



DEPARTMENT :CHEMISTRY

ACTIVITY : LECTURE

YEAR : 2017-2018

DEPARTMENT OF CHEMISTRY

DATE	TIME	VENUE
21.09.2017	10.00 a.m. To 03.30 p.m.	E.S.R. Alamelu Ammal Memorial Hall, EMGYWC
Theme	Student Development Programme	
Nature of the Activity	Lecture	
Title	"Stereochemistry and its Importance in Medicinal Chemistry"	
Convener	Dr. P.Bhuvaneswari Assistant Professor of Chemistry EMGYWC	
Resource Person	Dr. A.Ponnusamy Head, Chairperson, Department of Organic Chemistry Madurai Kamaraj University	
Participants	Students - 184 Faculty - 4	

SDP ON "STEREOCHEMISTRY AND ITS IMPORTANCE IN MEDICINAL CHEMISTRY"

Objectives:

- To introduce the fundamental concepts of stereochemistry in the context of drug development.
- To understand structural elucidation techniques and conformational analysis of bioactive compounds.
- To explore the role of stereochemistry in determining the physico-chemical properties of drugs.
- To analyze the significance of molecular conformation in computational drug docking and virtual screening.
- To examine the conformational behavior of flexible biomolecules and their impact on therapeutic efficiency.

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Programme Outcome: Students gained comprehensive insights into the principles of stereochemistry and the significance of conformational analysis in medicinal chemistry. The session deepened their understanding of how the three-dimensional arrangement of atoms in a molecule can dramatically influence its pharmacological activity. Emphasis was placed on the pivotal role of stereochemistry in drug design, particularly in drug-receptor interactions and computational drug discovery. Through detailed discussions and examples, students learned how molecular structure and spatial orientation impact the efficacy, safety, and specificity of pharmaceutical compounds. This programme enriched their perspective on the importance of stereochemical considerations in modern pharmaceutical research and development.

Invitation



E.M.G YADAVA WOMEN'S COLLEGE, MADURAI - 625014
(An Autonomous Institution – Affiliated to Madurai Kamaraj University)
Re-accredited (3rd Cycle) with Grade 'A+' Grade by NAAC CGPA 3.51

One day Inter-Collegiate Enlightening Programme in Chemistry

Resource Person : **Prof.A.Ponnusamy**, Head & Chairperson
Department of Organic Chemistry
School of Chemistry
Madurai Kamaraj University
Madurai-625 021
e-mail : chairperson@gmail.com; ramradkrish@yahoo.co.in
mobile: 9600868323

Objectives of the Programme : 1) Motivation of the students towards Science Education.
2) Enlighten young teachers about the simple and methodological approach in teaching stereochemistry.

Date : **21.09.2017** (Thursday)

Lecture 1 : 10.00am–11.30am - **Basic Stereochemistry**

Interactive session : 11.40am–12.15pm - Students/Participants interaction

Lunch : 12.15pm–1.00pm

Lecture 2 : 1.00pm–2.45pm - **Stereochemistry and its importance in Medicinal Chemistry**

Interactive session : 2.45pm–3.00pm - Students/Participants interaction

Students/Teachers

Feed back : 3.00pm–3.15pm

Certificate Distribution : 3.15pm -3.30pm

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Student Development Programme, Lecture on "Stereochemistry and its Importance in Medicinal Chemistry"- 21.09.2017

EMG Yadava Women's College		
Department of Chemistry		
One day Inter-Collegiate Enlightening Programme in Chemistry		
Title of the Programme: Stereochemistry and its importance in medical chemistry		
Date: 21.09.2017		
S.No	Name of the Participants	Feed back
1	A. Karthiga	Very good
2	S. Abirami	Good
3	V. Geetha	Excellent
4	K. Kalaivani	Very Good
5	V. Gopalakrishnan	Good
6	K. Vinitha	Excellent
7	R. Selvarani	Very Good
8	D. Kamrishi	Excellent
9	S. Anitha	Good, it is useful
10	K. Babu	Very good
11	S. Alageswari	good
12	D. Anantham	Very Nice
13	N. Vignesh	Nice
14	G. Venkateshwaran	Excellent
15	K. Kodimala	Excellent
16	S. chandra Gandhi	good
17	K. Kavignila	Super
18	S. kamalar	Good

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19	R. Mahalakshmi	Good.
20	R. Nivethitha	Excellent.
21	M. Janani	Excellent.
22	B. Divya Dharsini	Excellent.
23	m. Renu sri	Good
24	J. Ragavi	Excellent
25	M. Manoj Panjani	Very Good
26	P. Sandhya	Very Good
27	H. Veera Janani	Excellent.
28	M. Yazhini	Very Good
29	p. Ganesh priya	Excellent.
30	N. Sindha	Excellent
31	T. Sandhya	Excellent
32	Cheruvathi	Very Good
33	P. Sowmya	Excellent

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1. Student participants of EMGYWC:

SDP, Lecture on "Stereochemistry and its Importance in Medicinal Chemistry"- 21.09.2017			
S.No.	REGISTER NUMBER	NAME	DEPARTMENT
1.	17CHE01	Abbiramy.G.U	I B.Sc. Chemistry
2.	17CHE02	Abitha.S	I B.Sc. Chemistry
3.	17CHE03	Anitha.T	I B.Sc. Chemistry
4.	17CHE04	Archana.G	I B.Sc. Chemistry
5.	17CHE05	Bagavathy Pandiammal.A	I B.Sc. Chemistry
6.	17CHE06	Bhuvaneshwari.K	I B.Sc. Chemistry
7.	17CHE07	Dhanalakshmi.K	I B.Sc. Chemistry
8.	17CHE08	Divyashri.K	I B.Sc. Chemistry
9.	17CHE09	Eswari.G	I B.Sc. Chemistry
10.	17CHE10	Haripriya.K	I B.Sc. Chemistry
11.	17CHE11	Harsha Varthini.S	I B.Sc. Chemistry
12.	17CHE12	Indhumadhi.M	I B.Sc. Chemistry
13.	17CHE13	Jegatheeshwari.R	I B.Sc. Chemistry
14.	17CHE14	Jeya Priya.P	I B.Sc. Chemistry
15.	17CHE15	Karthiga.K	I B.Sc. Chemistry
16.	17CHE16	Kayal Vizhi.G	I B.Sc. Chemistry
17.	17CHE17	Keerthana.M	I B.Sc. Chemistry
18.	17CHE18	Keerthana.R	I B.Sc. Chemistry
19.	17CHE19	Krishnaveni.K	I B.Sc. Chemistry
20.	17CHE20	Krishnaveni.P	I B.Sc. Chemistry
21.	17CHE21	Mangayarkarasi.M	I B.Sc. Chemistry
22.	17CHE22	Meenakshi.R	I B.Sc. Chemistry
23.	17CHE23	Monisha.K	I B.Sc. Chemistry
24.	17CHE24	Nivarthi.M	I B.Sc. Chemistry
25.	17CHE25	Nivetha.V	I B.Sc. Chemistry
26.	17CHE26	Pavithra.M	I B.Sc. Chemistry

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27.	17CHE27	Pavithra.V	I B.Sc. Chemistry
28.	17CHE28	Prathiba.R	I B.Sc. Chemistry
29.	17CHE29	Preethika.K	I B.Sc. Chemistry
30.	17CHE30	Preethy.K	I B.Sc. Chemistry
31.	17CHE31	Rajasulochana.S	I B.Sc. Chemistry
32.	17CHE32	Saranya.M	I B.Sc. Chemistry
33.	17CHE33	Sarika.R	I B.Sc. Chemistry
34.	17CHE34	Sathya Priya.S	I B.Sc. Chemistry
35.	17CHE35	Selvi.J	I B.Sc. Chemistry
36.	17CHE36	Shalini.B	I B.Sc. Chemistry
37.	17CHE37	Sowmiya.M	I B.Sc. Chemistry
38.	17CHE38	Sowndharya.S	I B.Sc. Chemistry
39.	17CHE39	Swathy.D	I B.Sc. Chemistry
40.	17CHE40	Swetha.K	I B.Sc. Chemistry
41.	17CHE41	Vaishnavi.H	I B.Sc. Chemistry
42.	17CHE42	Varsha.R	I B.Sc. Chemistry
43.	17CHE43	Vinitha.L	I B.Sc. Chemistry
44.	17CHE44	Vinitha.M	I B.Sc. Chemistry
45.	17CHE45	Vinodhini.U	I B.Sc. Chemistry
46.	17CHE46	Vishalani.K	I B.Sc. Chemistry
47.	17CHE47	Yadav Krishnaveni.S	I B.Sc. Chemistry

II YEAR			
S.No.	REGISTER NUMBER	NAME	DEPARTMENT
1.	16CHE01	Abarna.R	II B.Sc. Chemistry
2.	16CHE02	Aishwarya.S	II B.Sc. Chemistry
3.	16CHE03	Ajitha. N	II B.Sc. Chemistry
4.	16CHE04	Akila. T	II B.Sc. Chemistry
5.	16CHE05	Akshaya. A	II B.Sc. Chemistry
6.	16CHE06	Amritha. V	II B.Sc. Chemistry

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7.	16CHE07	Anantha Jothi. A	II B.Sc. Chemistry
8.	16CHE08	Anitha. A	II B.Sc. Chemistry
9.	16CHE09	Arunmozhi. A	II B.Sc. Chemistry
10.	16CHE10	Asha. V	II B.Sc. Chemistry
11.	16CHE11	Bhavani. B	II B.Sc. Chemistry
12.	16CHE12	Divya Bharathi. M	II B.Sc. Chemistry
13.	16CHE13	Divya. G	II B.Sc. Chemistry
14.	16CHE14	Gayathri. N	II B.Sc. Chemistry
15.	16CHE15	Gowsalya. R	II B.Sc. Chemistry
16.	16CHE16	Gunavathi. G	II B.Sc. Chemistry
17.	16CHE17	Hari Shankari. S	II B.Sc. Chemistry
18.	16CHE18	Junesy Helen. E	II B.Sc. Chemistry
19.	16CHE19	Karthika.K	II B.Sc. Chemistry
20.	16CHE20	Kaviya. T	II B.Sc. Chemistry
21.	16CHE21	Keerthana. S	II B.Sc. Chemistry
22.	16CHE22	Lakshmi. K	II B.Sc. Chemistry
23.	16CHE23	Maamathy. M	II B.Sc. Chemistry
24.	16CHE25	Mathu Abitha. R	II B.Sc. Chemistry
25.	16CHE26	Muthumari. T	II B.Sc. Chemistry
26.	16CHE27	Nagajothi. M	II B.Sc. Chemistry
27.	16CHE28	Nimaritha. G	II B.Sc. Chemistry
28.	16CHE29	Pandi Meena. T	II B.Sc. Chemistry
29.	16CHE30	Ramya. G	II B.Sc. Chemistry
30.	16CHE31	Ramya Bharathi. M	II B.Sc. Chemistry
31.	16CHE32	Ramya Dharshini. M	II B.Sc. Chemistry
32.	16CHE33	Rogini. J	II B.Sc. Chemistry
33.	16CHE34	Roopashree. B	II B.Sc. Chemistry
34.	16CHE35	Sameema Barveen. J	II B.Sc. Chemistry
35.	16CHE36	Sathya Sheela. S	II B.Sc. Chemistry
36.	16CHE37	Shanmuga Brindha. M	II B.Sc. Chemistry

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37.	16CHE38	Shrinithi. S	II B.Sc. Chemistry
38.	16CHE39	Sindhiya. A.P	II B.Sc. Chemistry
39.	16CHE40	Siva Ranjani. S	II B.Sc. Chemistry
40.	16CHE41	Siva Sankari. P	II B.Sc. Chemistry
41.	16CHE42	Sona. P	II B.Sc. Chemistry
42.	16CHE43	Srividya. G	II B.Sc. Chemistry
43.	16CHE44	Subbalakshmi. S	II B.Sc. Chemistry
44.	16CHE45	Suberiya. J	II B.Sc. Chemistry
45.	16CHE46	Suganya. D	II B.Sc. Chemistry
46.	16CHE47	Veera PAndiyammal. A	II B.Sc. Chemistry
47.	16CHE48	Venmathi. K	II B.Sc. Chemistry
48.	16CHE49	Vijayalakshmi, K.A	II B.Sc. Chemistry
49.	16CHE50	Vijipandeeswari. M	II B.Sc. Chemistry
50.	16CHE51	Vimala. P	II B.Sc. Chemistry
51.	16CHE52	Vinitha. P	II B.Sc. Chemistry
52.	16CHE53	Vinitha. R	II B.Sc. Chemistry
53.	16CHE54	Yuvarani. L	II B.Sc. Chemistry
54.	16CHE55	Rooki Rukshana. S	II B.Sc. Chemistry

III YEAR			
S.No.	REGISTER NUMBER	NAME	DEPARTMENT
1.	15CHE01	A.Anandhi	III B.Sc. Chemistry
2.	15CHE02	S.Anitha	III B.Sc. Chemistry
3.	15CHE03	K.Bavitharani	III B.Sc. Chemistry
4.	15CHE04	S.Brindha	III B.Sc. Chemistry
5.	15CHE05	B.Deepa	III B.Sc. Chemistry
6.	15CHE06	M.Deepa	III B.Sc. Chemistry
7.	15CHE07	S.Deepa	III B.Sc. Chemistry
8.	15CHE08	S.Divya	III B.Sc. Chemistry
9.	15CHE09	S.Divya manikkam	III B.Sc. Chemistry

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10.	15CHE10	B.Gayathri	III B.Sc. Chemistry
11.	15CHE11	C.Gayathri	III B.Sc. Chemistry
12.	15CHE12	M.Gayathri	III B.Sc. Chemistry
13.	15CHE13	A.Indu niroja	III B.Sc. Chemistry
14.	15CHE14	R.Kanaga marishwari	III B.Sc. Chemistry
15.	15CHE15	S.Karthika	III B.Sc. Chemistry
16.	15CHE16	S.Karthika	III B.Sc. Chemistry
17.	15CHE17	A.Kowsalya	III B.Sc. Chemistry
18.	15CHE18	P.Mahalakshmi	III B.Sc. Chemistry
19.	15CHE19	V.Mani mala	III B.Sc. Chemistry
20.	15CHE20	T.Manjuparkavi	III B.Sc. Chemistry
21.	15CHE21	K.Nagoor kani	III B.Sc. Chemistry
22.	15CHE22	P.Nanthini	III B.Sc. Chemistry
23.	15CHE23	G.Pandeeswari	III B.Sc. Chemistry
24.	15CHE24	R.Parameswari	III B.Sc. Chemistry
25.	15CHE25	C.Pavithra	III B.Sc. Chemistry
26.	15CHE26	K.Ponmuthu	III B.Sc. Chemistry
27.	15CHE27	T.Ponnarasi	III B.Sc. Chemistry
28.	15CHE28	K.Poorneswari	III B.Sc. Chemistry
29.	15CHE29	S.Pratheesha	III B.Sc. Chemistry
30.	15CHE30	A.Raja subha bharathy	III B.Sc. Chemistry
31.	15CHE31	K.Rakkupriya	III B.Sc. Chemistry
32.	15CHE32	E.Ramya	III B.Sc. Chemistry
33.	15CHE33	K.Ramya	III B.Sc. Chemistry
34.	15CHE34	S.Sangavi	III B.Sc. Chemistry
35.	15CHE35	R.Sangeetha	III B.Sc. Chemistry
36.	15CHE36	S.Sangeetha	III B.Sc. Chemistry
37.	15CHE37	K.Saranya	III B.Sc. Chemistry
38.	15CHE38	V.Sarathi	III B.Sc. Chemistry
39.	15CHE39	P.Shanmugapriya	III B.Sc. Chemistry

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40.	15CHE41	S.Sinthiya ramana	III B.Sc. Chemistry
41.	15CHE42	V.Sobiya	III B.Sc. Chemistry
42.	15CHE43	S.Soundarapriya	III B.Sc. Chemistry
43.	15CHE44	M.Subasri	III B.Sc. Chemistry
44.	15CHE45	P.Sumithra	III B.Sc. Chemistry
45.	15CHE46	S.Sundaradivya	III B.Sc. Chemistry
46.	15CHE47	K.Suriya	III B.Sc. Chemistry
47.	15CHE48	N.Surya	III B.Sc. Chemistry
48.	15CHE49	R.Thadchini	III B.Sc. Chemistry
49.	15CHE50	R.Vaishnavi	III B.Sc. Chemistry
50.	15CHE51	R.Yoga alias	III B.Sc. Chemistry

2. Student participants of other Institution:

SDP, Lecture on "Stereochemistry and its Importance in Medicinal Chemistry"- 21.09.2017		
S.No.	NAME	DEPARTMENT
1.	A.Karthiga	P.K.N College
2.	S.Abirami	P.K.N College
3.	V.Geetha	P.K.N College
4.	K.Kalaivani	P.K.N College
5.	V.Gopalakrishnan	P.K.N College
6.	K.Vinoth	P.K.N College
7.	R.Selvarani	P.K.N College
8.	D.Kanimozhi	P.K.N College
9.	S.Anitha	P.K.N College
10.	K.Babu	P.K.N College
11.	S.Azhageshwari	Yadava College
12.	A.Ananthem	Yadava College
13.	N.Viknesh	Yadava College
14.	G.Vengadeshwaran	Yadava College

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15.	K.Kodimalar	Yadava College
16.	S.Chanthraganthi	Yadava College
17.	K.Kavinila	Yadava College
18.	S.Kanimazhar	Yadava College
19.	R.Mahalakshmi	Yadava College
20.	R.Nivethitha	Yadava College
21.	M.Janani	Yadava College
22.	B.Divya dharshini	Yadava College
23.	M.Renu sri	Yadava College
24.	J.Ragavi	Yadava College
25.	M.Mano Ranjani	Yadava College
26.	P.Sandhiya	Yadava College
27.	H.Veera janane	Yadava College
28.	M.Yazhini	Yadava College
29.	P.Ganesh priya	Yadava College
30.	N.Brindha	Yadava College
31.	T.Sandhiya	Yadava College
32.	Chervothi	Yadava College
33.	P.Sowmiya	Yadava College

2. Faculty participants of other Institution:

SDP, Lecture on "Stereochemistry and its Importance in Medicinal Chemistry"- 21.09.2017		
S.No.	NAME	DESIGNATION WITH DEPARTMENT
1.	Mrs. P.Bhuvaneswari	Head, Assistant Professor of Chemistry
2	Mrs. .S.Manimekalai	Assistant Professor of Chemistry
3	K.Suganya	Assistant Professor of Chemistry
4	B.Amutha	Assistant Professor of Chemistry