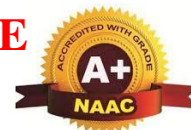




NARAYANA ENGINEERING COLLEGE :: NELLORE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Report of **Live Webinar** on

“Surface Plasmon Resonance (SPR) Biosensors”

1.	Name of the Activity/Event	Surface Plasmon Resonance (SPR) Biosensors	
2.	Dates of Activity/Event	10-06-2020	
3.	Organized by/Name of the committee	Department of ECE	
4.	Place of Activity/event	Narayana Engineering College, Nellore	
5.	Resource person/guest/organization	Dr. Ravi P. Gollapalli, Associate Professor, Department of Engineering and Technology, University of North Alabama, USA.	
6.	Timings of Event	08:00 A.M to 09:30 A.M	
7.	Type of activity/Event	Live Webinar	
8.	Activity/Event objectives	1. Enriching the skills of faculty in sensor technology 2. To highlight the applications of biosensors in various fields.	
9.	Participation	Faculty & Research Scholars	162
10.	General remarks	<ul style="list-style-type: none">• The Resource persons were enthusiastic to share their views• There was a good response to this programme	
11.	Enclosures	1. Request Letter 2. Report with photos	
12.	Signature of Incharge/Convener	Dr. K. Murali	

Department of Electronics and Communication Engineering, Narayana Engineering College, Nellore organized a **Live Webinar** on “**Surface Plasmon Resonance (SPR) Biosensors**” on 10-06-2020 from 08:00 A.M to 09:30 A.M. **Dr. Ravi P. Gollapalli**, Associate Professor, Department of Engineering and Technology, **University of North Alabama, USA** was the resource person. A total of **162** Faculty and Research Scholars from various colleges participated in the live webinar.

In this session Dr. K. Murali, addressed the participants and introduced the resource person Dr. Ravi P. Gollapalli, Associate Professor, Department of Engineering and Technology, University of North Alabama,

USA to the participants. Later the resource person explained about definition, basic concepts and working principle of bio sensors.

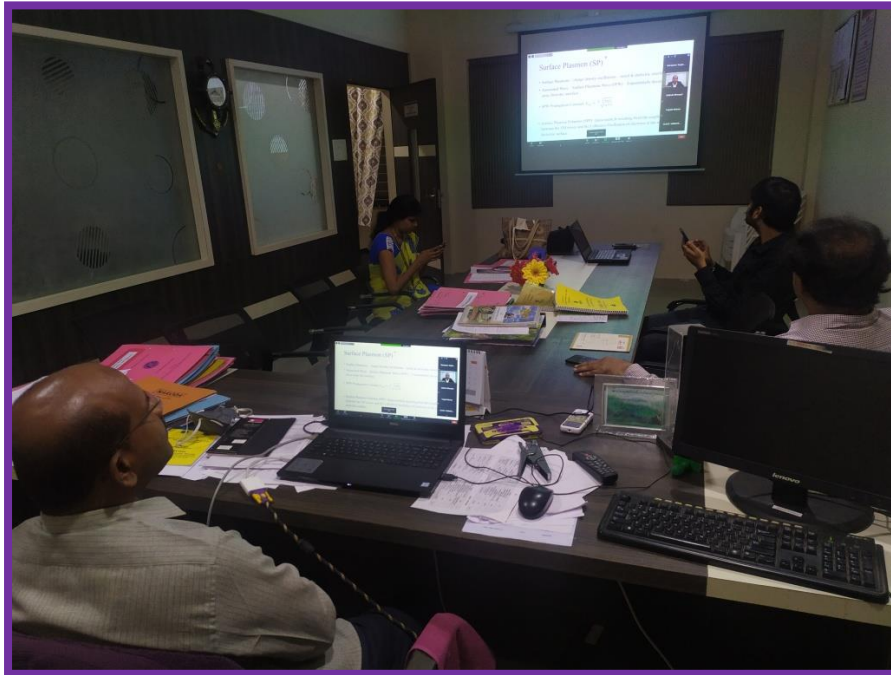


Figure: Explaining about Surface Plasmon

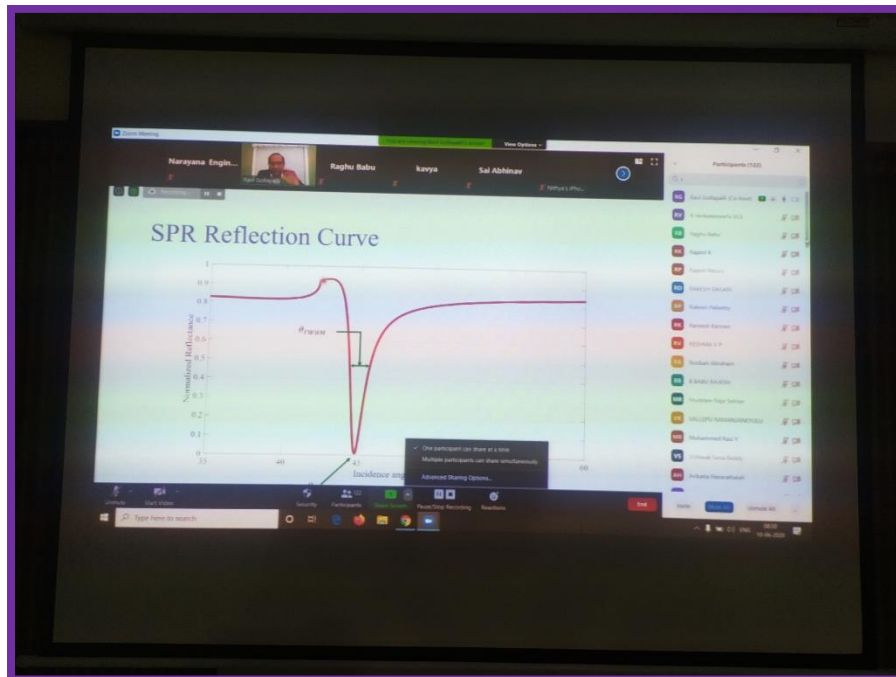


Figure: Explaining about SPR Reflection Curve.

Also, the resource person highlighted the various applications of biosensors in different fields. At the end of the webinar session, the resource person clarified about the queires of all the participants and finally the session was concluded with a vote of thanks.