultrasonic Interferometer -Virtual lab	Audio Video Recorder	Feb. 2021	https://youtu.be/EF4CS0-YF9Q	Seminar hall, Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr C Muthusamy	Laws of Thermodynamics	OBS (Open Broadcast Software)	Sep. 17. 2019	https://www.youtube.com/watch?v=LUpdaclp5wE	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
A Perumal	Welding process	OBS (Open Broadcast Software)	Sep. 17. 2019	https://www.youtube.com/watch?v=bG4C-OMdw6U	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
R Kathirvel	Bearing Manufacturing	OBS (Open Broadcast Software)	Sep.17.2019	https://www.youtube.com/watch?v=qPJSfRW eWU0	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
G.K.Thamilselvan	Introduction to the Design Process and Factors Influence Machine Design	OBS (Open Broadcast Software)	Sep.17.2019	https://www.youtube.com/watch?v=hfx5YbKEGVs	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr Anbarasu	Heat Engine and Its Performance	OBS (Open Broadcast Software)	Sep.17.2019	https://www.youtube.com/watch?v=KKi54Elsvko	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr. Pitchayya Pillai	Introduction to Unconventional Machining Process	Screen Recorder	Sep.17.2019	https://www.youtube.com/watch?v=wQsyrHscP04	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr. N.Premalatha	Introduction about additive Manufacturing Process	Screen Recorder	Sep.17.2019	https://www.youtube.com/watch?v=UfrDUcRKe-o	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software



Sethu Institute of Technology
(An Autonomous Institution)

NAAC 2022-2023

Self-Study Report (SSR)

Dr. K.Arun Balasubramanian	Recent Trends in I.C Engines	Screen Recorder	Sep.17.2019	https://www.youtube.com/watch?v=atf426YFw3U	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr. B. Mohmed Fazil	Grinding Process	Screen Recorder	Sep. 18. 2019	https://www.youtube.com/watch?v=GIwDvGOYn-M	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
R.Sridhar	Synchronous Gearbox	Screen Recorder	Sep. 18. 2019	https://www.youtube.com/watch?v=wABNhk5p50	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr M Elavarasan	Introduction of Mechanics	Screen Recorder	Sep. 18. 2019	https://www.youtube.com/watch?v=JbZmnLbHoDg	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
G. Nagaraj	Mechanical Energy Based Non- Traditional Machining Process	Screen Recorder	Sep. 18. 2019	https://www.youtube.com/watch?v=L8GNRyfL81g	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.K.Vinayagar	Industry 4.0	Screen Recorder	Sep. 18. 2019	https://www.youtube.com/watch?v=5eG84BnmLY8	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
K M Ahmed Sheriff	Just in time Production Concept	Screen Recorder	Sep. 18. 2019	https://www.youtube.com/watch?v=OUuE1SsaGds	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
S A Sethu Raaman	Engineering Mechanics	Audio Video Recorder	Sep. 18. 2019	https://www.youtube.com/watch?v=k5B8vLT54CI	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software



Sethu Institute of Technology
(An Autonomous Institution)

NAAC 2022-2023

Self-Study Report (SSR)

M.Arul Jeeva Nijanthan	Statics of Rigidbodies	Audio Video Recorder	Sep. 18. 2019	https://www.youtube.com/watch?v=v963b9LSI74	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
G.Venkatesan	Plastics Thermoforming	Audio Video Recorder	Sep 21. 2019	https://www.youtube.com/watch?v=LqSTHGE B37Y	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr. A.Shyam Sundar	Rankine Cycle	Audio Video Recorder	Sep. 21. 2019	https://www.youtube.com/watch?v=_yw_tY0IYPc	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr. S Saravavan	Planing Machines	Audio Video Recorder	Sep. 21. 2019	https://www.youtube.com/watch?v=DU3tfWE OlaM	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.V.Anantha Natarajan	Steady Flow Energy Equation	Audio Video Recorder	Sep. 21. 2019	https://www.youtube.com/watch?v=Qe3We7-ec7Q	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr Shravankumar	A Presentation on Reciprocating Compressors	Audio Video Recorder	Sep. 21. 2019	https://www.youtube.com/watch?v=qSP0XJ2G GIk	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.Vasuki Mercy	Satellite Orbital Parameters	Audio Video Recorder	Nov. 22. 2019	https://www.youtube.com/watch?v=zrDdYUzKDtY	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.J.Kumaresan	Power Electronics, Single Phase Fully controlled Rectifier	Audio Video Recorder	Dec. 6. 2019	https://www.youtube.com/watch?v=xv	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software



Sethu Institute of Technology
(An Autonomous Institution)

NAAC 2022-2023

Self-Study Report (SSR)

Mr.T.Murugan	Digital Logic Circuits Implementation of Multiplexer	Audio Video Recorder	Dec. 6. 2019	https://www.youtube.com/watch?v=Wb61m4l-brA	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.S.Syed Abdul Haq	Smart Grid	Audio Video Recorder	Dec. 6. 2019	https://www.youtube.com/watch?v=5dn	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Ms.K.Elavarasi	Control System Introduction to control systems	Audio Video Recorder	Dec. 6. 2019	https://www.youtube.com/watch?v=89e	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Ms.G.RamuPriya	Working principle of CT scan	Audio Video Recorder	Dec. 7. 2019	https://www.youtube.com/watch?v=e2PJHniQj0o	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.V.Kannan	Special Electrical Machines, Permanent Magnet Brushless DC motor	Audio Video Recorder	Dec. 10. 2019	https://www.youtube.com/watch?v=zpc	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.K.A.Shahul Hameed	Need For Modulation in Communication Systems	Audio Video Recorder	Jan. 1. 2020	https://www.youtube.com/watch?v=8kFCak-tIIo	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr. Yasodai A	Full Adder Design using Verilog HDL part -1	Audio Video Recorder	Jan. 6. 2020	https://www.youtube.com/watch?v=tAQOHUDWDRs	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.M.Ramuvel	AC Machines Starting methods of 3phase induction motor	Audio Video Recorder	Jan. 17. 2020	https://www.youtube.com/watch?v=RuU1_qeBzUM&list=PLFkVKmJyMCuSP1RL85gHPpTwUg2QftFLf&index=6	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software



Sethu Institute of Technology
(An Autonomous Institution)

NAAC 2022-2023

Self-Study Report (SSR)

Mrs.S.Rohini	Power System Generation Thermal Power Plants	Audio Video Recorder	Jan. 17. 2020	https://www.youtube.com/watch?v=r3tEj	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.S.Gopinath	Solar Energy Solar Cell	Audio Video Recorder	Jan. 17. 2020	https://www.youtube.com/watch?v=MMh7GJ4XrQ4&list=PLFkVKmJyMCuSP1RL85gHPpTwUg2QftFLf&index=7	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Ms.C.Sonia	Advanced Drives and Control Drive Characteristics	Audio Video Recorder	Jan. 17. 2020	https://www.youtube.com/watch?v=ceWz	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.S.Sugumar	Power Electronics Cycloconverter	Audio Video Recorder	Jan. 17. 2020	https://www.youtube.com/watch?v=YnDfRlyd-es	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Ms. P Deepa	Sequence detector	Audio Video Recorder	Jan. 27. 2020	https://www.youtube.com/watch?v=Asoa73Ao950	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Ms.S.Amalorpava	Stepper Motor	Audio Video Recorder	Jun. 30 . 2020	https://www.youtube.com/watch?v=pAoPqdr4yQg	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Ms.M.Poomani @ Punitha	Simplification of Boolean Function using K Map	Audio Video Recorder	Jan. 30. 2020	https://www.youtube.com/watch?v=cM0znNaSySU	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.S.Subashini,	Data Structure List ADT	Audio Video Recorder	Feb. 8. 2020	https://www.youtube.com/watch?v=g1LOGke-gtk	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software



Sethu Institute of Technology
(An Autonomous Institution)

NAAC 2022-2023

Self-Study Report (SSR)

Mr. S.Selvi	Addressing Mode	Audio Video Recorder	Feb. 8. 2020	https://www.youtube.com/watch?v=XwQwW_8OXuk	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr. C.YesubaiRubavathi	Dijkstas Algorithm	Audio Video Recorder	Feb. 8. 2020	https://www.youtube.com/watch?v=rBV-wTR2YOU	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.T.Sampradeepraj	Introduction to Internet of things (IoT)	Audio Video Recorder	Feb. 25. 2020	https://www.youtube.com/watch?v=0XG2iS3jxJU	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.R.Umesh	Lecture on AJAX	Audio Video Recorder	Feb. 25. 2020	https://www.youtube.com/watch?v=AFS0gvShVSI	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
K.Dhivya	Columns - Euler's theory and Rankine's theory by using one plus mobile and script & scribble	Audio Video Recorder	Apr. 30. 2020	https://youtu.be/IbfbCiEx0Ls	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.P.Oliver Jayaprakash	Research Methodology	Audio Video Recorder	Apr. 29.2020	https://www.youtube.com/channel/UCZOyJM2--Z9tog-4d11CjyA/videos	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr. M. M. GowthulAlam	Introduction to Automata	Kinemaster	Jan. 17. 2019	https://www.youtube.com/watch?v=hyfa8G9JK6s	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera,
Mr.T.Siva	ISO/OSI Layers	OBS (Open Broadcast Software)	Jan. 7. 2019	https://www.youtube.com/watch?v=Dn0hP4zcYq8	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software



Sethu Institute of Technology
(An Autonomous Institution)

NAAC 2022-2023

Self-Study Report (SSR)

Mr. B.Sivanantham	Overview of Cloud Computing	MS PPT & Power Director	Jan. 7. 2019	https://www.youtube.com/watch?v=5MeYxDm06wo	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.E.Sivajothi	Timestamp Based Concurrency Control Protocol	Screen Recorder	Jan. 7. 2019	https://www.youtube.com/watch?v=PosRP0btjIU	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr.K.Sathish Kumar	Object Oriented Programming –The Inheritance Concept	MS PPT & Power Director	Jan. 17. 2019	https://www.youtube.com/watch?v=3rRRiKkRJ_o	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Dr.C.CalinsChristiana	Supervised Learning - KNN Classification	MS PPT & Power Director	Jan. 17. 2019	https://www.youtube.com/watch?v=GstOWeS0d_w	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software
Mr. A.Syed Ibrahim	Assignment Problem	MS PPT & Power Director	Mar. 21. 2019	https://www.youtube.com/watch?v=uS-cg_g0UzA	Media Centre, Audio Visual Centre, Video mixing Equipment lab, video camera, open source software