



**FATIMA COLLEGE (AUTONOMOUS), MADURAI-18**

**DEPARTMENT OF PHYSICS**

**Title : PG Endowment Lecture on “Biosensors for Food and Medical Applications”**

**Date : 12-08-2022**

**Resource Person/s : Dr. C. Sekar**  
Head and Professor,  
Department of Bioelectronics and Biosensors,  
Alagappa University,  
Karaikudi.

**No. of Participants : 123**

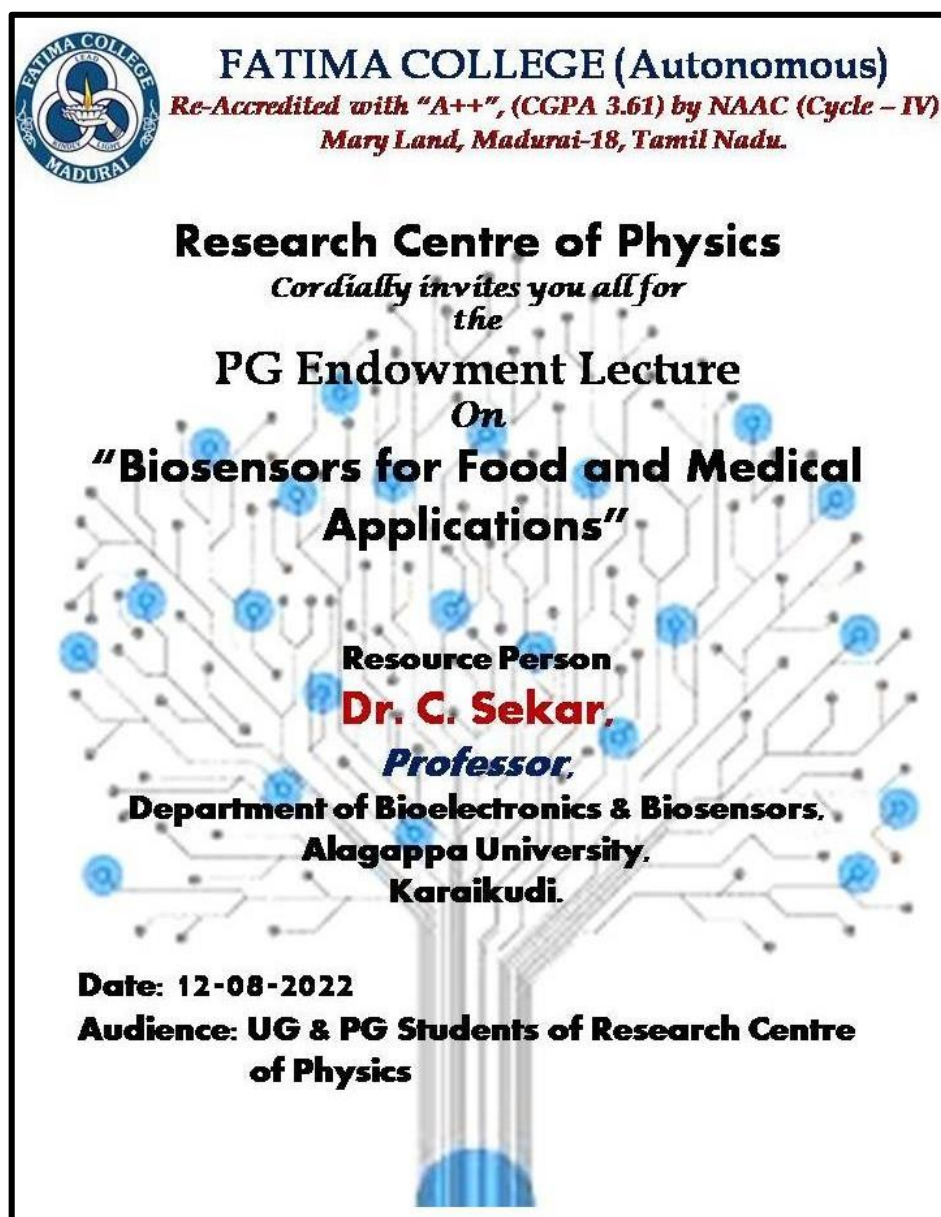
**Focus on : Entrepreneurship/Skill Development/Research Methodology**

**Outcome :**

The students were exposed to the field of “Biosensors” and the various applications of biosensors in medical diagnosis and food. This Endowment Lecture enlightened the students about the paramount importance of biosensors in the field of drug discovery, biomedicine, food safety standards, defense, security and environmental monitoring. The resource person introduced various technical strategies adopted for developing biosensors in scientific scenario of biosensor technology. Also, the students were informed with the research opportunities the field offers.

Report:

Invitation/Brochure



Text

The PG Silver Jubilee Endowment lecture was organized by the Research Centre of Physics on 12<sup>th</sup> August 2022 at San Jose Hall. Dr. C. Sekar, Head and Professor, Department of Bioelectronics and Biosensors, Alagappa University, Karaikudi was the Resource Person. The staff and students (UG, PG) of the Physics Department were the audience.

Miss Thivyavani of I MSc Physics welcomed the gathering. Dr. Sekar delivered a wonderful talk on "Biosensors for Food and Medical Applications".

Professor spoke elaborately on Bioelectricity and Bioelectronics. He pointed out that the topic is Interdisciplinary and narrated a wide variety of applications. He explained the beauty

of the human organs that are natural biosensors. He mentioned a number of biosensors that serve to diagnose diseases like blood sugar level, cancer and Alzheimer. Dr. Sekar presented a number of vivid slides that gave better understanding of his lecture.

On the whole, the lecture was highly informative and motivating. After the lecture there was active interaction between the students and the resource person. The meeting concluded with the Vote of thanks by Miss Shiny, II MSc Physics.

#### **Photos/Screen Shots (if online) with Captions**



#### **Dr. C. Sekar speaking on the Food and Medical applications of Biosensors**



**Dr. Sheela Vimala Rani, Head of Research Centre of Physics honouring the resource person, Dr. C. Sekar with the shawl**



**The students listening to the eye opening lecture on Biosensors**



**Dr. C. Sekar sharing his expertise in research with the students and the staff**

**Name list of Participants**

<b>S. No.</b>	<b>Reg. No</b>	<b>Name (Full name with Initials)</b>
<b>II M. Sc. PHYSICS</b>		
<b>1.</b>	2021MSCP01	AGNES J
<b>2.</b>	2021MSCP02	ARUNAASHREE V
<b>3.</b>	2021MSCP03	BATRICKS JEENA M
<b>4.</b>	2021MSCP04	BENCIA IMMACULATE J
<b>5.</b>	2021MSCP05	FAHEERAPARVEEN N
<b>6.</b>	2021MSCP07	JESLINE FELSIA R
<b>7.</b>	2021MSCP08	JOYCE JESINTHA M
<b>8.</b>	2021MSCP10	KOWSALYA R
<b>9.</b>	2021MSCP11	LIBIYAVINNARASI T
<b>10.</b>	2021MSCP12	MARIA JASMINE SHINY A
<b>11.</b>	2021MSCP13	MARIA SHINOLA F
<b>12.</b>	2021MSCP14	MONISHA M
<b>13.</b>	2021MSCP16	PAPINA P
<b>14.</b>	2021MSCP17	POORNIMADEVI B
<b>15.</b>	2021MSCP18	PREMA V
<b>16.</b>	2021MSCP19	PRINCY J
<b>17.</b>	2021MSCP20	SHINEY PRECILLA S
<b>18.</b>	2021MSCP21	SIVAPRIYADHARSHINI R
<b>19.</b>	2021MSCP25	SUNDARI B
<b>20.</b>	2021MSCP26	ANGELIN SNEGA S
<b>21.</b>	2021MSCP27	SIVAPRIYA M
<b>22.</b>	2021MSCP28	ABINAYA A
<b>I M. Sc. PHYSICS</b>		
<b>23.</b>	2022MSCP01	ANEE JOSEPHA D
<b>24.</b>	2022MSCP02	APARNA K

25.	2022MSCP03	AVILA FRANCINA D
26.	2022MSCP04	BALAMEENA S
27.	2022MSCP05	DHARSHINI J
28.	2022MSCP06	DHIYASHREE M
29.	2022MSCP08	ISHWARIYA RANI N S
30.	2022MSCP10	JENO S
31.	2022MSCP11	JESWIL S
32.	2022MSCP12	JEYAMEENA P
33.	2022MSCP13	JOSHINI H
34.	2022MSCP14	LARA KUMARI S R
35.	2022MSCP15	MANJUPARKAVI R
36.	2022MSCP16	PADMHA PRIYA K S
37.	2022MSCP17	PRIYADHARSHINI M
38.	2022MSCP19	SABARNIKKA C
39.	2022MSCP20	SALEITH EVANJALINE S
40.	2022MSCP21	SARUMATHI S
41.	2022MSCP22	SHIVADHARINI M
42.	2022MSCP23	SUBASHINI S
43.	2022MSCP24	SUBASHINI V
44.	2022MSCP25	SUSAN KEZIAH A
45.	2022MSCP26	THIVYAVANI RM
46.	2022MSCP27	YOGADHARSHINI M
47.	2020MSCP24	SUBHAKARTHIKA M R
<b>III B. Sc. PHYSICS</b>		
48.	2020P01	ABARNA J
49.	2020P02	ABINAYA C
50.	2020P03	ABISHA S
51.	2020P04	AILEEN MATHARASI A



52.	2020P05	ANCITTA D
53.	2020P06	ANUSUYA MARY R
54.	2020P07	BERSHINA P
55.	2020P08	BHUVANESHWARI V
56.	2020P10	DEVADHARSHINI T
57.	2020P11	DIVAIN PENNI J
58.	2020P12	DONCY PUNITHA J
59.	2020P15	JASMIN FATIMA G
60.	2020P16	JEFFRINA J
61.	2020P17	JEYASHREE B
62.	2020P18	KAVITHA P
63.	2020P19	KEERTHANA C
64.	2020P20	KIRUTHIKA R
65.	2020P22	LAVANYA P
66.	2020P23	NANDHINI DEVI V
67.	2020P24	NANDHINI K
68.	2020P25	NITHYA SHREE G
69.	2020P26	RITHIKA M
70.	2020P27	ROSHAL R
71.	2020P28	ROSHINI T
72.	2020P29	SAFREEN ASHIMA S
73.	2020P30	SALIMA SULTHANA M
74.	2020P31	SHALINIPRIYA J
75.	2020P32	SWEETLIN SHERLY C
76.	2020P33	SYLVIA JOAN J
77.	2020P34	THIYATHRA RISEN R
78.	2020P35	VISHNU VARDHINI J

<b>79.</b>	2020P37	HARISH IFRIN S N
<b>80.</b>	2020P38	MATHUMITHA R
<b>81.</b>	2020P39	NANCY BEAULAH R
<b>82.</b>	2020P41	SANTHIYA S
<b>II B. Sc. PHYSICS</b>		
<b>83.</b>	2021P01	AARTHI T
<b>84.</b>	2021P02	ABINAYA SRI U
<b>85.</b>	2021P03	ABIRAMI M
<b>86.</b>	2021P04	ANUJA S
<b>87.</b>	2021P06	BAVANI M S
<b>88.</b>	2021P07	CYNTHIAA L
<b>89.</b>	2021P08	DHANA SRI V
<b>90.</b>	2021P09	DHANANEE R
<b>91.</b>	2021P10	DHARSHINI V
<b>92.</b>	2021P11	ESAKKIYAMMAL K
<b>93.</b>	2021P12	JASMINE SAHAY OVIYA S
<b>94.</b>	2021P14	JERLIN E
<b>95.</b>	2021P15	JOYLIN DHARSHINI C
<b>96.</b>	2021P18	KAREN BEAULAH ROSE S
<b>97.</b>	2021P19	KARISHMA BHARGAVI R
<b>98.</b>	2021P20	KEERTHANA K
<b>99.</b>	2021P22	HARINI M
<b>100.</b>	2021P23	MAHALAKSHMI D
<b>101.</b>	2021P24	MARIA ROSELIN RANI B
<b>102.</b>	2021P25	MARIAM JAMILA S
<b>103.</b>	2021P26	MATHIYALINI V
<b>104.</b>	2021P27	MONICKA SELESTIN A
<b>105.</b>	2021P29	PRADEEPA S



106.	2021P31	ROFFINA E
107.	2021P32	ROOPA ROSLIN S
108.	2021P33	SAHANA PARVIN M
109.	2021P34	SARU MATHI C
110.	2021P35	SHARINA JOE KATHRIN A
111.	2021P36	SOFIYA DEVI K
112.	2021P37	SREETHI JINANI RAJ M
113.	2021P38	SRI DEVI U
114.	2021P39	SWAATHY B
115.	2021P40	THAIS J
116.	2021P41	VEERA PANDEESWARI S
117.	2021P42	ABIRAMI P R
118.	2021P43	SOBHIYA ANBARASI K
119.	2021P44	SWATHI R
120.	2021P45	PADHUVA STERLIN T
121.	2021P46	ABOORVA LAKSHMI D
122.	2021P47	KAVIYA M
123.	2021P49	SHALINI B

*A. Sheela Vimala Rani*

**Signature of HOD**

Dr. A. SHEELA VIMALA RANI  
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