

Adivasi seva Samittee's Nashik,

Arts Commerce & Science College Manur. Tal Kalwan

Department of Mathematics

| Class   | Subject Name                 | E-Content Link  |
|---|------------------------------|---|
| F.Y.Bsc   | Algebra                      | <a href="https://www.youtube.com/watch?v=KLz0IBK1I3M">https://www.youtube.com/watch?v=KLz0IBK1I3M</a>   |
|   |                              | <a href="https://www.youtube.com/watch?v=CWTi3RUHHYE">https://www.youtube.com/watch?v=CWTi3RUHHYE</a>   |
|   |                              | <a href="https://www.youtube.com/watch?v=CWTi3RUHHYE">https://www.youtube.com/watch?v=CWTi3RUHHYE</a>   |
|   | Calculus -1                  | <a href="https://www.youtube.com/watch?v=CWTi3RUHHYE">https://www.youtube.com/watch?v=CWTi3RUHHYE</a>   |
|   |                              | <a href="https://www.youtube.com/watch?v=PwNkOk-0pLw&amp;list=PLgRqaonJp0p88MrnXf0Z4nmRxqHpa_wr8">https://www.youtube.com/watch?v=PwNkOk-0pLw&amp;list=PLgRqaonJp0p88MrnXf0Z4nmRxqHpa_wr8</a> |
|   |                              | <a href="https://www.youtube.com/watch?v=PwNkOk-0pLw&amp;list=PLgRqaonJp0p88MrnXf0Z4nmRxqHpa_wr8">https://www.youtube.com/watch?v=PwNkOk-0pLw&amp;list=PLgRqaonJp0p88MrnXf0Z4nmRxqHpa_wr8</a> |
|   |                              | <a href="https://www.youtube.com/watch?v=Xw4q8GjrU_l">https://www.youtube.com/watch?v=Xw4q8GjrU_l</a>   |
|   | Geometry                     | <a href="https://www.youtube.com/watch?v=g2513dd5HJU&amp;list=PLU6SqdYcYsfKxmYzTo_4BEJN7rQDoZDb">https://www.youtube.com/watch?v=g2513dd5HJU&amp;list=PLU6SqdYcYsfKxmYzTo_4BEJN7rQDoZDb</a>   |
|   |                              | <a href="https://www.youtube.com/watch?v=CxIrtB1DxCg">https://www.youtube.com/watch?v=CxIrtB1DxCg</a>   |
|   |                              | <a href="https://www.youtube.com/watch?v=tZskoY3waAQ">https://www.youtube.com/watch?v=tZskoY3waAQ</a>   |
|   |                              | <a href="https://www.youtube.com/watch?v=SFArnreNe0k">https://www.youtube.com/watch?v=SFArnreNe0k</a>   |
|   | Calculus-2                   | <a href="https://www.youtube.com/watch?v=iEsFhUDLDww&amp;list=PLgRqaonJp0p-WHIQ9c4ClyP3_esbAmoFc">https://www.youtube.com/watch?v=iEsFhUDLDww&amp;list=PLgRqaonJp0p-WHIQ9c4ClyP3_esbAmoFc</a> |
| <a href="https://www.youtube.com/watch?v=OXoP9I5Moew">https://www.youtube.com/watch?v=OXoP9I5Moew</a>   |                              |   |
| <a href="https://www.youtube.com/watch?v=OXoP9I5Moew">https://www.youtube.com/watch?v=OXoP9I5Moew</a>   |                              |   |
| <a href="https://www.youtube.com/watch?v=rEtCJIZ3AF8&amp;list=PL1fVzBhBVaPmDjgvfJ6ot4IcZTt18NSNo">https://www.youtube.com/watch?v=rEtCJIZ3AF8&amp;list=PL1fVzBhBVaPmDjgvfJ6ot4IcZTt18NSNo</a> |                              |   |
| S.Y.Bsc   | calculus of several variable | <a href="https://www.youtube.com/watch?v=Sw_JvOFXjgc&amp;list=PL2FUpm_Ld1Q1DABH4v_3yx5ZMkZs8g8B0">https://www.youtube.com/watch?v=Sw_JvOFXjgc&amp;list=PL2FUpm_Ld1Q1DABH4v_3yx5ZMkZs8g8B0</a> |
|   |                              | <a href="https://www.youtube.com/watch?v=smkA4H_ZkDU">https://www.youtube.com/watch?v=smkA4H_ZkDU</a>   |
|   |                              | <a href="https://www.youtube.com/watch?v=ocnpgBb5O_0&amp;list=PL_BDyLp3D8n2XV3AJrxU2abGleYw0WFtd">https://www.youtube.com/watch?v=ocnpgBb5O_0&amp;list=PL_BDyLp3D8n2XV3AJrxU2abGleYw0WFtd</a> |
|   |                              | <a href="https://www.youtube.com/watch?v=0ph5PU3Fsd&amp;list=PLFW6IRTa1g8174RC1q88PCU7Vs7fJWfg9">https://www.youtube.com/watch?v=0ph5PU3Fsd&amp;list=PLFW6IRTa1g8174RC1q88PCU7Vs7fJWfg9</a>   |
|   | Graph theory                 | <a href="https://www.youtube.com/watch?v=5eKDQmTzX2A">https://www.youtube.com/watch?v=5eKDQmTzX2A</a>   |
|   |                              | <a href="https://www.youtube.com/watch?v=HipVU5vz3Q8&amp;list=PLU6SqdYcYsfLV24T0XVb3z3mjl8QG0EBN">https://www.youtube.com/watch?v=HipVU5vz3Q8&amp;list=PLU6SqdYcYsfLV24T0XVb3z3mjl8QG0EBN</a> |
|   |                              | <a href="https://www.youtube.com/watch?v=LpaeRGFEysg&amp;list=PLEjRWorvdxL48EwgXUAsBRnOr-auHXnA5">https://www.youtube.com/watch?v=LpaeRGFEysg&amp;list=PLEjRWorvdxL48EwgXUAsBRnOr-auHXnA5</a> |
|   |                              | <a href="https://www.youtube.com/watch?v=5eKDQmTzX2A&amp;list=PLxCzCOWd7aiGOM5FqjyoqB20Edk0tyzVt">https://www.youtube.com/watch?v=5eKDQmTzX2A&amp;list=PLxCzCOWd7aiGOM5FqjyoqB20Edk0tyzVt</a> |

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| Linear Algebra                 | <a href="https://www.youtube.com/watch?v=V9yB_YuUQKY&amp;list=PLgRqaonJp0p-ghkew8K5JQguOdyirKZm9">https://www.youtube.com/watch?v=V9yB_YuUQKY&amp;list=PLgRqaonJp0p-ghkew8K5JQguOdyirKZm9</a>   |
|                                | <a href="https://www.youtube.com/watch?v=EGAQo19baic">https://www.youtube.com/watch?v=EGAQo19baic</a>   |
|                                | <a href="https://www.youtube.com/watch?v=Lcg5IXT1qQM&amp;list=PLgRqaonJp0p_hWkoXT8L6o53cBxxRDno">https://www.youtube.com/watch?v=Lcg5IXT1qQM&amp;list=PLgRqaonJp0p_hWkoXT8L6o53cBxxRDno</a>     |
| Vector Calculus                | <a href="https://www.youtube.com/watch?v=FfJtVvQtqTM&amp;list=PLU6SqdYcYsfJz9FAzbgocjllkw4NXAar-">https://www.youtube.com/watch?v=FfJtVvQtqTM&amp;list=PLU6SqdYcYsfJz9FAzbgocjllkw4NXAar-</a>   |
|                                | <a href="https://www.youtube.com/watch?v=kNDUQtA7VIQ&amp;list=PL0JyhArzvLVTJPwNY8obl3iZNoq4sMQD">https://www.youtube.com/watch?v=kNDUQtA7VIQ&amp;list=PL0JyhArzvLVTJPwNY8obl3iZNoq4sMQD</a>     |
|                                | <a href="https://www.youtube.com/watch?v=kNDUQtA7VIQ&amp;list=PL0JyhArzvLVTJPwNY8obl3iZNoq4sMQD">https://www.youtube.com/watch?v=kNDUQtA7VIQ&amp;list=PL0JyhArzvLVTJPwNY8obl3iZNoq4sMQD</a>     |
| Metric spacs                   | <a href="https://www.youtube.com/watch?v=6SndsvoBJ6U&amp;list=PLeSjH8FFdj8kWyhW7Lti4vs-0e4HhY7hj">https://www.youtube.com/watch?v=6SndsvoBJ6U&amp;list=PLeSjH8FFdj8kWyhW7Lti4vs-0e4HhY7hj</a>   |
|                                | <a href="https://www.youtube.com/watch?v=gyISoPfHmWc">https://www.youtube.com/watch?v=gyISoPfHmWc</a>   |
|                                | <a href="https://www.youtube.com/watch?v=itU1lmC51rk">https://www.youtube.com/watch?v=itU1lmC51rk</a>   |
| Real Analysis-1                | <a href="https://www.youtube.com/watch?v=6qpxS7EW_Cw&amp;list=PLU6SqdYcYsfKvYZhiXPoaR5fBYDYXENSn">https://www.youtube.com/watch?v=6qpxS7EW_Cw&amp;list=PLU6SqdYcYsfKvYZhiXPoaR5fBYDYXENSn</a>   |
|                                | <a href="https://www.youtube.com/watch?v=IsG7ONMKjsY&amp;list=PLt-ztRmbvZxrR9TPDnikaeYWtzwu4JtCg">https://www.youtube.com/watch?v=IsG7ONMKjsY&amp;list=PLt-ztRmbvZxrR9TPDnikaeYWtzwu4JtCg</a>   |
|                                | <a href="https://www.youtube.com/watch?v=JZvE3y3vhM8&amp;list=PLkwM52m57H5KBf2Nk5fZZWSeb8fDnVZR">https://www.youtube.com/watch?v=JZvE3y3vhM8&amp;list=PLkwM52m57H5KBf2Nk5fZZWSeb8fDnVZR</a>     |
| Group theory                   | <a href="https://www.youtube.com/watch?v=ihQyZ7bJcRE&amp;list=PLU6SqdYcYsfKaQARA0_vnhuXbxmuOQVFF">https://www.youtube.com/watch?v=ihQyZ7bJcRE&amp;list=PLU6SqdYcYsfKaQARA0_vnhuXbxmuOQVFF</a>   |
|                                | <a href="https://www.youtube.com/watch?v=7ifHq5J58cE&amp;list=PLmXKhU9FNesQrSgLxm6zx3XxH_M_8n3LA">https://www.youtube.com/watch?v=7ifHq5J58cE&amp;list=PLmXKhU9FNesQrSgLxm6zx3XxH_M_8n3LA</a>   |
|                                | <a href="https://www.youtube.com/watch?v=DSxOCdpmeBI&amp;list=PLdM-WZokR4tYkXOQqar8V1ShajwIDHsnT">https://www.youtube.com/watch?v=DSxOCdpmeBI&amp;list=PLdM-WZokR4tYkXOQqar8V1ShajwIDHsnT</a>   |
| Ordinary Differential equation | <a href="https://www.youtube.com/watch?v=OET0qwat15o&amp;list=PLdM-WZokR4tbGKbeK8fDIdENONEcvAQlC">https://www.youtube.com/watch?v=OET0qwat15o&amp;list=PLdM-WZokR4tbGKbeK8fDIdENONEcvAQlC</a>   |
|                                | <a href="https://www.youtube.com/watch?v=1HKn9lvYiEM&amp;list=PLU6SqdYcYsfI5CvOHMVOxxMwDakWG67Xq">https://www.youtube.com/watch?v=1HKn9lvYiEM&amp;list=PLU6SqdYcYsfI5CvOHMVOxxMwDakWG67Xq</a>   |
|                                | <a href="https://www.youtube.com/watch?v=bjZKTrCBNw&amp;list=PLU6SqdYcYsfIuZVt20v-eNZBfLEnrM1F">https://www.youtube.com/watch?v=bjZKTrCBNw&amp;list=PLU6SqdYcYsfIuZVt20v-eNZBfLEnrM1F</a>       |
| Operations Research            | <a href="https://www.youtube.com/watch?v=cknZrhVkZ71Q&amp;list=PLU6SqdYcYsfLyEPjMPHT_1ZhTRrnXA55R">https://www.youtube.com/watch?v=cknZrhVkZ71Q&amp;list=PLU6SqdYcYsfLyEPjMPHT_1ZhTRrnXA55R</a> |
|                                | <a href="https://www.youtube.com/watch?v=ku1KSgBfzs4&amp;list=PL23dd-8zssJAdGmsSofO4UaRyEXZDtm7a">https://www.youtube.com/watch?v=ku1KSgBfzs4&amp;list=PL23dd-8zssJAdGmsSofO4UaRyEXZDtm7a</a>   |
|                                | <a href="https://www.youtube.com/watch?v=rDDmPvSVAII&amp;list=PLEjRWorvdxL6ZDh5HbigDyuwgeW2WW0zs">https://www.youtube.com/watch?v=rDDmPvSVAII&amp;list=PLEjRWorvdxL6ZDh5HbigDyuwgeW2WW0zs</a>   |
| Number Theory                  | <a href="https://www.youtube.com/watch?v=ChG_7jeNRHo&amp;list=PLKVbzgfwpmAuz1l-mPBBi9JXECMjQ43Mi">https://www.youtube.com/watch?v=ChG_7jeNRHo&amp;list=PLKVbzgfwpmAuz1l-mPBBi9JXECMjQ43Mi</a>   |
|                                | <a href="https://www.youtube.com/watch?v=SFtuLlc8l7g&amp;list=PLC8P8xExqiuc7GC1H2qNMACugVUmvOUgq">https://www.youtube.com/watch?v=SFtuLlc8l7g&amp;list=PLC8P8xExqiuc7GC1H2qNMACugVUmvOUgq</a>   |
|                                | <a href="https://www.youtube.com/watch?v=Wg-JlvBVPi0&amp;list=PL22w63XsKjqwAgBzVfVqZNMcvKpOOAA7c">https://www.youtube.com/watch?v=Wg-JlvBVPi0&amp;list=PL22w63XsKjqwAgBzVfVqZNMcvKpOOAA7c</a>   |
| Complex Analysis               | <a href="https://www.youtube.com/watch?v=t9xW7UaZwZ0&amp;list=PLU6SqdYcYsfI3sh-ho_iiTkCGsTbVh_Sw">https://www.youtube.com/watch?v=t9xW7UaZwZ0&amp;list=PLU6SqdYcYsfI3sh-ho_iiTkCGsTbVh_Sw</a>   |
|                                | <a href="https://www.youtube.com/watch?v=ABNW9FcZ5zQ">https://www.youtube.com/watch?v=ABNW9FcZ5zQ</a>   |
|                                | <a href="https://www.youtube.com/watch?v=jm0JLx9cT5c&amp;list=PLVCBPCYGv7bBYULot9GNR0AW8ukryUplx">https://www.youtube.com/watch?v=jm0JLx9cT5c&amp;list=PLVCBPCYGv7bBYULot9GNR0AW8ukryUplx</a>   |

T.Y.Bsc

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|--------------------------|---|
| Real Analysis -2         | <a href="https://www.youtube.com/@MathematicsHelpline">https://www.youtube.com/@MathematicsHelpline</a>   |
|                          | <a href="https://www.youtube.com/@comsats-virtual-campus">https://www.youtube.com/@comsats-virtual-campus</a>   |
|                          | <a href="https://www.youtube.com/watch?v=WtyQ_HNPeFY">https://www.youtube.com/watch?v=WtyQ_HNPeFY</a>   |
| Ring Theory              | <a href="https://www.youtube.com/watch?v=BVf5FFIbaaQ&amp;list=PLU6SqDYcYsfLyL330UDwLrRvNvWbto7DR">https://www.youtube.com/watch?v=BVf5FFIbaaQ&amp;list=PLU6SqDYcYsfLyL330UDwLrRvNvWbto7DR</a>                         |
|                          | <a href="https://www.youtube.com/watch?v=Aegj0pm_mLU&amp;list=PLKR57ZbLAFd7Psru6vYB7FvPb83JEYL8o">https://www.youtube.com/watch?v=Aegj0pm_mLU&amp;list=PLKR57ZbLAFd7Psru6vYB7FvPb83JEYL8o</a>                         |
|                          | <a href="https://www.youtube.com/watch?v=YebbYXAqo1I&amp;list=PLKR57ZbLAFd7Psru6vYB7FvPb83JEYL8o&amp;index=4">https://www.youtube.com/watch?v=YebbYXAqo1I&amp;list=PLKR57ZbLAFd7Psru6vYB7FvPb83JEYL8o&amp;index=4</a> |
| Partial D .E.            | <a href="https://www.youtube.com/watch?v=vZEN4NXhmag&amp;list=PLU6SqDYcYsfJlJvy7Goi78EGwjPDQEnSw">https://www.youtube.com/watch?v=vZEN4NXhmag&amp;list=PLU6SqDYcYsfJlJvy7Goi78EGwjPDQEnSw</a>                         |
|                          | <a href="https://www.youtube.com/watch?v=JL5MP-ewE0c&amp;list=PLhSp9OSVmeyJoNnAgghUK-Lit3qBgfa6o">https://www.youtube.com/watch?v=JL5MP-ewE0c&amp;list=PLhSp9OSVmeyJoNnAgghUK-Lit3qBgfa6o</a>                         |
|                          | <a href="https://www.youtube.com/watch?v=dZOTzFOYfIY&amp;list=PLU6SqDYcYsfJlJvy7Goi78EGwjPDQEnSw&amp;index=2">https://www.youtube.com/watch?v=dZOTzFOYfIY&amp;list=PLU6SqDYcYsfJlJvy7Goi78EGwjPDQEnSw&amp;index=2</a> |
| Optimization Technicques | <a href="https://www.youtube.com/watch?v=84HOL_EiJ4M&amp;list=PLLtQL9wSL16ioUvHckGCKoWq_ClvyUIOp">https://www.youtube.com/watch?v=84HOL_EiJ4M&amp;list=PLLtQL9wSL16ioUvHckGCKoWq_ClvyUIOp</a>                         |
|                          | <a href="https://www.youtube.com/watch?v=6uoPgEXGAOE&amp;list=PLO-6jspot8AKI42-eZgxDCRW7W- T1Qq4">https://www.youtube.com/watch?v=6uoPgEXGAOE&amp;list=PLO-6jspot8AKI42-eZgxDCRW7W- T1Qq4</a>                         |
|                          | <a href="https://www.youtube.com/watch?v=awAywLKuEQ&amp;list=PLvfKBrFuxD065AT7q1Z0rDAj9kBnPnLOl">https://www.youtube.com/watch?v=awAywLKuEQ&amp;list=PLvfKBrFuxD065AT7q1Z0rDAj9kBnPnLOl</a>                           |
| Computational Geometry   | <a href="https://www.youtube.com/watch?v=3YFUQDRL1s4&amp;list=PLTZbNwgO5ebqdDy16sKYjmfCzkzoS0fxN">https://www.youtube.com/watch?v=3YFUQDRL1s4&amp;list=PLTZbNwgO5ebqdDy16sKYjmfCzkzoS0fxN</a>                         |
|                          | <a href="https://www.youtube.com/watch?v=A0DerMXE8Ls&amp;list=PLi7snlZMKRsZTJ9vnlZ9DNLxDrmd74z2U">https://www.youtube.com/watch?v=A0DerMXE8Ls&amp;list=PLi7snlZMKRsZTJ9vnlZ9DNLxDrmd74z2U</a>                         |
|                          | <a href="https://www.youtube.com/watch?v=7CtwuZJ18_Q&amp;list=PLubYOWSI9mIvTio-1bXWnhE9LdeXfox1z">https://www.youtube.com/watch?v=7CtwuZJ18_Q&amp;list=PLubYOWSI9mIvTio-1bXWnhE9LdeXfox1z</a>                         |
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