



BABU JAGJIVAN RAM GOVERNMENT DEGREE COLLEGE

Narayanaguda, Hyderabad.



T-SAT COMMITTEE

BRIEF INTRODUCTION: Society for Telangana State Network is an initiative from the Department of Information Technology, Electronics and Communications of the Govt of Telangana State to provide quality education harnessing the potential of satellite communications and Information Technology.

SoFTNET uses GSAT 8 Satellite and telecasts four channels. T-SAT NIPUNA and T-SAT VIDYA cater to the distance learning, Agriculture Extension, Rural Development, Tele-Medicine and E-Governance requirements of the people of Telangana.

SoFTNET Mission is to Educate, Enlighten and Empower the people of Telangana State using audio-visual technology and take best of the education and training facilities to the stakeholders.

SoFTNET channelizes various educational and training resources and enables the quality faculty reach out to the last mile institutions. Its training facilities in the area of Women and Child Welfare, Rural Development, Skill Development, Health, Agriculture Extension etc., helps the end users acquaint themselves with the developments in the respective fields.

OBJECTIVES:

- To Educate, Enlighten and empower the students of Telangana State.
- To take the best of the faculty into every classroom, make learning easy, build a mentally strong, morally high and well informed student community, in sync with the trends across the globe.
- To help rural students, where shortage of faculty prevails.
- To supplement classroom teaching for better understanding of subjects by visual aids.
- To provide access for students to interact with subject experts.

OUTCOMES:

Lessons delivered by experts in the specific subject are extended to all students of Degree Colleges in TS.

A platform to explore the potentials of teachers and students.

Latest ICT Tools for Visual aids can be used for effective teaching.

Teachers & Students can update their skills by attending the MANA TV classes.

CONVENOR & MEMBERS: Dr. A. Santhoshi

Dr. B. Sambasiva Rao

Sri. K. Srinivasa rao

ACTIVITY PLANNED:

RECORD OF PARTICIPATION IN CCE PROGRAMS – TSAT YEAR: 2016-2017

Title of the Programme	Faculty/Student Activity	Date on which conducted	Brief report of the Activity
Interactive Programme By Students On Student Study Projects In Commerce Essential Elements Of Indian Contract Act	Smt. D. Saritha, Bjr Gdc, Narayanaguda With Students.	05/01/2017	Interactive Programme By Students On Student Study Projects In Commerce Essential Elements Of Indian Contract Act



RECORD OF PARTICIPATION IN CCE PROGRAMS – TSAT
YEAR: 2017-2018

Sl. No	Title of the Programme	Faculty/Student Activity	Date on which conducted	Brief report of the Activity
1	Phenol(Group Discussion) https://www.youtube.com/watch?v=UfkmWu1L6Ak	A.Dayanand,G.Sneha, S.Somnath, B.Naveen, Sambaraju, Srikanth	05/12/2017	Phenol , Its Preparation Methods And Its Physical And Chemical Properties, Reactivity.



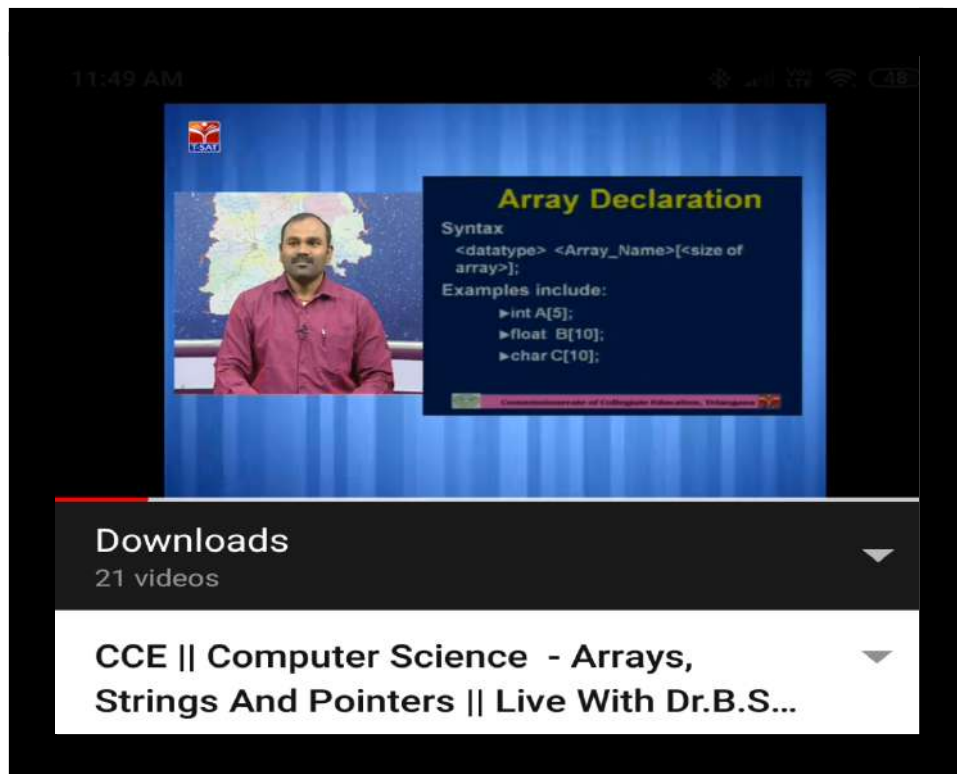
RECORD OF PARTICIPATION IN CCE PROGRAMS – TSAT
YEAR: 2018-2019

S/No	Title of the Programme	Faculty	Date	Brief Description about the presentation
1	Bond Polarisation https://www.youtube.com/watch?v=oiXXJO43Vs8&t=1648s	Dr.A.Santhoshi	17/7/18	This topic covers importance of polar & non polar bonds, Inductive effect and its Types.
2	Arrays, strings & files in C https://www.youtube.com/watch?v=BxuqwlNfoaU	Dr.B.Sambhasiva Rao	17/8/18	Applications of a Arrays, strings & files in C are covered
3.	Understand & Teach Physics using Simple Techniques. https://www.youtube.com/watch?v=DVjl9jDTixc	Dr.P.Balabhaskar	11/9/18	How to implement simple techniques to make students convenient to understand physics
4	Inheritance Polymorphism in Java https://www.youtube.com/watch?v=3HIiIg9wWAo	Dr.B.Sambhasiva Rao	14/9/18	Applications of Inheritance Polymorphism in Java are Discussed
5	Administration Ecology https://www.youtube.com/watch?v=XI9_hTzNe30	Ms.V.V.Mallika	6/12/18	Why Administration Ecology is useful and its importance discussed.
6	Data Communication Barriers https://www.youtube.com/watch?v=3S-YeUIbwtg	Dr.B.Sambhasiva Rao	27/02/19	Applications of Data Communication Barriers.

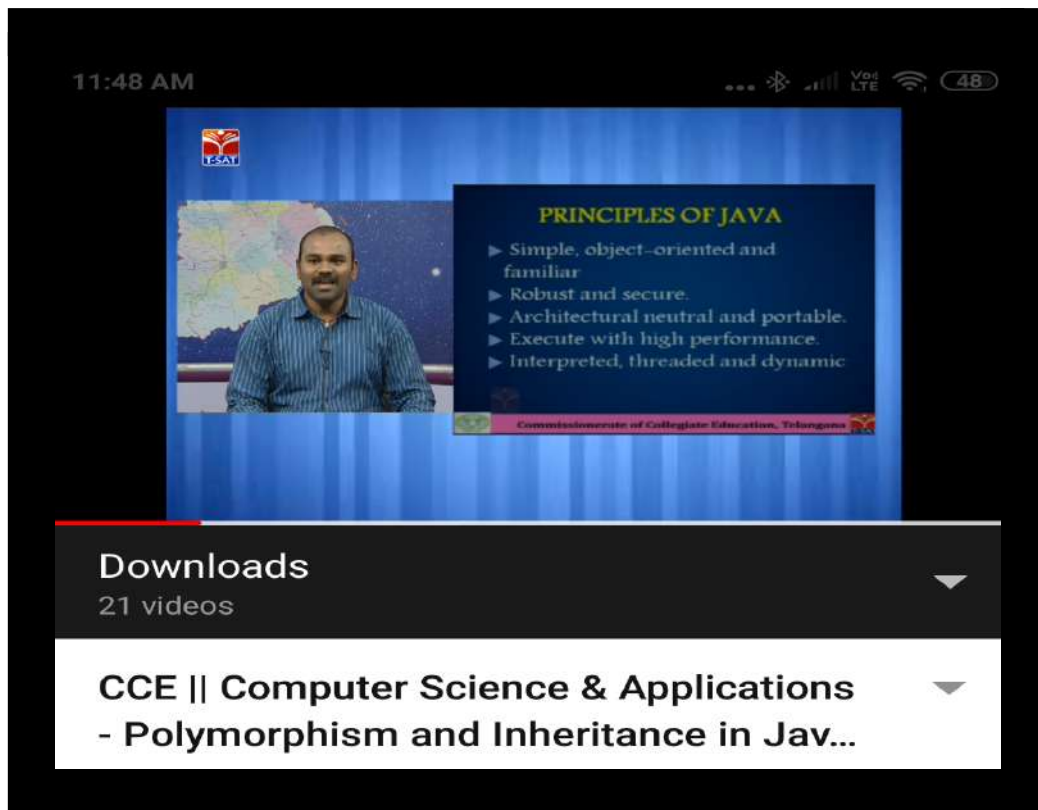
S/N o	Title of the Programme	Student Activity	Date	Brief Description about the presentation
	Indeterminate Forms https://www.youtube.com/watch?v=AxFwzIfPKFI	C.Madan Reddy-_Iyr-Isem	20/09/1 8	Indeterminate Forms
	Differential Equations https://www.youtube.com/watch?v=PudytfHiR2U	P.nagaraju-Iyr-IIIsem	25/09/1 8	Differential Equations
	Computer Fundamentals & Basics of C programming https://www.youtube.com/watch?v=sx0nnOuRxIY	R.Srikanth-Iyr-I Sem	28/09/1 8	Computer Fundamentals & Basics of C programming
	Fundamental Rights https://www.youtube.com/watch?v=dGk0FBE9c6k	Hanmanthu-IIyr	04/10/1 8	Fundamental Rights
	Sathavahana's https://www.youtube.com/watch?v=4HqIEzImq1o	P.Nithin Kumar-IYr-I sem	01/11/18	This topic covers History of Sathavahana's .



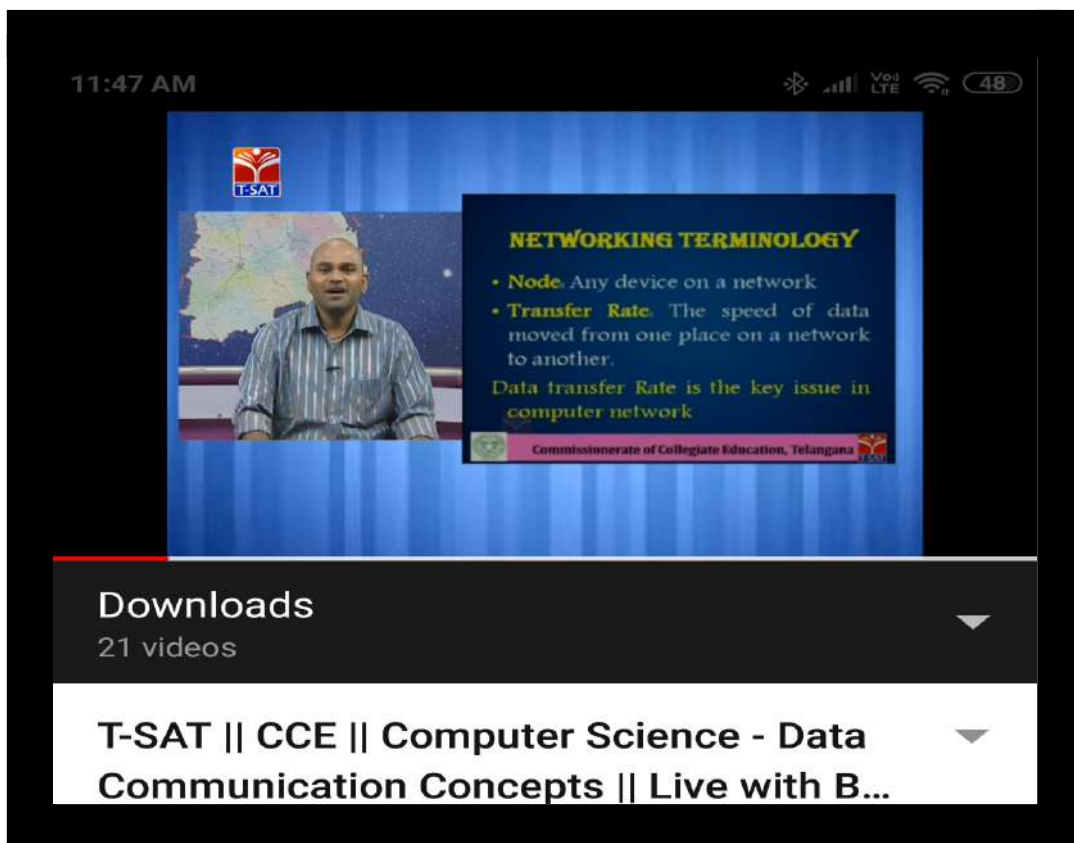
Dr.A,Santhoshi Presenting lecture on Topic: Bond Polarisation

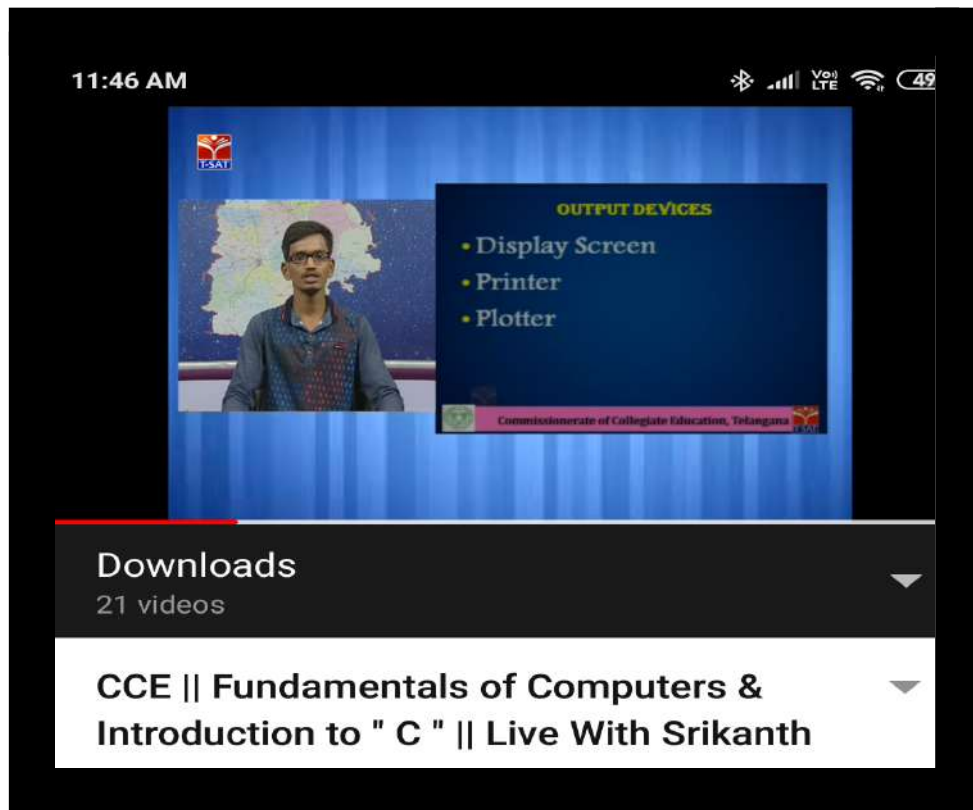
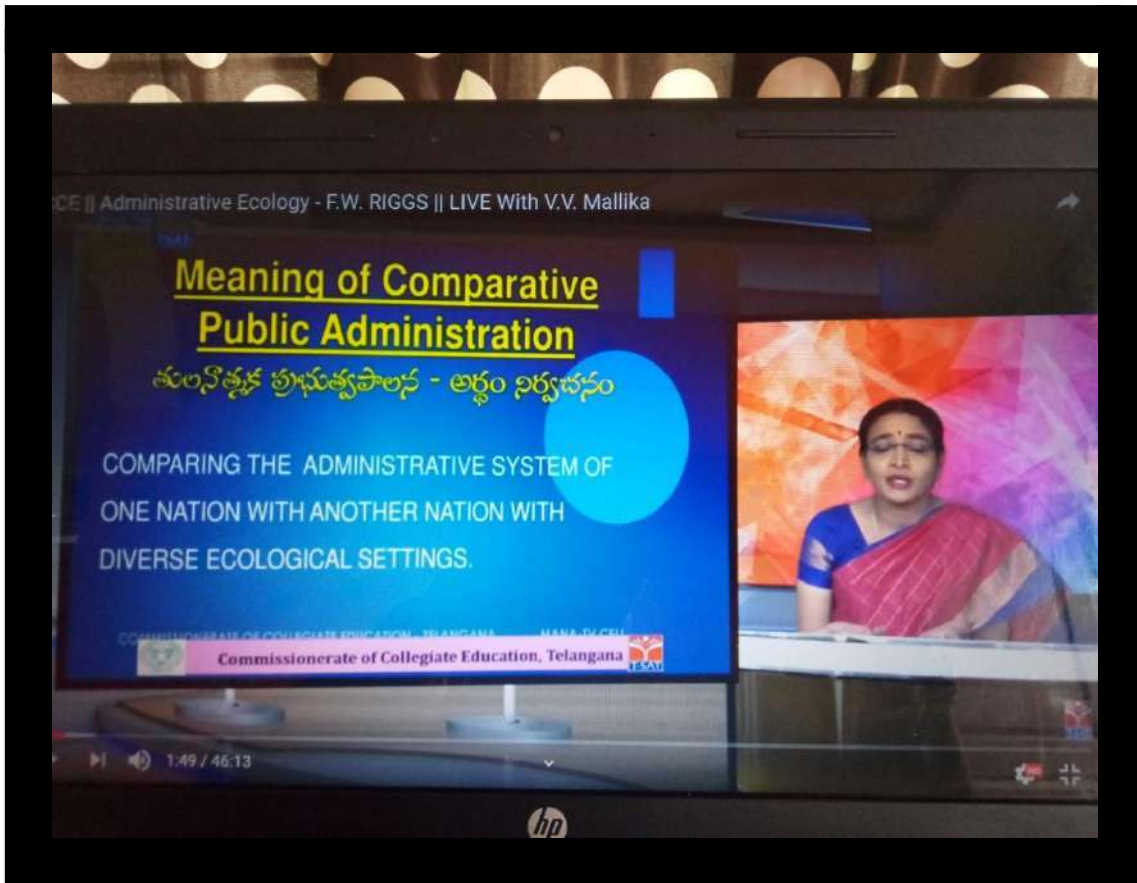


Dr. B. SambhasivaRao, Assistant Professor in Computer Science

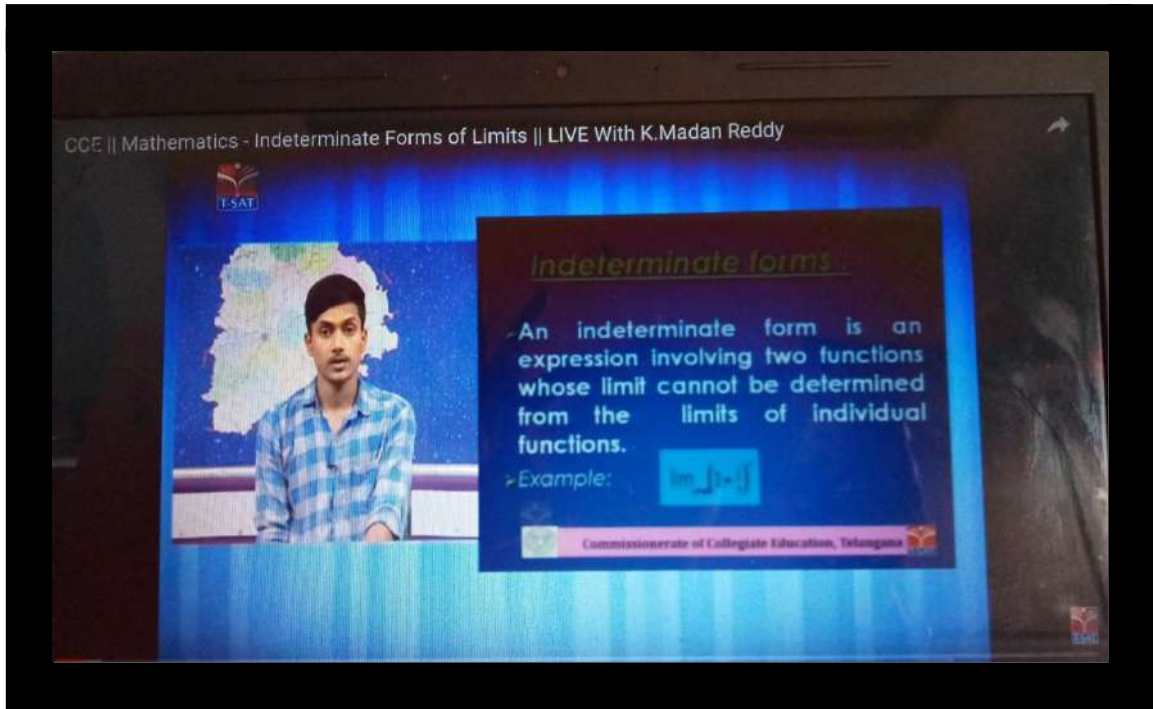


Dr. B. SambhasivaRao, Assistant Professor in Computer Science

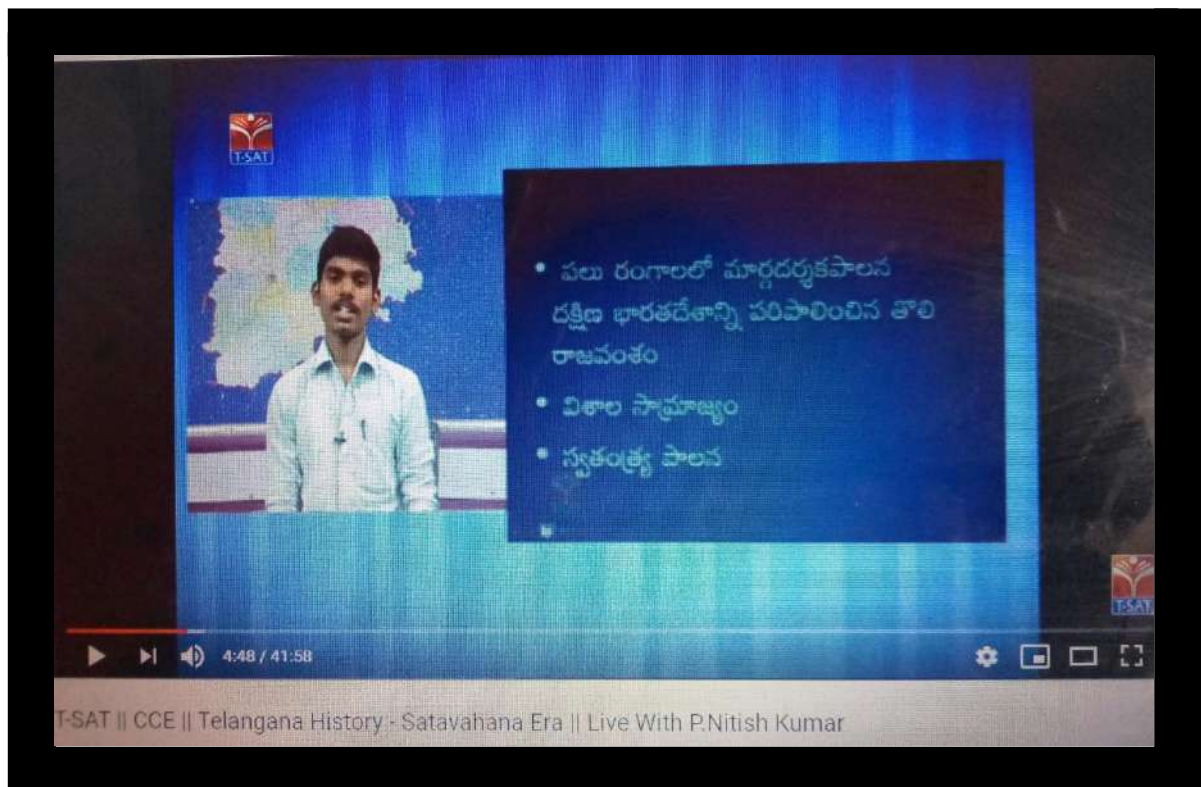




R.Srikanth presenting on Topic: Computer Fundamentals & Basics of C programming



C.Madan Reddy presenting on Topic: Indeterminate Errors



P.Nithin Kumar presenting on Topic: satavahana



Hanmanthu presenting on Topic: Fundamental Rights



RECORD OF PARTICIPATION IN CCE PROGRAMS – TSAT YEAR: 2019-2020

S/N o	Title of the Programme	Faculty	Date	Brief Description about the presentation
1	Trees & Graphs in Data Structure https://www.youtube.com/watch?v=tsOpAPMA64&t=554s	Dr.B.Sambasiva Rao	20/09/2019	Applications of a Trees & Graphs in Data Structure
2	Process synchronisation, Dead Locks https://www.youtube.com/watch?v=XBvqO4IUFRs&t=997s	Dr.B.Sambasiva Rao	11/10/2019	Introduction & Applications of Process synchronisation, Dead Locks

S/ No	Details of The Student	Topic	Date	Brief Description about the presentation
1	Entropy-Physics https://www.youtube.com/watch?v=9ZVdPkf4f54	O. Gopala Krishna-IIyr/ Sem-III	17/09/19	Introduction of entropy
2	Zoology -Migration of Birds https://www.youtube.com/watch?v=aGrM4Qys0V0	N.Pavani & N.Supriya-II Yr/IIISem	18/09/19	Migrations of birds
3	Zoology-Carbohydrates https://www.youtube.com/watch?v=ABzsuJ3pQbs	Anam Firodoz-IIIyr/V Sem	18/12/19	Introduction, classification of carbohydrates
4	Public Administration-District Administration	Pradeep-I yr/ IIsem	19/12/19	District Collector, District Administration

	https://www.youtube.com/watch?v=-3y6jXfUzx4			
Computer Science-Polymorphism & Inheritance in C++	https://www.youtube.com/watch?v=wnEeWVsw6js&list=PLYCIZ-cwPGTykzMyQk0eW_L7t8-FHq5C5	V. Ashwik Sai -Iyr/ II sem	31/01/20	Polymorphism & Inheritance in C++

☰ T-SAT || CCE || Process Synchronization & Deadlocks in Operating Systems || LIVE B. Sambasiva Rao

RACE CONDITION

- Assume **counter** is initially 5. One interleaving of statements is:

```

producer: register1 = counter (register1 = 5)
producer: register1 = register1 + 1 (register1 = 6)
consumer: register2 = counter (register2 = 5)
consumer: register2 = register2 - 1 (register2 = 4)
producer: counter = register1 (counter = 6)
consumer: counter = register2 (counter = 4)

```

The value of **count** may be either 4 or 6, where the correct result should be 5.

Commissionerate of Collegiate Education, Telangana

Play (k) 8:27 / 45:57

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BINARY TREE TRAVERSALS

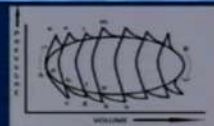
- Inorder(Left, Visit, Right).
- Preorder (Visit, Left, Right).
- Postorder (Left, Right, Visit)

Commissionerate of Collegiate Education, Telangana



7:01 / 46:14

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THE REVERSIBLE CYCLE A to B to A, CONSIDERING NUMBER OF CARNOT CYCLES a,b,c,d,e,f,g,h,i,j, etc.

$$\Delta S = \sum \frac{dQ}{T} = \oint \frac{dQ}{T} = 0$$

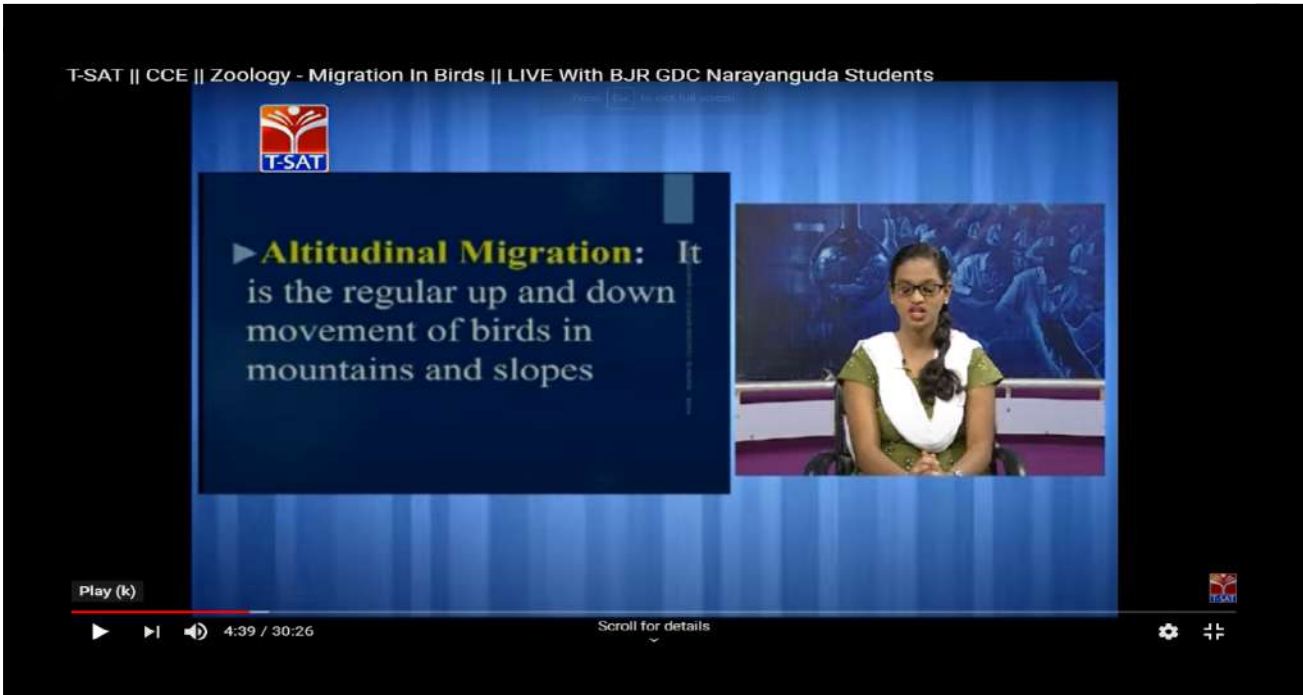
THE NET CHANGE IN ENTROPY IS ZERO FOR A REVERSIBLE CYCLE

Play (k)

13:17 / 44:55

Scroll for details





Classification :

- Carbohydrates are classified based on their behaviour on hydrolysis. They may be classified into three groups.
- Monosaccharides
- Disaccharides
- Polysaccharides

Classification of Carbohydrates



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4:15 / 44:27

Scroll for details



Press Esc to exit full screen



“District Administration is the total management of Public Affairs within this unit.”

S.S.Khera



30:05

App tsat.tv /tsatnetwork

2:48 / 44:30

Scroll for details

