

Fatima College (Autonomous), Madurai 18

Department of Physics

Title : Guest lecture on “Hydrophobic hydrophilic effects in protein folding”

Date : 19.01.2019

Resource Person : Prof. Arie Ben –Naim, Professor Emeritus, Department of University of Jerusalem, Jerusalem, Israel

No. of Participants : 95

Focus on : **Entrepreneurship & Skill Development**

Outcome : The participants

- **acquired the knowledge of the protein folding mechanism**
- **were informed about the technique which has wide range of applications in geology, material science, environmental science, chemistry, forensic science, and the pharmaceutical industry, among others.**

Report:

The Dept of Physics arranged a guest lecture on “**Hydrophobic Hydrophilic effects in Protein Folding**” by Prof. Arie Ben–Naim, Professor Emeritus, Department of University of Jerusalem, Jerusalem, Israel delivered the lecture on this title on 19.01.2019. He introduced the topic of **Protein folding** and described it as the physical process by which a protein chain acquires its native 3 dimensional structure, conformation that is usually biologically functional, in an expeditious and reproducible manner.

It is the physical process by which a polypeptide folds into its characteristic and functional three-dimensional structure from a random coil. He insisted upon the fact that The correct three-dimensional structure is essential to function, although some parts of functional proteins may remain unfolded, so that protein dynamics is important. Acquiring the knowledge of the protein folding mechanism is a real skill in the emerging field of biophysics. 95 students participated and they found this talk extremely useful as the technique has wide range of applications in geology, material science, environmental science, chemistry, forensic science, and the pharmaceutical industry, among others.

*FATIMA COLLEGE (Autonomous)
College with Potential for Excellence
Re-Accredited with 'A' grade by NAAC
Maryland, Madurai - 18.*



**DEPT. OF PHYSICS
ORGANIZES
GUEST LECTURE**

By

**PROF. ARIEH BEN –NAIM,
PROFESSOR EMERITUS, DEPARTMENT OF
UNIVERSITY OF JERUSALEM, JERUSALEM,
ISRAEL**

On

**“HYDROPHOBIC HYDROPHILIC EFFECTS IN
PROTEIN FOLDING”**

Date: 19.01.2019

Time: 11.00 am



Prof. Arie Ben-Naim, Professor Emeritus, Department of Physics, University of Jerusalem, Israel, delivering the lecture on protein folding dynamics.

List of Student Participants

S.No	Reg.No	Name
1	2017P01	AGNES PRISTY I
2	2017P02	AKSHAYAA G
3	2017P03	AMALU SATHEESH
4	2017P04	ANEE JOSEPHA D
5	2017P05	ANNIE ROSELIN K
6	2017P06	ASSUMPTANA SIRUMALAR A
7	2017P07	BOWLINA A
8	2017P08	CELSI CLARIS J
9	2017P09	DARATHY CELCIYA A
10	2017P10	DEEPITHAKUMARI S
11	2017P11	DEVIGURUMATHI J
12	2017P12	DILYS SIDONY D
13	2017P13	FATHIMA VINNARASI A
14	2017P14	FEMI C
15	2017P15	FRANCIS GRACY A
16	2017P16	GNANAMALAR A
17	2017P17	HARINI T
18	2017P18	HARINI PRIYA S
19	2017P19	INDU PRIYADARSHINI S
20	2017P20	JASI AKAL SUGAPRIYA S
21	2017P21	JEEVIMELONIYA N

22	2017P22	JEEVITHA S
23	2017P23	JOHXY C
24	2017P24	KANISIYA R
25	2017P25	KARUNYA L
26	2017P26	KOWSALYA C M
27	2017P27	MADHUGOWRI S
28	2017P28	NANCY SUPRINA N
29	2017P29	PAVITHRA E
30	2017P30	PAVITHRA DEVI T
31	2017P31	POOJA L
32	2017P32	PRATHIKSHA S
33	2017P33	PREETHA E
34	2017P34	PRISILLA J
35	2017P35	ROSELIN VINNARASI P
36	2017P36	ROSHINI J
37	2017P37	RUBY REBECKA A
38	2017P38	SANGEETHA J P
39	2017P39	SARANYA K
40	2017P40	SHRINIDHY M
41	2017P41	SONALEE S M
42	2017P42	SOUNDARIYA A
43	2017P43	SURIYA PRABHA M
44	2017P44	THARANI RS
45	2017P45	YOGA MEENA R
46	2017P46	YUVADHARANI D
47	2017P47	BHAVANI SRI BHARATHI S
48	2018P01	CAROL FRANCY JENOVA J
49	2018P02	DHILIBA A
50	2018P03	DHIVYA M
51	2018P04	FEMI MARIA PAULINE J
52	2018P05	JANU S
53	2018P06	JASMINE ROSY A
54	2018P07	JEYAPRIYA M A
55	2018P08	KALPANADEVI P
56	2018P09	KOWSALYA BHARATHI B
57	2018P10	MANOBALA G
58	2018P11	MEENAKSHI R
59	2018P12	MEGARAJ BEGAM M
60	2018P13	NILA A
61	2018P14	NIVETHA PRIYADHARSHINI M
62	2018P15	NIVETHA S
63	2018P16	SAHAYA DEEBIKA P
64	2018P17	SELVISWETHA R
65	2018P18	SIVARANJANI B
66	2018P19	SRI VARSHINI S

67	2018P20	SUPALDI SEBASTINA P
68	2018P21	SWATHI BOSENI K
69	2018P22	VIRGIN PRAGASPATHI J
70	2018P23	NIKSHALA A
71	2018P24	ASHIKA V
72	2018P25	DEEPIKA R
73	2018P26	DIAS SHARMATHI D
74	2019P01	FELCY JOSE ROY J
75	2019P02	HARISHMA B
76	2019P03	JAMES LINIA P
77	2019P04	JENIFER K
78	2019P05	JERLINFATIRANJITHAM E
79	2019P06	JOSIBA AROCKIA
80	2019P07	KEERTHIGA V
81	2019P08	LOGANAYAH V M
82	2019P09	MERLIN PREETHI P
83	2019P10	MOHANAAMUTHUSELVI P
84	2019P11	MONICA A
85	2019P12	PREMIGA P
86	2019P13	SHANMUGHA SOUNDARE
87	2019P14	SHEEBA JESIN MERCY S
88	2019P15	SHEELA JENIFER A
89	2019P16	SHOBIKA B
90	2019P17	SOWMYA P
91	2019P18	SWEATHA N
92	2019P19	VINOTHA V
93	2019P20	JENOVA P
94	2019P21	IRUDAYA NICHOMI S
95	2019P22	YOGADHARSHINI B