

S. No.	Time	Name	College/University	KTPI Mentor	Title	Remarks
1	10:00-10:20	Sina Milan V. K.	University of Calicut	Dr. Krishna Mohan and Dr. Jose Mathew	Gravitational waves in de-Sitter universe	
2	10:20-10:40	Akshara P.	University of Calicut	Dr. Lakshmi S. Mohan	Understanding neutrino oscillations in vacuum and matter	
3	10:40-11:00	Revathy N.	University of Calicut	Dr. Lakshmi S. Mohan	Investigating neutrino oscillations: A detailed study of T2K experiments & Super-Kamiokande Photo Multiplier Tube Technologies.	
<b>TEA BREAK 11:00 TO 11:15</b>						
4	11:15-11:50	Dr. Anoop K. K.	CUSAT	Talk on Career Opportunities in Physics		
5	11:50-12:10	Ardra S.	Govt. College for Women, TVM	Dr. Sreekanth K. Manikandan	Tuning the Kinetics of Intracellular Transport.	
6	12:10-12:30	Paul Monson	SB College Changanassery	Dr. Randeep N. C.	Quantum Information - Collisional Models	
7	12:30-12:50	Risha Maher CS	St. Mary's College Sulthan Bathery	Dr. Randeep N. C.	Quantum Information - Collisional Models	
<b>LUNCH BREAK 12:50 TO 02:00</b>						
8	02:00-02:20	Ananya Prakash	St. Berchmans College, Changanassery	Dr. Renjith Thomas	Modeling the interactions between Minoxidil Sulphate and Adenosine using Theoretical Tools	
9	02:20-02:40	Sreelakshmi K V	All Saints' College Trivandrum	Dr. Sreekanth K. Manikandan	Introduction to Machine Learning	
10	02:40-03:00	Parvathy K H	St. Thomas College Pala	Dr. Rathul Nath Raveendran	Stability analysis of power law inflation	