



TELANGANA SOCIAL WELFARE RESIDENTIAL ARMED FORCES  
PREPARATORY DEGREE COLLEGE FOR WOMEN, BHONGIR  
YADARI BHONGIR (DIST), TELANGANA, 508126



Affiliated to Mahatma Gandhi University, Nalgonda

DEPARTMENT OF PHYSICS

(T-SAT Classes)

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### T-SAT classes by students

#### TSAT-LIVE/ SUPER STUDENT

i) S. Pallavi (MPC, Batch: 2018-2021) was selected as super student for the academic year 2018 - 2019 and she gave lecture in T-SAT live on the topic "*Black hole*". V. Anusha, Faculty in physics mentored and helped her in the entire process.

**YouTube link:** <https://youtu.be/ptRgMQWl04o>



ii) S. Pallavi (MPC, Batch: 2018-2021) was selected as super student for the academic year 2019-2020 and she gave lecture in T- SAT live on the topic "*Maglev trains*" on 28-02-2020.

**YouTube link:** <https://youtu.be/gLjHchEAL0CU>



## REMARKABLE ACHIEVEMENTS IN PHYSICS

1) The concept in TSWR institutions "EARN WHILE YOU LEARN" provides opportunities to outstanding students of Degree colleges to participate in live teaching competitions on T-SAT channel as super students. We are extremely delighted to share that S. Pallavi and her Mentor K. Spandana, were the proud recipients of **SR Sankaran Super Student Lecture Trophy -2019 -2020**.



Sl. No.	Particulars	Name of the Winners & Runner-ups	Amount in Rupees as Cash Prizes	Name of the Principals of TSWRDCs to whose accounts cash-prizes are to be released
1	2	3	4	5
1	Winner Super Student	S.Pallavi B.Sc MPC-II, Bhongir.	Rs.35,000/-	Total amount of <b>Rs.70,000/-</b> To the PRINCIPAL, TSWAFPDCW, Bhongir.
2	Mentor Lecturer	K.Spandana, DL – Physics.	Rs.20,000/-	
3	Mentor Principal/Director	Major Usha K Sharma Director (MT)	Rs.15,000/-	

*K. Spandana*

Head, Dept. of Physics  
TSWRAFPDCW, Bhongir

**HEAD**  
Department of Physics  
TSWRAFPDCW

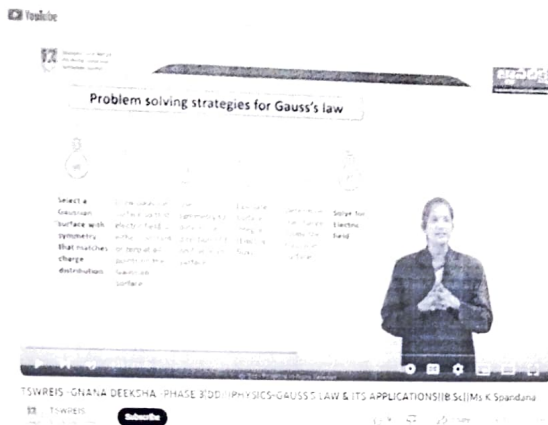
*Usha K Sharma*

Principal  
TSWRAFPDCW, Bhongir  
PRINCIPAL  
I.S.W.R.A.F.P.D.C.W  
BHONGIR.

# T-SAT classes by Faculty

K. Spandana, HOD, Department of Physics has given lecture in *Doordarshan (DD recording)* on the topic "Gauss's law and its applications" on June 17, 2021.

YouTube link: [https://youtu.be/wTfkZIRaupY?si=hyM\\_1iIxtKTCgEAX](https://youtu.be/wTfkZIRaupY?si=hyM_1iIxtKTCgEAX)



*K. S*

**Head, Dept. of Physics**  
**TSWRAFPDCW, Bhongir**  
**HEAD**  
**Department of Physics**  
**TSWRAFPDCW, Bhongir**

*K. S*

**Principal**  
**TSWRAFPDCW, Bhongir**  
**PRINCIPAL**  
**T.S.W.R.A.F.P.D.C.W**  
**BHONGIR.**



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**DEPARTMENT OF BOTANY**

**BOTANY -YOUTUBE CLASSES**

**DISK- BIE APP PREPARATION AND DIGITAL CLASSES**

Digital Study Kit (DISK) App is an initiative of Board of Intermediate Education, Telangana state. It aims to promote the vision of world class education in Telangana through quality leadership, support, services and continuous improvement of education. In the part of the preparation of the App, Dr. P. RUPA, Head, Department of Botany, TSWRAFPDCW, Bhongir dynamically involved in the monitoring of video classes of various science and arts subjects at intermediate level by coordinating with teaching faculty and DISK team and also actively implicated in delivering video classes of Botany subject for Intermediate. More than sixty digital classes of her are available in **YouTube** with various URL addresses. Delivered video classes of Botany subject for Intermediate under Digital Study Kit (DISK) App is an initiative of Board of Intermediate Education, Telangana state. Botany classes you tube links are provided below.

S.No.	Youtube ink	Topic	Presented by
1	<a href="https://youtu.be/1yXBc5lkggk?si=qW5mA9TGfvrnRG_r">https://youtu.be/1yXBc5lkggk?si=qW5mA9TGfvrnRG_r</a>	Electron Transport System    Electron Transport chain	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
2	<a href="https://youtu.be/Medzi5y--KE?si=eJBQZK3xmLduam7P">https://youtu.be/Medzi5y--KE?si=eJBQZK3xmLduam7P</a>	WHAT IS LIGHT REACTION    Dark reaction 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
3	<a href="https://youtu.be/q-cySjSz1Y8?si=MHapzEaBv5x4Hw">https://youtu.be/q-cySjSz1Y8?si=MHapzEaBv5x4Hw</a>	Glycolysis 5	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
4	<a href="https://youtu.be/RyNuQRZhc28?si=PEEMSSv73Lnr1MDK">https://youtu.be/RyNuQRZhc28?si=PEEMSSv73Lnr1MDK</a>	WHAT IS LIGHT REACTION    Light reaction and Dark reaction	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir

5	<a href="https://youtu.be/MZpaZEnszmE?si=SOtEGbtXUznPvag4">https://youtu.be/MZpaZEnszmE?si=SOtEGbtXUznPvag4</a>	PHOTO RESPIRATION	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
6	<a href="https://www.youtube.com/watch?v=1IGbRQx0TPk">https://www.youtube.com/watch?v=1IGbRQx0TPk</a>	Opening closing of stomata	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
7	<a href="https://www.youtube.com/watch?v=-IXP76RpO2U">https://www.youtube.com/watch?v=-IXP76RpO2U</a>	Uptake and transport of minerals	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
8	<a href="https://youtu.be/vOP-3fv89Nk?si=by3kV7zGdG5hdX7H">https://youtu.be/vOP-3fv89Nk?si=by3kV7zGdG5hdX7H</a>	Openingandclosingof stomata - Transpiration-1	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
9	<a href="https://youtu.be/jWnCxaGdc0?si=0fgNIY04WYqwoCaQ">https://youtu.be/jWnCxaGdc0?si=0fgNIY04WYqwoCaQ</a>	PRINCIPLES OF BIOTECHNOLOGY	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
10	<a href="https://youtu.be/_mmAeFuv8l0?si=JMQKzNzzS366TZqL">https://youtu.be/_mmAeFuv8l0?si=JMQKzNzzS366TZqL</a>	WHERE ARE THE ATP AND NADPH USED ?    c3 cycle 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
11	<a href="https://youtu.be/Zop9lJbcngM?si=KwB27nHHfoZCIRVn">https://youtu.be/Zop9lJbcngM?si=KwB27nHHfoZCIRVn</a>	WHERE ARE THE ATP AND NADPH USED ?    C3 cycle 4	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
12	<a href="https://youtu.be/UgwcaK_LUDg?si=4-aNLv3lkx-fhRtr">https://youtu.be/UgwcaK_LUDg?si=4-aNLv3lkx-fhRtr</a>	ESSENTIAL MINERAL ELEMENTS    MICRO NUTRIENTS AND MACRO NUTRNTS 5	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
13	<a href="https://youtu.be/_WVSwIGrD_M?si=sZpNNZB_99VX8u-U">https://youtu.be/_WVSwIGrD_M?si=sZpNNZB_99VX8u-U</a>	METABOLISM OF NITROGEN    Syn of A as	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
14	<a href="https://youtu.be/eOMey6EWktg?si=xBCpCmtyYgko-dst">https://youtu.be/eOMey6EWktg?si=xBCpCmtyYgko-dst</a>	MICROBES AS BIO CONTROL AGENTS    BIO CONTROL AGENTS	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
15	<a href="https://youtu.be/oeTNolcdppM?si=nAQnxOHlcKsaiWDM">https://youtu.be/oeTNolcdppM?si=nAQnxOHlcKsaiWDM</a>	DEVIATIONS FROM MENDALIAN CONCEPT OF DOMINANCE    CONCEPT OF DOMINANCE	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir

16	<a href="https://youtu.be/9RwP93kvu8Y?si=Xh1bwTgmAlKkaW8y">https://youtu.be/9RwP93kvu8Y?si=Xh1bwTgmAlKkaW8y</a>	STRUCTURE OF VIRUSES    STRUCTURE OF VIRUS	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
17	<a href="https://youtu.be/NY7A61tWWbA?si=XOHR8ywB8uvMAyko">https://youtu.be/NY7A61tWWbA?si=XOHR8ywB8uvMAyko</a>	MEANS OF TRANSPORT    Transport in plants	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
18	<a href="https://youtu.be/G5abyj_cxj8?si=He1KcKahv1rBdw37">https://youtu.be/G5abyj_cxj8?si=He1KcKahv1rBdw37</a>	TOOLS OF RECOMBINANT    TOOLS 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
19	<a href="https://youtu.be/CLUK2-1xmpY?si=Hi7IOurbndxN3puD">https://youtu.be/CLUK2-1xmpY?si=Hi7IOurbndxN3puD</a>	TOOLS OF RECOMBINANT    TOOLS 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
20	<a href="https://youtu.be/NY7A61tWWbA?si=shpk82MXKpnrqJm">https://youtu.be/NY7A61tWWbA?si=shpk82MXKpnrqJm</a>	MEANS OF TRANSPORT    Transport in plants	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
21	<a href="https://youtu.be/_mmAeFuv8l0?si=B5QFnbF8n9C_o767">https://youtu.be/_mmAeFuv8l0?si=B5QFnbF8n9C_o767</a>	WHERE ARE THE ATP AND NADPH USED ?    c3 cycle 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
22	<a href="https://youtu.be/Zop9lJbcngM?si=-v9qtVNLKZLqmvDC">https://youtu.be/Zop9lJbcngM?si=-v9qtVNLKZLqmvDC</a>	WHERE ARE THE ATP AND NADPH USED ?    C3 cycle 4	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
23	<a href="https://youtu.be/TNa8MdnfUcc?si=x4Gy9KWXiXnX1SUV">https://youtu.be/TNa8MdnfUcc?si=x4Gy9KWXiXnX1SUV</a>	Genetic code	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
24	<a href="https://youtu.be/3GAclJ1mUiw?si=5_9v4y1yP68kTgex">https://youtu.be/3GAclJ1mUiw?si=5_9v4y1yP68kTgex</a>	GENETIC CODE    GENETIC CODE 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
25	<a href="https://youtu.be/ESir3UnvLvY?si=9_klvG_eDPGqVTQh">https://youtu.be/ESir3UnvLvY?si=9_klvG_eDPGqVTQh</a>	TOOLS OF RECOMBINANT    RESTRICTION ENZYMES	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
26	<a href="https://youtu.be/v6dZOTEEe0?si=eBZCfzBaf2lz-lqK">https://youtu.be/v6dZOTEEe0?si=eBZCfzBaf2lz-lqK</a>	MICROBES IN SEWAGE TREATMENT    MICROBES IN SEWAGE TREATMENT	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir


27	<a href="https://youtu.be/xkwwghnE-wE?si=DVN18Fjt5ax8506N">https://youtu.be/xkwwghnE-wE?si=DVN18Fjt5ax8506N</a>	TOOLS OF RECOMBINANT    CLONING VECTORS	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
28	<a href="https://youtu.be/ZEqD0cx7AX0?si=izjtYYlo5cY4MKCx">https://youtu.be/ZEqD0cx7AX0?si=izjtYYlo5cY4MKCx</a>	MENDEL'S EXPERIMENTS    MENDEL'S EXPERIMENT	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
29	<a href="https://youtu.be/nKipKfDnUIY?si=ItXz4IDA6SX8LzkJ">https://youtu.be/nKipKfDnUIY?si=ItXz4IDA6SX8LzkJ</a>	PLANT GROWTH REGULATORS    AUXINS	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
30	<a href="https://youtu.be/W80MI6eEn7c?si=Gj6qvo0l2EbkbFe">https://youtu.be/W80MI6eEn7c?si=Gj6qvo0l2EbkbFe</a>	WHAT IS THE SITE OF PHOTOSYNTHESIS    structure of chloroplast	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
31	<a href="https://youtu.be/vueblVBI87s?si=thOF_ agkTjz3E7cK">https://youtu.be/vueblVBI87s?si=thOF_ agkTjz3E7cK</a>	MULTIPLICATION OF BACTERIO PHAGES    BACTERIA PHAGE    DISK TELANGANA	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
32	<a href="https://youtu.be/2dirNBe-pf4?si=UnV3P5ERalbshrAJ">https://youtu.be/2dirNBe-pf4?si=UnV3P5ERalbshrAJ</a>	Viral Diseases in Plants    Viral Diseases in Plants	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
33	<a href="https://youtu.be/bNoye-R4hyA?si=5EDmQaCb6gE9UgxI">https://youtu.be/bNoye-R4hyA?si=5EDmQaCb6gE9UgxI</a>	HOW MANY PIGMENTS    Chlorophyll pigments 1	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
34	<a href="https://youtu.be/NgyKJSexYaq?si=VfIFXrPKylyZBCbK">https://youtu.be/NgyKJSexYaq?si=VfIFXrPKylyZBCbK</a>	ESSENTIAL MINERAL ELEMENTS	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
35	<a href="https://youtu.be/7NLIDzILXqM?si=KTcxJF8igG7QfR0w">https://youtu.be/7NLIDzILXqM?si=KTcxJF8igG7QfR0w</a>	HOW MANY PIGMENTS    Chlorophyll pigments 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
36	<a href="https://youtu.be/hf6gmaNycTc?si=T0mux08BPDWKvFu5">https://youtu.be/hf6gmaNycTc?si=T0mux08BPDWKvFu5</a>	HOW MANY PIGMENTS    Chlorophyll pigments 4	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
37	<a href="https://youtu.be/0NauZ1FKUFg?si=AWWutB9dwm9FrCYE">https://youtu.be/0NauZ1FKUFg?si=AWWutB9dwm9FrCYE</a>	MENDEL'S EXPERIMENTS    MENDEL'S EXPERIMENTS 4	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir

38	<a href="https://youtu.be/ViVNioeuT_I?si=IEY-KbAwMVepkCgf">https://youtu.be/ViVNioeuT_I?si=IEY-KbAwMVepkCgf</a>	TISSUE CULTURE    TISSUE CULTURE 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
39	<a href="https://youtu.be/N9Dxo5bplOk?si=HbTI8e8DbM7gZlh">https://youtu.be/N9Dxo5bplOk?si=HbTI8e8DbM7gZlh</a>	TISSUE CULTURE    TISSUE CULTURE 4	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
40	<a href="https://youtu.be/ANF1LHaNwJc?si=tg8npOsvdJyejujM">https://youtu.be/ANF1LHaNwJc?si=tg8npOsvdJyejujM</a>	MORPHOLOGY OF BACTERIA	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
41	<a href="https://youtu.be/7Mu5VOZD7gQ?si=EJ0mbwr33ucpJQTX">https://youtu.be/7Mu5VOZD7gQ?si=EJ0mbwr33ucpJQTX</a>	THE ELECTRON TRANSPORT    Z scheme	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
42	<a href="https://youtu.be/WTGw3cOmTHY?si=rokkYBwJplnycufE">https://youtu.be/WTGw3cOmTHY?si=rokkYBwJplnycufE</a>	WHAT IS THE SITE OF PHOTOSYNTHESIS    photosynthesis in higherplants 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
43	<a href="https://youtu.be/VVklkmDpr7w?si=fDBSm2dScywZPFx7">https://youtu.be/VVklkmDpr7w?si=fDBSm2dScywZPFx7</a>	ESSENTIAL MINERAL ELEMENTS    MACRO NUTRIENTS AND MACRO NUTRNTS	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
44	<a href="https://youtu.be/Mu_g4gY-4Kw?si=tN4Psr1q8NAZgz06">https://youtu.be/Mu_g4gY-4Kw?si=tN4Psr1q8NAZgz06</a>	WHAT IS THE SITE OF PHOTOSYNTHESIS    Chloroplast str	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
45	<a href="https://youtu.be/bqHSRP2YtxQ?si=htY03fikMBKMkdnh">https://youtu.be/bqHSRP2YtxQ?si=htY03fikMBKMkdnh</a>	EARLY EXPERIMENTS    purple green bacteria	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
46	<a href="https://youtu.be/Ucvrth-4nP?si=sbRxaiC8yWxfJ190">https://youtu.be/Ucvrth-4nP?si=sbRxaiC8yWxfJ190</a>	EARLY EXPERIMENTS    engleman experiment 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
47	<a href="https://youtu.be/rPT755GpFUK?si=J0jtF_lsq6EGEq-9">https://youtu.be/rPT755GpFUK?si=J0jtF_lsq6EGEq-9</a>	PLANT WATER RELATIONS    Facilitated Diffusion 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
48	<a href="https://youtu.be/eV2ZUdvGGdM?si=Z8Y4uY7y_JOsNtvN">https://youtu.be/eV2ZUdvGGdM?si=Z8Y4uY7y_JOsNtvN</a>	MORPHOLOGY OF BACTERIA    BACILLUS 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir



49	<a href="https://youtu.be/u2QOwAaAeUE?si=nvFC1adCtJ_GTZ0a">https://youtu.be/u2QOwAaAeUE?si=nvFC1adCtJ_GTZ0a</a>	MEANS OF TRANSPORT    Diffusion 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
50	<a href="https://youtu.be/dCpHhu4hzxc?si=Jfg9X6Kryl8r-h3Q">https://youtu.be/dCpHhu4hzxc?si=Jfg9X6Kryl8r-h3Q</a>	WHAT IS LIGHT REACTION    Dark Reaction 1	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
51	<a href="https://youtu.be/ydo-OfFBTKE?si=z2g-UKPhGcBTh2UV">https://youtu.be/ydo-OfFBTKE?si=z2g-UKPhGcBTh2UV</a>	WHAT IS LIGHT REACTION    Dark reaction 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
52	<a href="https://youtu.be/mTTSWBOxVmY?si=QKxTmF21Vp6MTlor">https://youtu.be/mTTSWBOxVmY?si=QKxTmF21Vp6MTlor</a>	WHAT IS LIGHT REACTION    Dark reaction 4	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
53	<a href="https://youtu.be/EAT_xz1Mn7k?si=8AZ8s3DO5117xVQD">https://youtu.be/EAT_xz1Mn7k?si=8AZ8s3DO5117xVQD</a>	WHAT IS LIGHT REACTION    Dark reaction 5	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
54	<a href="https://youtu.be/4E3iRzN_IsA?si=42IBZabaErURqqIG">https://youtu.be/4E3iRzN_IsA?si=42IBZabaErURqqIG</a>	EARLY EXPERIMENTS    Light Reaction 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
55	<a href="https://youtu.be/YQdU4ZE_Jbg?si=OHIJZh05Rpw9BZYQ">https://youtu.be/YQdU4ZE_Jbg?si=OHIJZh05Rpw9BZYQ</a>	WHAT IS THE SITE OF PHOTOSYNTHESIS    photosynthesis in higher plants 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
56	<a href="https://youtu.be/uLAfko0Loy0?si=7x4gKalzgQ7AwAK1">https://youtu.be/uLAfko0Loy0?si=7x4gKalzgQ7AwAK1</a>	FACTORS AFFECTING PHOTOSYNTHESIS    Factors Affecting Photosynthesis	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
57	<a href="https://youtu.be/1AZx_hBgs9o?si=SbdDVAmGshRyh-Bk">https://youtu.be/1AZx_hBgs9o?si=SbdDVAmGshRyh-Bk</a>	FACTORS AFFECTING PHOTOSYNTHESIS    Factors Affecting Photosynthesis 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
58	<a href="https://youtu.be/fHRcIC76j8U?si=e9gh1YnP4j4MS_xj">https://youtu.be/fHRcIC76j8U?si=e9gh1YnP4j4MS_xj</a>	C4 PATHWAY    Photosynthesis in higher plants	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir
59	<a href="https://youtu.be/vDdvPOUnOSE?si=bEVin5mGH7ENsFIE">https://youtu.be/vDdvPOUnOSE?si=bEVin5mGH7ENsFIE</a>	WHERE ARE THE ATP AND NADPH USED ?    C3 cycle 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir

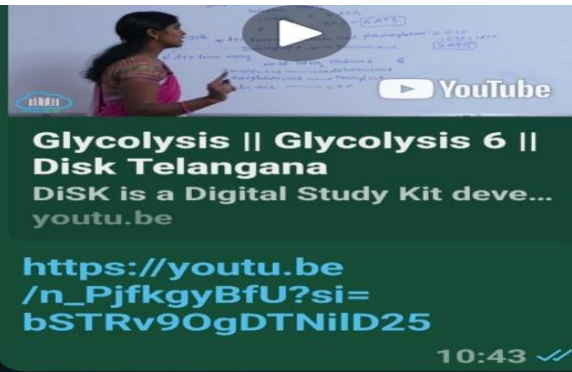
60	<a href="https://youtu.be/zqiynW_ZTXA?si=BWfSc5rwWYOdYiHR">https://youtu.be/zqiynW_ZTXA?si=BWfSc5rwWYOdYiHR</a>	EARLY EXPERIMENTS    Mohls half leaf experiment	Dr. P. Rupa, Head, Department of Botany, TSWRAFPCDW, Bhongir
61	<a href="https://youtu.be/atlIFSRJaRWU?si=FZKKF6OLFXSS723q">https://youtu.be/atlIFSRJaRWU?si=FZKKF6OLFXSS723q</a>	ESSENTIAL MINERAL ELEMENTS    MACRONUTRENTS Mg 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPCDW, Bhongir
62	<a href="https://youtu.be/gjXl7YqNQLA?si=dvCa8K6hzujZQoQr">https://youtu.be/gjXl7YqNQLA?si=dvCa8K6hzujZQoQr</a>	THE ELECTRON TRANSPORT    Z scheme 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPCDW, Bhongir
64	<a href="https://youtu.be/S3Cr2nyPGTs?si=OmNiBCBp3bFvmCji">https://youtu.be/S3Cr2nyPGTs?si=OmNiBCBp3bFvmCji</a>	THE ELECTRON TRANSPORT    Z scheme 3	Dr. P. Rupa, Head, Department of Botany, TSWRAFPCDW, Bhongir
65	<a href="https://youtu.be/CLvYiia_-4?si=YdLUpp3CthiBV0WQ">https://youtu.be/CLvYiia_-4?si=YdLUpp3CthiBV0WQ</a>	THE ELECTRON TRANSPORT    diff bw ps I and Ps II	Dr. P. Rupa, Head, Department of Botany, TSWRAFPCDW, Bhongir
66	<a href="https://youtu.be/tBONL35k70Y?si=di6FcGnDyagg9lkr">https://youtu.be/tBONL35k70Y?si=di6FcGnDyagg9lkr</a>	Electron Transport System    Electron Transport chain 2	Dr. P. Rupa, Head, Department of Botany, TSWRAFPCDW, Bhongir



**FACTORS AFFECTING PHOTOSYNTHESIS || Fact...**  
DiSK is a Digital Study Kit deve...  
youtu.be

<https://youtu.be/uLAfko0Loy0?si=7x4gKaJzgQ7AwAK1>


12:43 ✓



**Glycolysis || Glycolysis 6 || Disk Telangana**  
DiSK is a Digital Study Kit deve...  
youtu.be

[https://youtu.be/n\\_PjfkgyBfU?si=bSTRv9OgDTNiID25](https://youtu.be/n_PjfkgyBfU?si=bSTRv9OgDTNiID25)

10:43 ✓



**REPRODUCTION || SEXUAL REPRODUCTION...**  
DiSK is a Digital Study Kit deve...  
youtu.be

[https://youtu.be/nObej\\_YuMKo?si=](https://youtu.be/nObej_YuMKo?si=)

**TOOLS OF RECOMBINANT  
|| TOOLS 2 || Disk Telanga...**  
DiSK is a Digital Study Kit deve...  
youtu.be

[https://youtu.be/G5abyj\\_cxj8?si=He1KcKahv1rBdw37](https://youtu.be/G5abyj_cxj8?si=He1KcKahv1rBdw37)

11:38 ✓



**TOOLS OF RECOMBINANT  
|| TOOLS 3 || Disk Telanga...**  
DiSK is a Digital Study Kit deve...  
youtu.be

<https://youtu.be/CLUK2-1xmpY?si=Hi7iOurbndxN3puD>

11:39 ✓



**MORPHOLOGY OF  
BACTERIA || BACILLUS 2 ...**  
DiSK is a Digital Study Kit deve...  
youtu.be

[https://youtu.be/eV2ZUdvGGdM?si=Z8Y4uY7y\\_JOsNtvN](https://youtu.be/eV2ZUdvGGdM?si=Z8Y4uY7y_JOsNtvN)



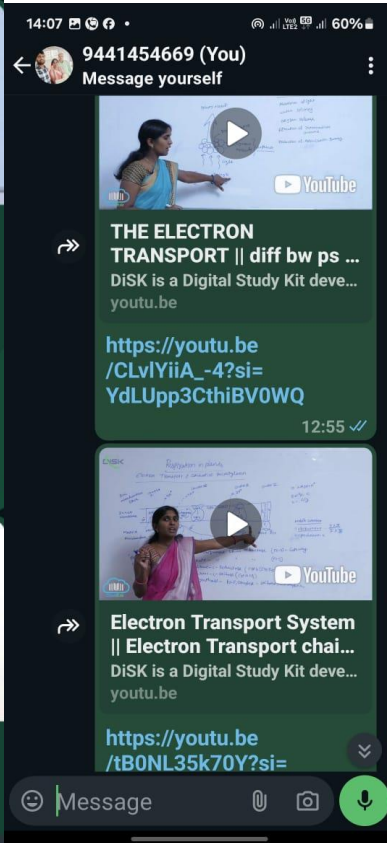
**TISSUE CULTURE ||  
TISSUE CULTURE 4 || Dis...**  
DiSK is a Digital Study Kit deve...  
youtu.be

<https://youtu.be/N9Dxo5bpIOk?si=HbTI8e8DbM7gGZlh>

12:13 ✓



**MORPHOLOGY  
OF BACTERIA || MORPHO...**  
DiSK is a Digital Study Kit deve...  
youtu.be



**THE ELECTRON  
TRANSPORT || Z Scheme ...**  
DiSK is a Digital Study Kit deve...  
youtu.be

<https://youtu.be/iDP12LsS9f4?si=uOvFokfEzhLiJV6P>

12:52 ✓



**THE ELECTRON  
TRANSPORT || Z scheme ...**  
DiSK is a Digital Study Kit deve...  
youtu.be

<https://youtu.be/S3Cr2nyPGTs?si=>

*P. R. Lakshmi*  
**HEAD**  
Department of Botany  
TSWRAFPDCW, Bhongir



*Principal*  
**Principal**  
T.S.W.R.A.F.P.D.C.W.  
BHONGIR



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YADADRI BHONGIR (DIST), TELANGANA, 508126



**Affiliated to Mahatma Gandhi University, Nalgonda**

E-mail: [pri-rdcw-bngiri-swrs@telangana.gov.in](mailto:pri-rdcw-bngiri-swrs@telangana.gov.in) Website: <https://rdcwbhongir.tswreis.ac.in>

## DEPARTMENT OF BOTANY

### GHANA DEEKSHA PHASE-I & T-SAT PRESENTATION

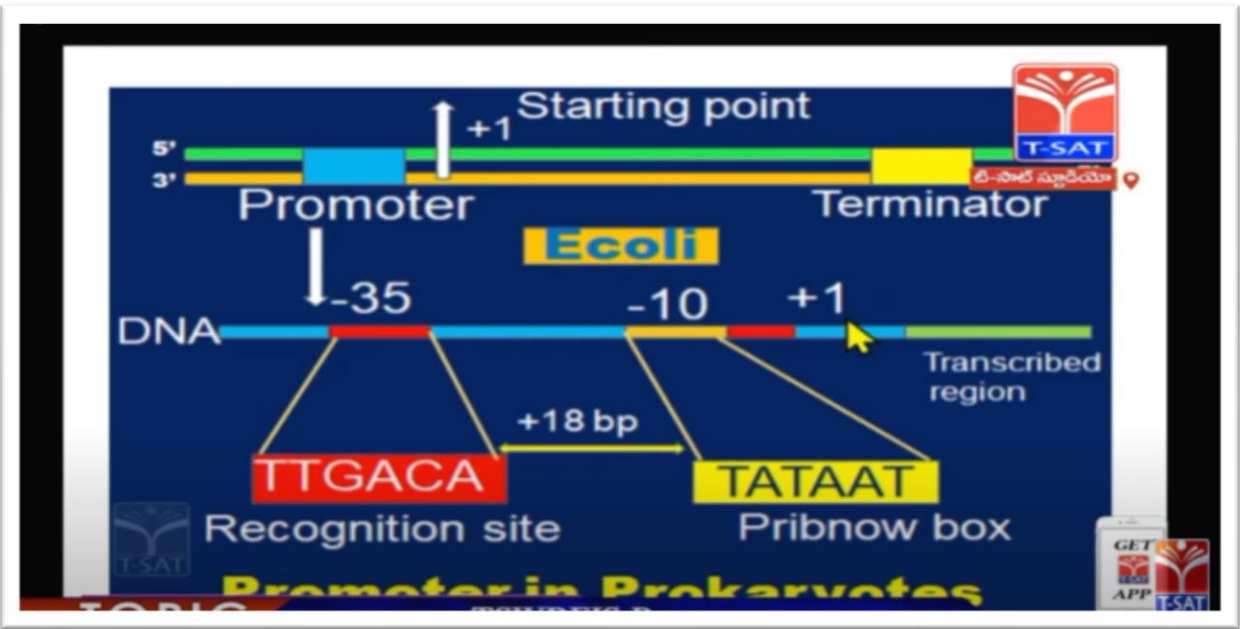
**Dated : 11 May 2020.**

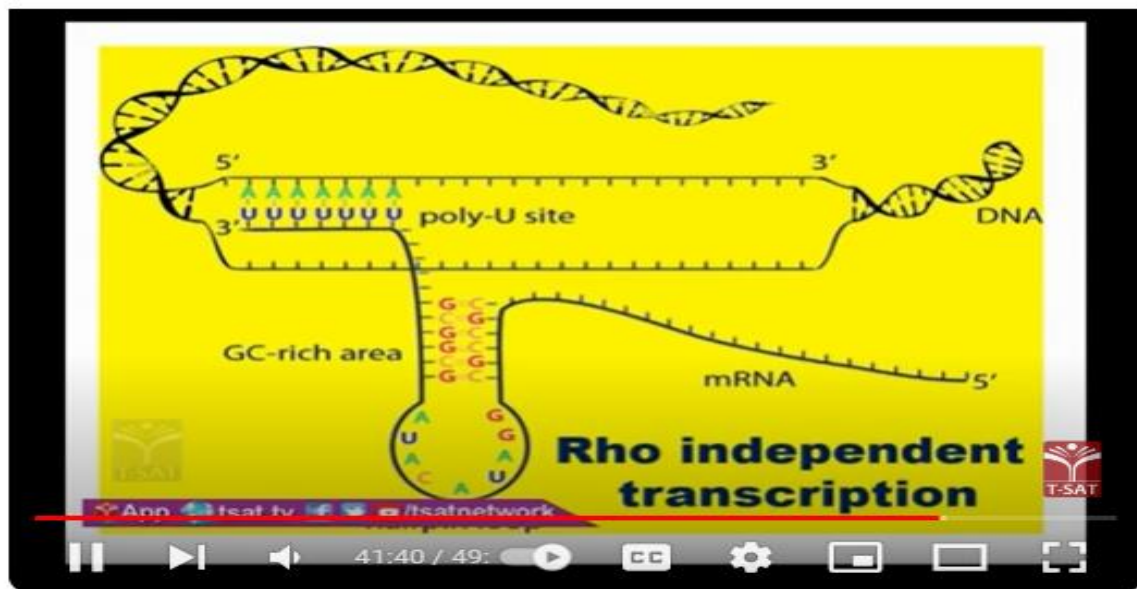
**Topic: Transcription**

**Delivered by: Dr. P.Rupa, Head, Department of Botany, TSWRAFPDCW, Bhongir.**

You tube link: <https://youtu.be/WMty6rS0ljw?si=mopyO1UKaoIQfTx9>





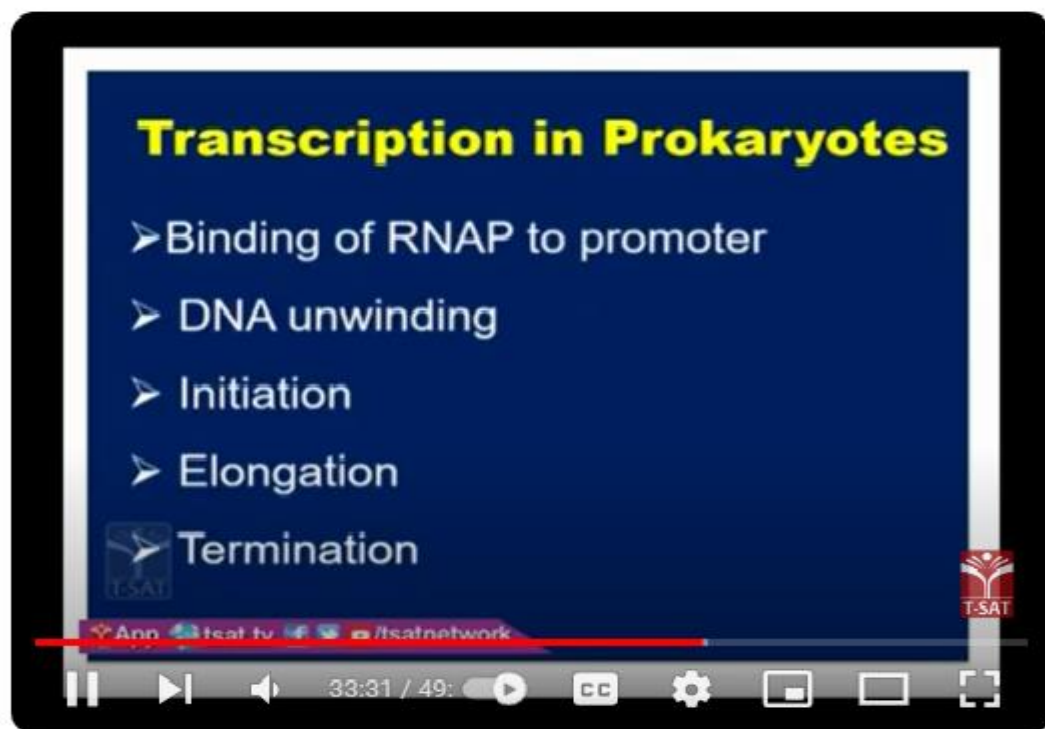


TSWREIS - GNAANA DEEKSHA || Botany - Transcription ||  
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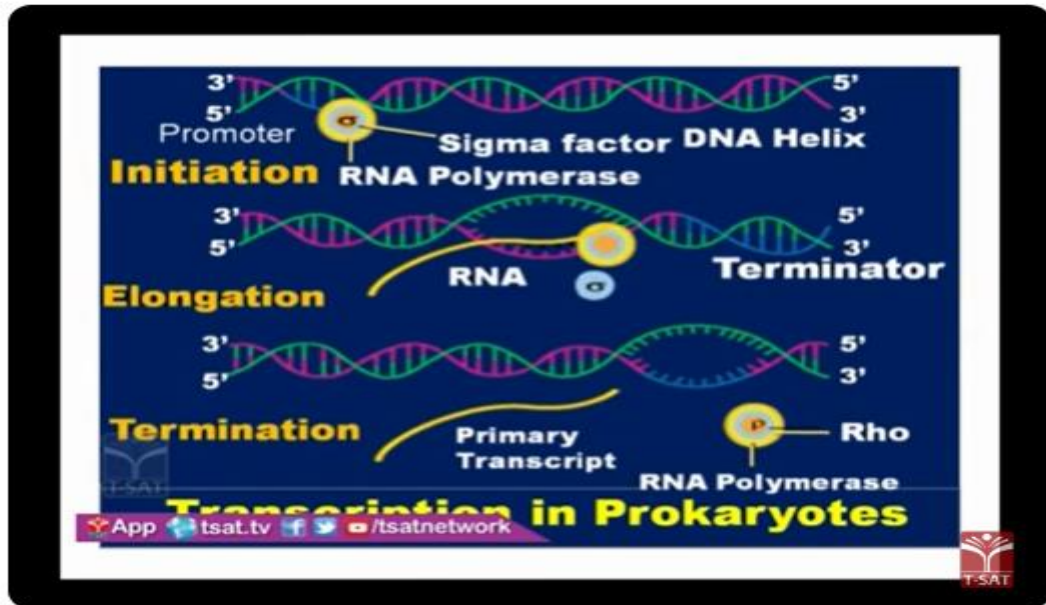


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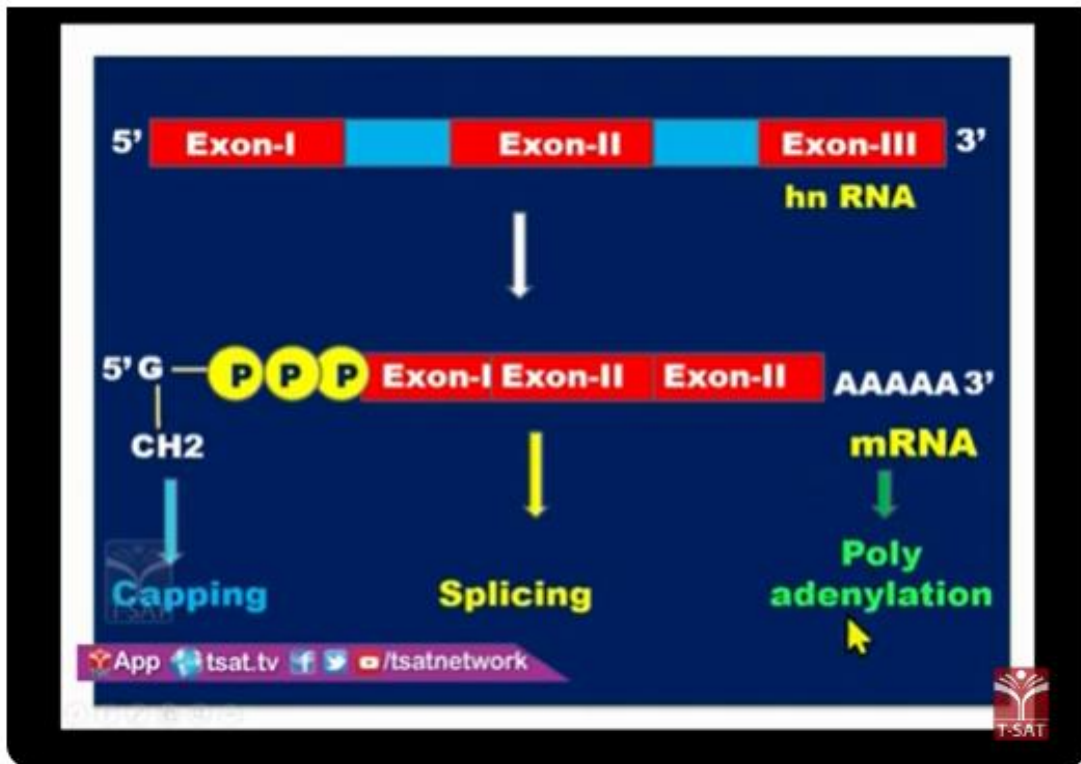


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Dr. R.S. Praveen Kumar, IPS.,  
Secretary



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DEPARTMENT OF SCHEDULED  
CASTE DEVELOPMENT

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Tel: +91 40 23306064, 23391598

Fax: +91 40 23313136

E-mail: praveenips@gmail.com

E-mail: praveen\_r\_s@hks12.harvard.edu

www.tswreis.in

## Commendation Letter

Lr.No.Secy/Peshi-446/2020, dt. 26.06.2020

Dear *Rupa,*

I am pleased to know that with your meticulous preparation and flawless presentation of lessons on T SAT under "Gnana Dheeksha" – 2020 programme was remarkably successful. This programme, live telecasted during the Covid 19 lockdown, won accolades from our students, parent community, teachers, officers and other well wishers.

The learning progression of our students were in jeopardy and uncertain during the unprecedented lock down. Your hard work and dedication to continue the work for the underprivileged students through T SAT has come as a ray of hope for these students. I appreciate and congratulate you for the efforts and sincerity in successfully conducting these classes for the students of our residential degree colleges.

Your stimulating service during the trying times has set an example for the other employees to follow. I am proud to have dedicated lecturers like you in our Society. I hope you will continue to be conspicuous in whatever you do and be a beacon of hope. Keep inspiring your colleagues!

Thank you.

*Best,*

Yours Sincerely,

*(Signature)*  
(Dr. R S Praveen Kumar)

To  
Dr. P.Rupa,  
Lecturer in Botany,  
TSWRAFPDCW, Bhongir,  
Yadadri District.







# CERTIFICATE OF APPRECIATION

THIS CERTIFICATE IS AWARDED TO

**Dr. Putta Rupa**

TSWRAFPDCW, Bhongir

For their contribution to the TSWREIS GyanaDeeksha program to deliver  
online lectures through T-SAT channel during the CoVID-19 pandemic

**JOINT SECRETARY (H E)**  
TSWREIS



22/32

**HEAD**  
Department of Botany  
TSWRAFPDCW, Bhongir



**Principal**  
T.S.W.R.A.F.P.D.C.W.  
BHONGIR



**TELANGANA SOCIAL WELFARE RESIDENTIAL ARMED FORCES  
PREPARATORY DEGREE COLLEGE FOR WOMEN, BHONGIR  
YADARI BHONGIR (DIST), TELANGANA, 508126**



**Affiliated to Mahatma Gandhi University, Nalgonda**

**DEPARTMENT OF ZOOLOGY**

**STUDENT- TEACHER PRACTICES**

**TSAT LECTURES**

**Super student Program**

'S.R.Sankaran Super Student Trophy' is one of the unique experiments, the TSWREI Society has introduced with incredible success. This one of its kind "Earn While You Learn" innovative programme, the brilliant students who have a talent for teaching skills teach their peers in a live interactive telecast **TSAT channel**.

The 'Super Student' program has attracted the attention of many experts and experimentalists in pedagogy. This program became an inspiring model for others to emulate and stimulated keen interest among the students in learning through teaching. The best Super Students were given cash prizes besides a certificate of commendation.

<b>Student Name</b>	<b>Mentor Faculty</b>	<b>Achievement</b>
G. Chamundeshwari Devi	V.Jyothi & E. Jyothi	Selected for Super student (2018-19) and has given a T-SAT lecture on the topic "Has Climate Change Endangered Animal Species ?" on 02/01/2019.
K. Sai Priya	Dr. K. Srilatha	Selected for Super student (2019-20) and has given a T-SAT lecture on the topic "Migration of Birds and their Scientific reasons" on 03/03/2020.

✚ **G. Chamundeshwari Devi** selected as super student for the academic year 2018 -2019 in **Zoology** on the topic **“Has Climate Change Endangered Animal Species ?”** and she gave lecture in T-SAT live on 02/01/2019.

[TSWREIS || Zoology - Has Climate Change Endangered Animal Species ? || Live With Chamundeshwari Devi \(youtube.com\)](#)



[Climate change](#)  
United Nations • Climate change refers to long-term shifts in temperatures and weather patterns. Human activities have been the main driver of climate change, primarily due to the burning of fossil fuels like coal, oil and gas.

**TSWREIS || Zoology - Has Climate Change Endangered Animal Species ? || Live With Chamundeshwari Devi**



[Climate change](#)  
United Nations • Climate change refers to long-term shifts in temperatures and weather patterns. Human activities have been the main driver of climate change, primarily due to the burning of fossil fuels like coal, oil and gas.

**TSWREIS || Zoology - Has Climate Change Endangered Animal Species ? || Live With Chamundeshwari Devi**



✚ **K. Sai Priya** of MZC I, selected for Super student programme in the subject Zoology and presented a lecture in T-SAT Nipuna channel in February 2020.

Topic: “Migration of Birds and their Scientific Reasons”

✚ Mentor: Dr. K. Srilatha, Zoology Department

✚ Link: <https://www.youtube.com/watch?v=-SJAkJellGk>

Initially, at college level, out of 7 students’ participation in super student competition, K. Saipriya, MZC-I got selected and competed in Zonal level. Among many participants of approximately 45 students in Zoology subject, she successfully given her presentation and got selected for final level. She gave her presentation on the topic “Migration of Birds & their scientific reasons” in TSAT channel and got appreciation from honorable secretary Dr. R. S.Praveen Kumar sir.

The image is a screenshot of a YouTube video. At the top, there is a YouTube logo and a search bar. The video content shows a young woman in a light-colored T-SAT uniform with a maroon beret, standing in front of a screen. The screen displays a 'SUPER STUDENTS' banner with several portraits and the text 'LECTURE SERIES 2019-20'. Below the banner, a name tag reads 'K. SAI PRIYA, B.SC(M.Z.C) I YEAR TSWRAFPDW, BHONGIR.' To the right of the student is a circular logo for 'TSWREIS' (Tamil Welfare Residential Educational Institutions Society). At the bottom of the video player, there are playback controls and a progress bar showing 0:42 / 20:37. Below the video, the title 'TSWREIS || Zoology - Migration of Birds & Scientific Reasons? || B.Sc(MZC) 1st Year' is displayed. Underneath the title, the channel name 'T-SAT Network' is shown with 789K subscribers and a 'Subscribe' button. To the right of the channel name are icons for likes (27), comments, share, and download. At the bottom left of the video area, it says '1,196 views Mar 3, 2020 TSWREIS'.

K. Sai Priya receiving Cash prize & Certificate from Honorable Secretary, Dr. R. S. Praveen Kumar Sir

Dr. K. Srilatha, Faculty, HOD, Zoology Dept., receiving Certificate from Honorable Secretary, Dr. R. S. Praveen Kumar Sir

## Virtual screening of super student selections for the year 2021

Date: May 12<sup>th</sup>, 2021

Time: 7.00 PM

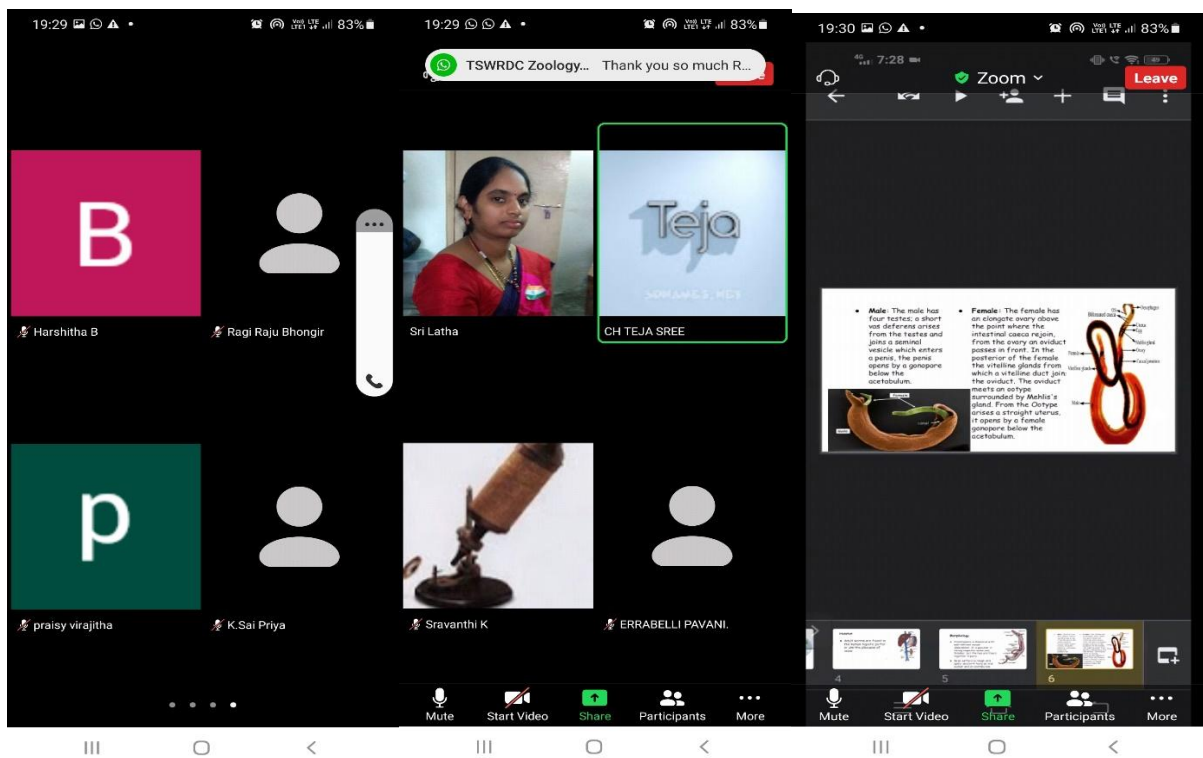
Platform: Zoom meeting

No of Students participated: 5

No. of students selected with name & topic: 1, E. Pavani, BZC I,

Topic: Types of Scales & Fins.

Every year the super student's competition occurs at college level to assess the performances in particular subject. Due to Pandemic, this year head office decided to conduct the super student selection process through virtual screening. We the department of Zoology conducted super student selections on 12<sup>th</sup> may, 2021 and E. Pavani, BZC I, got selected for Zonal level competitions.



S. No.	Student	Degree	Institution	Topic	Abstract	Link
64	B.Sravanthi	MSCS III	Jagityal	Statistics	Link Mining: A New Data Mining Challenge	<a href="https://drive.google.com/file/d/3rj03abvVb5aL5t1ORoNuMcsNoAaH-y5uLD/view?usp=sharing">https://drive.google.com/file/d/3rj03abvVb5aL5t1ORoNuMcsNoAaH-y5uLD/view?usp=sharing</a>
65	Gorremuchu Spandana	BCOM(CA) III	Kotthagudem	Commerce	Streamers: the new wave of digital entrepreneurship? Extant corpus and research agenda	<a href="https://drive.google.com/file/d/1tdEwDMrp7Y2kdo5CeppDVld-IB_cGEn/view?usp=sharing">https://drive.google.com/file/d/1tdEwDMrp7Y2kdo5CeppDVld-IB_cGEn/view?usp=sharing</a>
66	G.Manasa	BA I	Warangal East	History	The historical context of Andhra and Telangana, 1949-56	<a href="https://drive.google.com/file/d/1dYJr17xyYtvmFJW0eC7rajaWXniZ8gt/view?usp=sharing">https://drive.google.com/file/d/1dYJr17xyYtvmFJW0eC7rajaWXniZ8gt/view?usp=sharing</a>
67	T.Amulya	BA (HEP) II	Karimnagar	Economics	A CASE STUDY OF AMUL CO-OPERATIVE IN INDIA IN RELATION TO ORGANIZATIONAL DESIGN AND OPERATIONAL EFFICIENCY	<a href="https://drive.google.com/file/d/1i8b4CBIGT0cylMvXmwr957W9i-fz4H6O/view?usp=sharing">https://drive.google.com/file/d/1i8b4CBIGT0cylMvXmwr957W9i-fz4H6O/view?usp=sharing</a>
68	Ch.Shilpa	BBA I	Sangareddy	English	The Proficiency and Familiarity of English in Indian Context	<a href="https://drive.google.com/file/d/1Aiku6BEFG4ZWPheluS903iQk_KovrIFX/view?usp=sharing">https://drive.google.com/file/d/1Aiku6BEFG4ZWPheluS903iQk_KovrIFX/view?usp=sharing</a>
69	E. Pavani	BZC I	Bhongir	Zoology	Host-parasite coevolution; why changing population size matters	<a href="https://drive.google.com/file/d/164N6G6ofnXFGuzIDU5OlttQ5Z-cSMAQ/view?usp=sharing">https://drive.google.com/file/d/164N6G6ofnXFGuzIDU5OlttQ5Z-cSMAQ/view?usp=sharing</a>
70	S. Divya	MZC I yr	Vikarabad	Microbiology	An intrauterine device with potential to control fertility in feral equids	<a href="https://drive.google.com/file/d/14In8dPvJYd-6STQ75pD4lg86sWgMLan5/view?usp=sharing">https://drive.google.com/file/d/14In8dPvJYd-6STQ75pD4lg86sWgMLan5/view?usp=sharing</a>
71	P. Arundhati	BGC II year	Mahendra hills	Genetics	Immune Memory in Mild COVID-19 Patients and Unexposed Donors Reveals Persistent T Cell Responses After SARS-CoV-2 Infection	<a href="https://drive.google.com/file/d/1i4jH3mnP_IX1Gfh8SeBt2vdlDOIwPvW3/view?usp=sharing">https://drive.google.com/file/d/1i4jH3mnP_IX1Gfh8SeBt2vdlDOIwPvW3/view?usp=sharing</a>
72	K.Venkat Laxmi	MSCs II	Jagadgirigutta	Computer science	A Review on Blockchain Technology and Blockchain Projects Fostering Open Science	<a href="https://drive.google.com/file/d/1JdN8TuSztRKQEyec9IAhew8n7GillSIS/view?usp=sharing">https://drive.google.com/file/d/1JdN8TuSztRKQEyec9IAhew8n7GillSIS/view?usp=sharing</a>

*Printed on 06/07/2021*

At Zonal level also, E. Pavani bagged first place among the 30 degree colleges Infront of Panel members arranged by Head office virtually on May 27<sup>th</sup>, 2021.

### Minutes of Meeting of Super student program/screening for TSAT

18

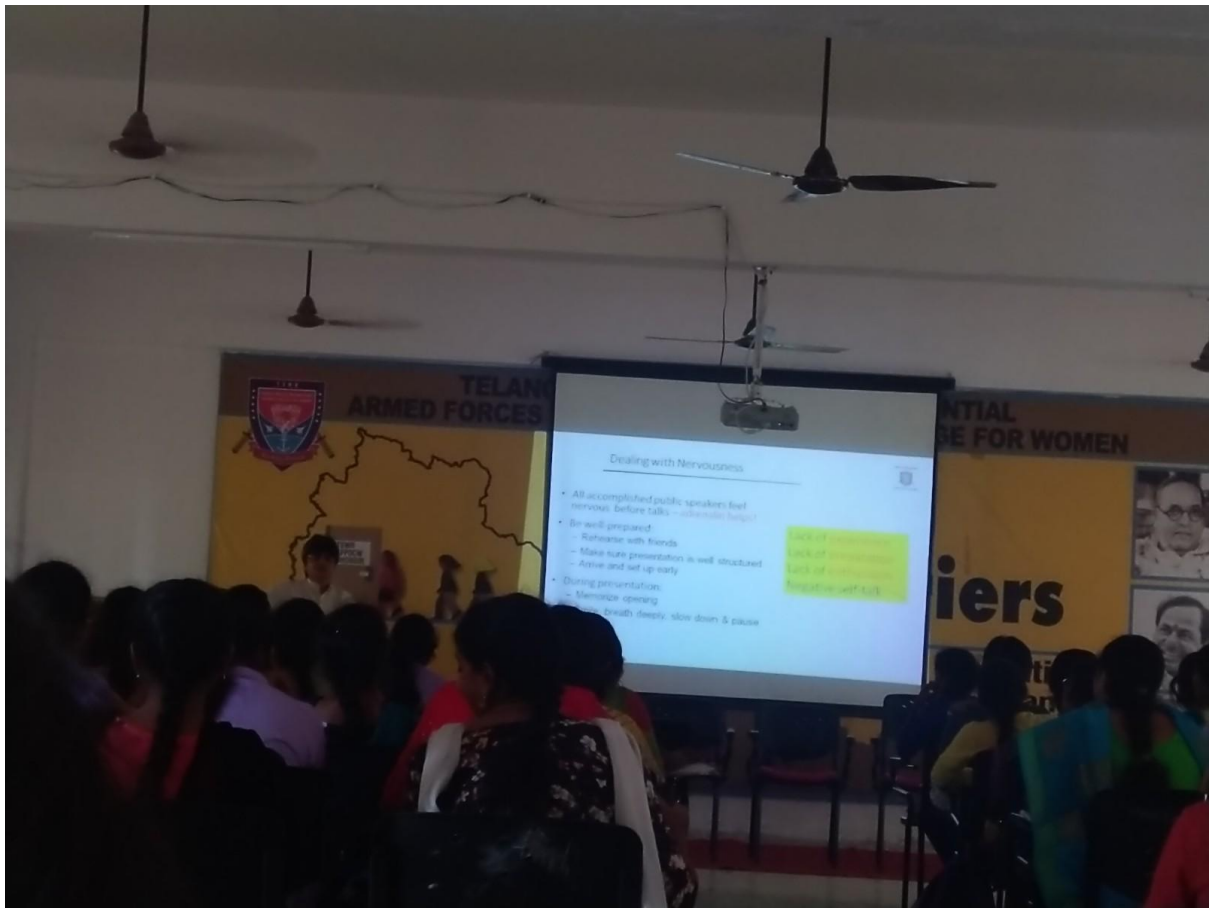
Activity : II

Date: 22, August, 2019  
Day: Thursday  
Time: 10 AM to 12.30 PM

Occasion: Super student college level Screening  
Activity taken: college level super student demos/screening  
Resource persons: G. Nirmala (chemistry), Dr. B. Sri Latha (chemistry)  
Organisation: TSWRAFPDCW J. Vyshnavi (CS)  
Number of students participated: 7  
Department: physics

Description:- In view college level Super Student Screening, 7 Students presented their demos/PPTs on their interested topics in front of college level panel formed by three faculty G. Nirmala (chemistry), Dr. B. Sri Latha (chemistry), J. Vyshnavi (Computer Science). panel gives inputs to students and encouraged them. Among 7 students, panel selected 1 student i.e S. Pallavi, MPC-II year based on contribution of all at

Orientation program for TSAT lectures at TSWRAFPDCW, Bhongir for all 30 degree colleges.



*Roshni*  
PRINCIPAL  
T.S.W.R.A.F.P.D.C.W.  
BHONGIR.



TELANGANA SOCIAL WELFARE PREPARATORY DEGREE COLLEGE FOR WOMEN, BHONGIR  
 YADADRI BHONGIR, TELANGANA, 508126  
 Affiliated to Mahatma Jyoti Baoba University, Nalgonda



E-mail: [pri-rdcw-bngiri-sws@telangana.gov.in](mailto:pri-rdcw-bngiri-sws@telangana.gov.in) Mobile No.: 7995010687

DEPARTMENT OF MICROBIOLOGY

Video lectures by Faculty:

1. Faculty name: Dr. K. Sravanthi, HOD, Dept. of Microbiology

Topic: Antigens

Link: <https://youtu.be/p28-iC2jifEs?si=yor7GTa-LBfuv0Q>

Teangana Social Welfare Residential (Educational Societies Society)

జననికా

Super Antigens

- Microbial antigens
- Result in excessive non specific activation of the T-Lymphocytes
- Activate 20-30% of T cells.

T Lymphocyte

Antigen Presenting Cell

MHC Class II

Superantigen

Antigen Presenting Cell

MHC Class II

antigen presenting cell

Superantigen

*K. Sravanthi*

**HEAD**  
 Department of Microbiology  
 TSWRAFPDCW, Bhongir

*Principa*

**PRINCIPA**  
 SWRAFP DEGREE COLLEGE (W)  
 BHONGIR





TSW.R.A.F.P.D.C.  
DEPARTMENT OF TSW  
TELANGANA SOCIAL WELFARE PREPARATORY DEGREE COLLEGE FOR WOMEN, BHONGIR  
YADADRI BHONGIR DISTRICT, TELANGANA, 508126  
Affiliated to Mahatma Gandhi University, Nalgonda



E-mail: pri-rdcw-bngiri-awrs@telangana.gov.in Mobile No.: 7998010687

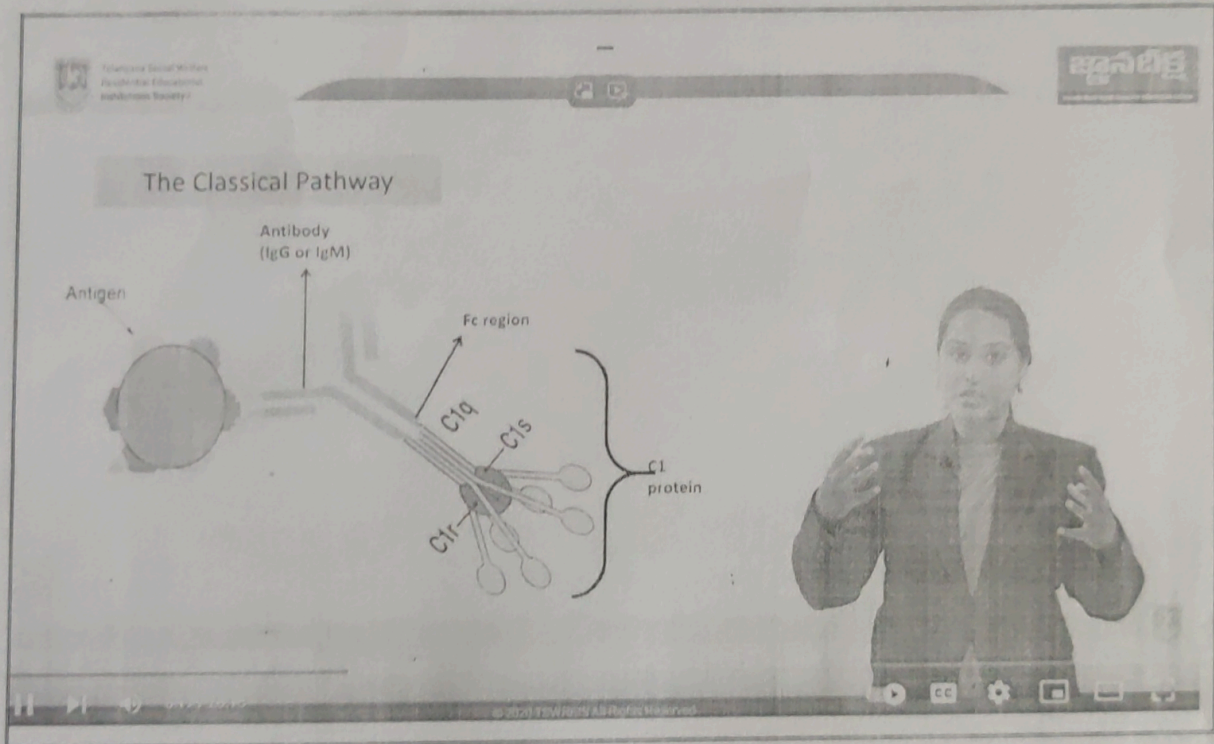
DEPARTMENT OF MICROBIOLOGY

Video lectures by Faculty:

2. Faculty name: Ragi Raju, Dept. of Microbiology

Topic: Complement system

Link: <https://youtu.be/I29hGe6s9m4?si=1XpzyUBg03UYSdp0>



*K. Savanthi*

HEAD  
Department of Microbiology  
TSWRAFPDCW, Bhongir

*[Signature]*  
PRINCIPAL

TSWRAFPDCW  
SWRAFP DEGREE COLLEGE (W)  
BHONGIR



TELANGANA SOCIAL WELFARE PREPARATORY DEGREE COLLEGE FOR WOMEN, BHONGIR  
 YADADRI BHONGIR (M.S.), TELANGANA, 508126  
 Affiliated to Mahatma Gandhi University, Nalgonda

E-mail: [pri-rdew-bngirl-swra@telangana.gov.in](mailto:pri-rdew-bngirl-swra@telangana.gov.in) Mobile No.: 7995010637

DEPARTMENT OF MICROBIOLOGY

Video lectures by Faculty:

- 3. Faculty name: Ragi Raju, Lecturer in Microbiology
- Topic: Nutritional groups of Microorganisms
- Link: <https://youtu.be/I29hGe6s9m4?si=1XpzyUBg03UYSdp0>

The video lecture content includes the following diagrams and text:

- Bacterial ribosome diagram:** Shows a large ribosome with the text "Bacterial ribosome = 70S". Below it, an arrow points down to "70S" and an arrow points up to "70S", with "Remove  $Mg^{2+}$ " on the left and "Add  $Mg^{2+}$ " on the right.
- Endospore diagram:** Shows a cross-section of an endospore with labels: "Spore coat", "Core", "Small acid soluble proteins (SASPs)", "Dipicolinic acid complexed with Calcium ( $Ca-DP$ )", "Inner membrane", "Cortex", and "Outer membrane".
- Text boxes:**
  - " $Mg^{2+}$  stabilises ribosomes"
  - " $Ca^{2+}$  heat resistance of endospores"

*K. Sravanthi*  
**HEAD**  
 Department of Microbiology  
 TSWRAFPDCW, Bhongir

*[Signature]*  
**PRINCIPAL**  
 TSWRAFPDCW  
 BHONGIR



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YADARI BHONGIR (DIST), TELANGANA,508126**



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**DEPARTMENT OF HISTORY**

**FACULTY THREE MINUTES**

**VIDEO LECTUERS**

Faculty are continuously motivated throughout to make videos on the topics related to the subject and uploaded in the YouTube channel to be viewed by all the students, especially the students of the society who cannot not afford mobile phones.

1. **Faculty Name:** J.Aruna kumari ,
  - **Subject:** History
  - **Topic:** Nalanda University
  - **Link:**
  - [https://youtu.be/Q7zsvu7O4Rc?si=hX4\\_6aPDzHhEqRQ6](https://youtu.be/Q7zsvu7O4Rc?si=hX4_6aPDzHhEqRQ6)



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2. Faculty Name: J. Aruna Kumari,

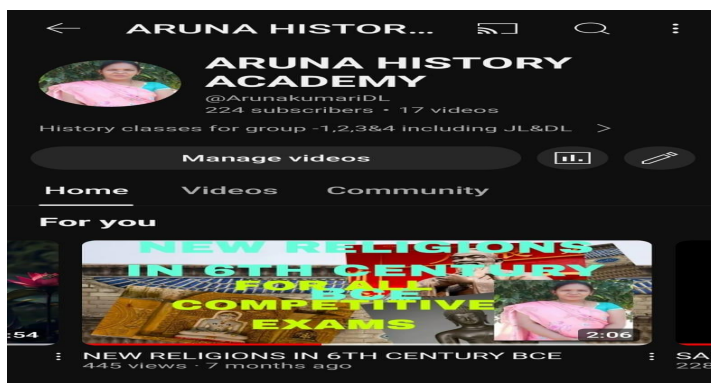
- Subject: History
- Topic: Bab Nihat watR
- Link: <https://youtu.be/H75nwNlsrSo?si=U0jwmVgCBnTsSmPt>



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3. Faculty Name: J. Aruna Kumari,

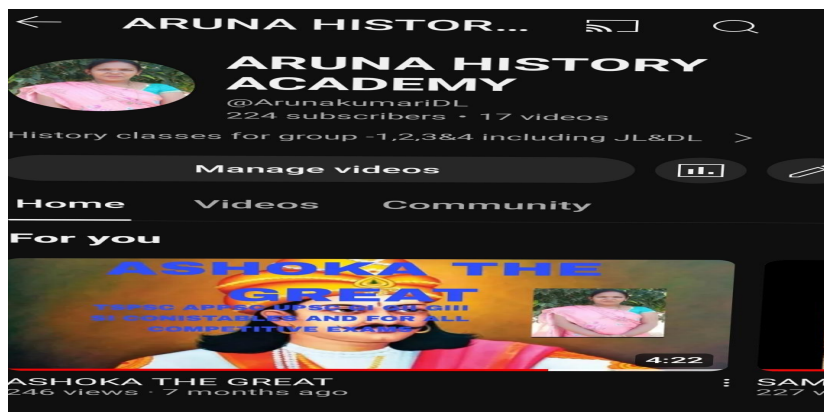
- Subject: History
- Topic: Rise of new religions in 6<sup>th</sup> Century BC
- Link: <https://youtu.be/bNFh602Iytg?si=M25MZbsNxdIbbsd>



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4.Faculty Name: J.Aruna kumari ,

- *Subject: History*
- *Topic: Ashoka the great*



- *Link: <https://youtu.be/bNFh602Iytg?si=Pv8sPVn1-uZn74GI>*

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5.Faculty Name: J.Aruna kumari ,

- *Subject: History*
- *Topic: Sammakka Sarakka*

➤ Link: <https://youtu.be/fDgXnIWLb4k?si=dH3Eke0Nz9acDmab>

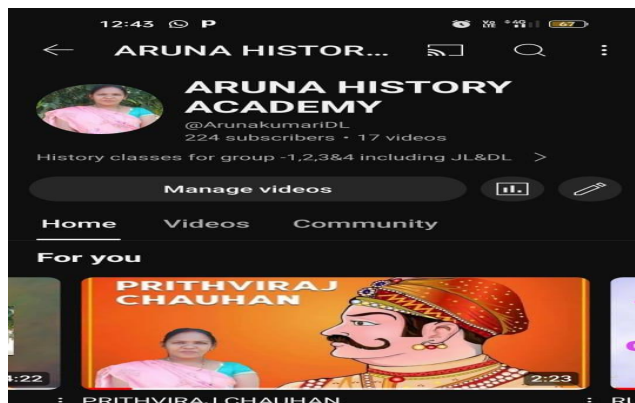


6.Faculty Name: J.Aruna kumari ,

➤ Subject: History

➤ Topic: Prudviraj chowhan

➤ Link: <https://www.youtube.com/watch?v=spx0wdYs1xo>



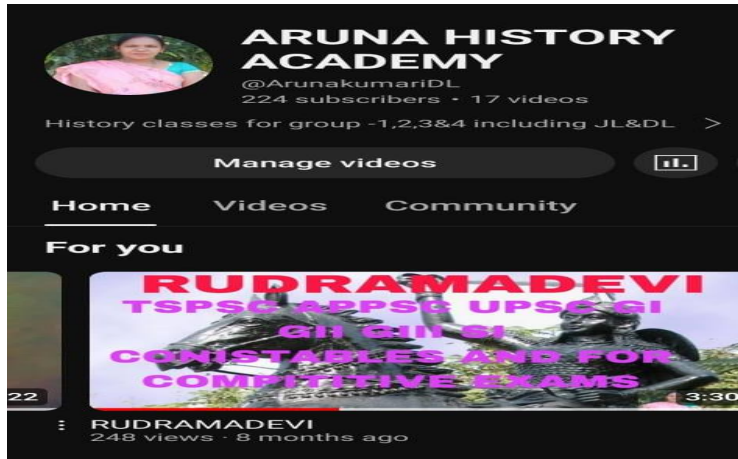
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7.Faculty Name: J.Aruna kumari ,

➤ Subject: History

➤ Topic: Rudrama devi

➤ Link: [https://www.youtube.com/watch?v=0NQ4\\_tmriVg](https://www.youtube.com/watch?v=0NQ4_tmriVg)



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8.Faculty Name: J.Aruna kumari

➤ Subject: History

➤ Topic: Gowthami putra Satakarni

➤ Link: <https://www.youtube.com/watch?si=M-oLzkcxRF6GRDWg&v=wYqy28hnpFM&feature=youtu.be>

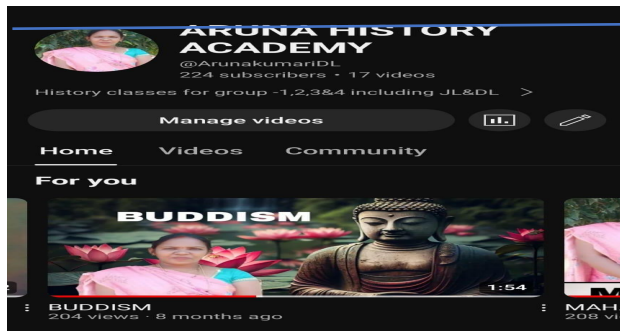


9.Faculty Name: J.Aruna kumari

➤ Subject: History

➤ Topic: Buddhism

➤ Link: <https://www.youtube.com/watch?v=KBmx69RbTow>



10.Faculty Name: J.Aruna kumari

➤ Subject: History

➤ Topic: Mahathma Gandhi

➤ Link: <https://www.youtube.com/watch?v=I2C8FECpKfk>



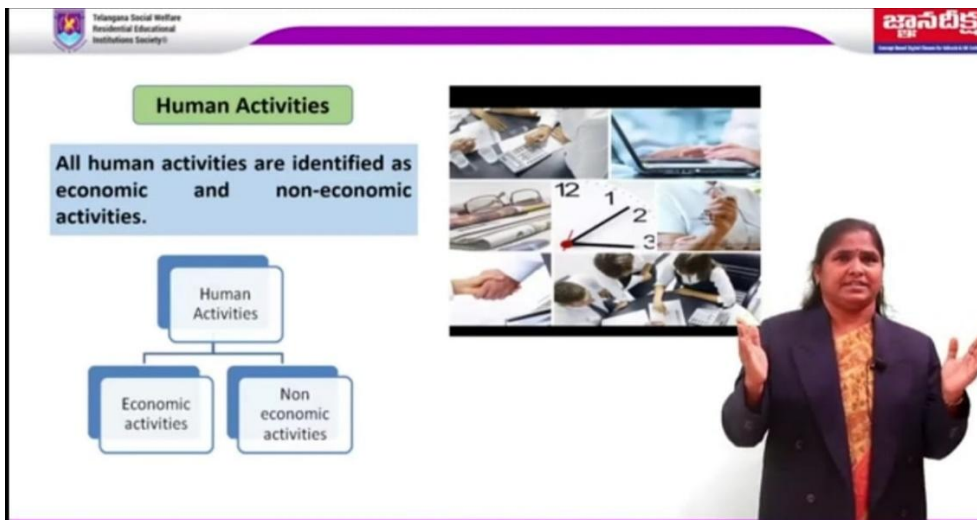
*Rishi*  
PRINCIPAL  
T.S.W.R.A.F.P.D.C.W.  
BHOONGIR.



T-SAT class by Faculty

Smt. K.Kavitha , HOD Department of Commerce has given lecture in Doordarshan (DD recording) on the topic "NATURE AND SCOPE OF BUSINESS" from the subject Business Organisation and Management on June 17, 2021.

You Tube Link : [https://youtube.com/watch?v=lpDx\\_kscGQ8&feature=shared](https://youtube.com/watch?v=lpDx_kscGQ8&feature=shared)



*Roshni*  
PRINCIPAL  
T.S.W.R.A.F.P.D.C.W.  
BHONGIR.





TELANGANA SOCIAL WELFARE RESIDENTIAL  
ARMED FORCES PREPARATORY DEGREE  
COLLEGE FOR WOMEN, BHONGIR



## DEPARTMENT OF COMPUTER SCIENCE LIVE LECTURES

### T-SAT & DD classes by Faculty

- Mrs. N. Pavani, HOD, Department of Computer Sciences presented a LIVE lecture on T-SAT Network as part of GNAANA DEEKSHA on the topic “Control Structures in C++” for B.Sc I Years on 14<sup>th</sup> May 2020.

YouTube link: <https://www.youtube.com/watch?v=p6e2JgzP67Y>

TSWREIS GNAANA  
DEEKSHA|| Computer Science -  
Control Structures in C++ || Online Class || Live  
#Computer\_Science #ControlStructuresinC++ #more

T-SAT Network  
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*N. Pavani*  
HEAD

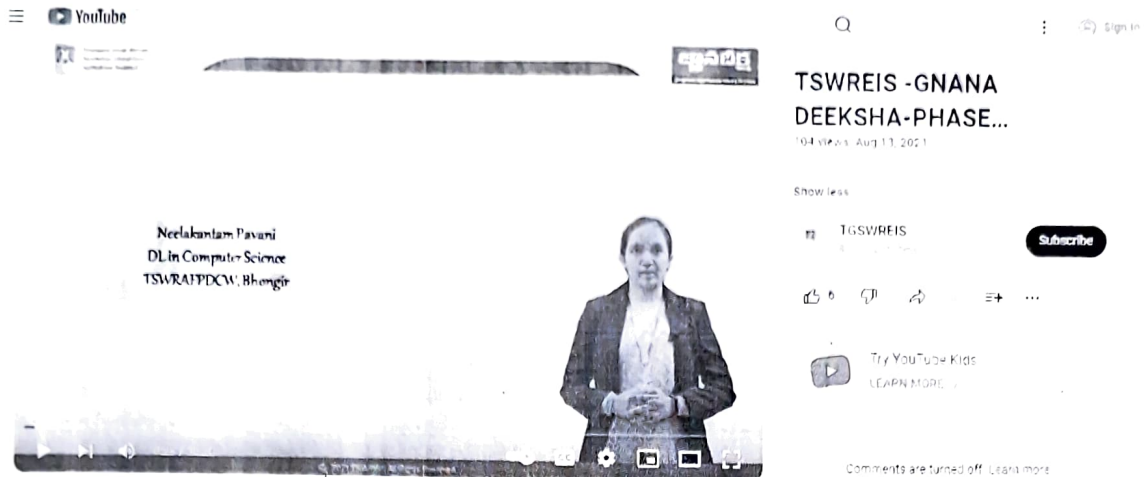
Department of Computer Science  
TSWRAEPDW, BHONGIR



*N. Pavani*

- Mrs. N. Pavani, HOD, Department of Computer Sciences presented a lecture in GNAANA DEEKSHA on the topic “Stacks, Operations and Applications of Stacks” for B.Sc II Years on 3<sup>rd</sup> August 2021

YouTube link: [https://www.youtube.com/watch?v=844w4m1Ks\\_I](https://www.youtube.com/watch?v=844w4m1Ks_I)



*N. Pavani*  
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*K.S.*  
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