

Karnatak University's  
Karnatak Science College, Dharwad  
**Department of Physics**  
**Einstein Study Circle**  
One Day Workshop on  
**“SENSORS”**  
for B.Sc. students

<b>16-07-2023</b>		<b>Sunday</b>
Time	Event	
10am-10.45am	Inauguration	Prof. J.L.Kalyan, Principal, Prof. M.R. Ranganath, H.O.D., Physics, Prof. B. Lobo, Science Association Chairman
		<b>Resource Person</b>
10.50-11.35 am	Lecture- 1	Dr.(Smt.) Reshma A. Nesargi
11.40-12.25 pm	Lecture- 2	Mr. Vinayak Nayak
12.30-1.15 pm	Lecture- 3	Mr. Avinash Kamble
1.15- 2.15 pm	<b>Lunch Break</b>	
2.15-5 pm	Technical Session	Mr. Vinayak Nayak Mr. Avinash Kamble
5 pm	Valedictory	Student's feedback

**Lecture 1:** Introduction to Sensors

**Lecture 2:** Working principle of LVDT, RTD Sensors and their applications

**Lecture 3:** Working principle of Pressure sensor, Strain gauge and their applications

**Technical session:**

1. Hands on training on LVDT, RTD, Strain Gauge, Pressure sensor and Ultrasonic sensor

**Venue: P2 Hall**

**Date: 16-07-2023**

Dr. Nirupama J.M.  
Chairperson  
Einstein Study Circle  
Department of Physics

Prof. M.R. Ranganath  
H.O.D.  
Department of Physics