



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A++" Grade by NAAC | 12B Status by UGC | Approved by AICTE

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SCHOOL OF PHARMACY

1.3.2 Value Added Courses 2023- 2024

S. No.	Title	Dates	Page No.
1	Current Updates in Pharmaceutical Science	26 th June-2023 to 05 th July-2023.	2
2	Use of Automations in Pharmacy	04 th March-2024 to 05 th March-2024	7

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai – 600 119.

1. Current Updates in Pharmaceutical Science

COURSE DESCRIPTION

Value Added course enriches the knowledge on various pharmaceutical calculations in formulation of dosage forms and its administration.

COURSE OUTCOMES

Upon completion of this program the student will have fundamental knowledge in preparing conventional dosage forms

COURSE CONTENTS

S.No	Topic Name	No. of Hours
1	Green Chemistry in drug discovery	6
2	Concepts of Novel Drug delivery systems	6
3	Advances in pharmaceutical Product development	6
4	Animal Pharmacology	6
5	Innovative new dosage forms used for drug delivery	6
Total No. of Hours		30 Hours

CHIEF PATRON

Dr. Mariazeena Johnson Chancellor, SIST

Dr. Marie Johnson President, SIST

Mr. J. Arul Selvan Vice-President, SIST

Mrs. Maria Bernadette Tamilarasi Vice-president, SIST

Ms. Maria Catherine Jayapriya Vice-president, SIST



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Approved by PCI, New Delhi



SCHOOL OF PHARMACY

VALUE ADDED COURSES

Course Name: Current Updates in Pharmaceutical Science

Dates: 26.06.2023 to 05.07.2023



CONVENOR

Dr. P. Shanmugapandiyan,
Dean, School of Pharmacy.

SYLLABUS

Chapter No.	Topic Name	Resource Person	No. of Hours
1	Green Chemistry in drug discovery	Dr. L. Kaviarasan Assistant Professor School of Pharmacy, SIST	8hrs
2	Concepts of Novel Drug delivery systems	Dr.S.Amudha Associate Professor School of Pharmacy, SIST	7hrs
3	Advances in pharmaceutical Product development	Dr.Joan Vijetha. S Associate Professor School of Pharmacy, SIST	7hrs
4	Animal Pharmacology	Dr. S. Arunsundar Associate Professor School of Pharmacy, SIST	4hrs
5	Innovative new dosage forms used for drug delivery	Mr. Voleti Vijaya Kumar Assistant Professor School of Pharmacy, SIST	4hrs
Total Hours			30 hrs

Outcomes of the Course:

Upon completion of this program the student will able to

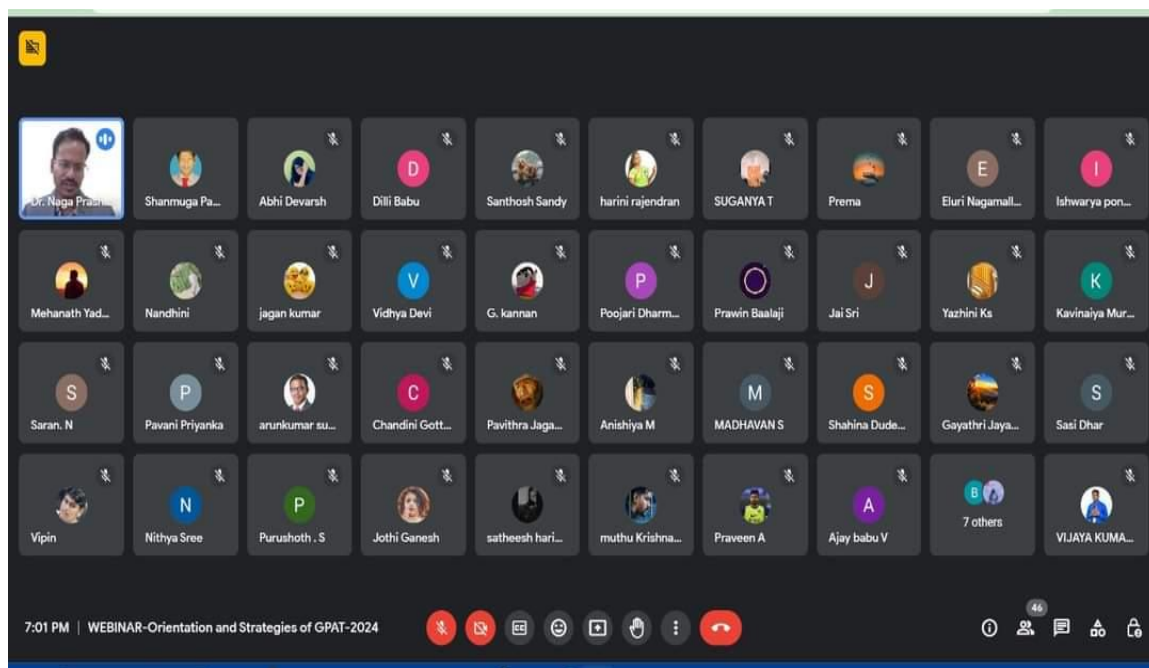
- know the concepts of Green chemistry in drug discovery and development.
- understand the novel concepts in novel drug delivery systems
- Understand the concepts in pharmaceutical product development and new dosage forms
- Practice the animal models used in pharmacology experimentations.

List of the students

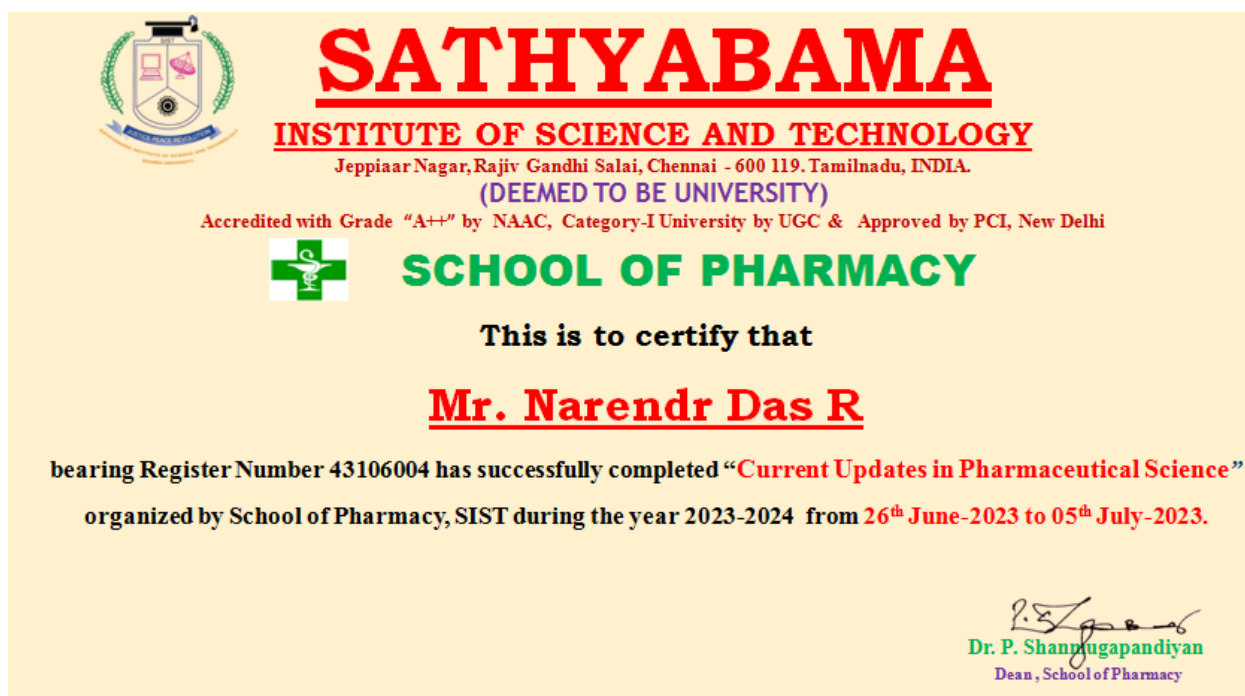
S.No	Registration Number	Student Name
1	43010601	PRASANTH.V
2	43106002	ROHIT B.T
3	43106003	SATHMIGA. P
4	43106004	NARENDR DAS R
5	43106006	ABINAYA.C
6	43106007	ABITHA.C
7	43106008	NITHISH KUMAR.A
8	43106009	KALIL JIBRAN.S
9	42106001	JAYAHARINI.B
10	42106002	GOMATHI.R
11	42106003	SUBRAMANI S
12	42106004	PAVAN.M
13	42106005	KANCHANA.S
14	42106006	SAMINA FATHIMA.AH
15	42106007	SAITHARUN.SP
16	42106008	NOORA.N
17	43050001	AFRA BANU.S
18	43050002	ASHISH.A
19	43050003	BAVADHARANI.B
20	43050004	BODDUBOINA MAHESWARI
21	43050005	CHITRA DEVI.S
22	43050006	SUBASH D
23	43050007	DAVIS BRIGHT.D
24	43050008	DHANUJA.M
25	43050009	DINAKARAN.P
26	43050010	DIVYASRI.D
27	43050011	ELAKIYA. S
28	43050012	GRACE PRAISY GEOVANNA.A
29	43050013	HARIRAJAN R
30	43050014	HARSHAVARDHAN .K.B
31	43050015	SURENDAR J
32	43050016	JANANI.R
33	43050017	JOSHIKA.S
34	43050018	K. GOKUL SREE
35	43050019	KANIKANTI SUJITHA RANI.V
36	43050020	KEERTHI N
37	43050021	KEERTHIKA.V
38	43050023	LITESH KUMAR.V
39	43050024	MADUMITHA.S
40	43050025	MAGESHWARI.C
41	43050026	MAHALAKSHMI.R

42	43050027	MAIYARIVU.S
43	43050028	MANISHA. K
44	43050029	K MANISHA
45	43050030	MOHAMMAD RAIYAN
46	43050031	MOHAMMED FAIZIL .S
47	43050032	MOHAMMED JUNAID
48	43050033	MUFIN SHEERIN. I
49	43050034	NIDHESH KUMAR.S
50	43050035	NISHA .D
51	43050036	PEDAPUDI ADARSH RICHARD SAMUEL
52	43050037	POOJA GAYATHRI P
53	43050038	POOJA.K
54	43050039	PREETHI. R
55	43050040	PRIYANKA.T
56	43050041	YOKESHWARAN.R
57	43050042	RAVIBALAN .M
58	43050043	ROBINE ANTONEY.S
59	43050044	VENKATNARAYANAN S K
60	43050045	VASU S
61	43050046	SANJAY.S
62	43050047	SANTHOSH.K
63	43050048	STEFINA JACQULINE
64	43050049	SUBASH.M
65	43050050	SUDHAN KUMAR.S
66	43050051	SUMAIYA FARHANA.A
67	43050053	TEJASVINI O
68	43050054	THAMARAI SELVI PERUMAL
69	43050055	THARUN E
70	43050056	THASBIYA JERIN. K
71	43050057	UDHAYA KUMAR S
72	43050058	V HARIKA
73	43050059	VASHRUTHI. V
74	43050060	VIJAY.A
75	43050061	VISHNU PRASAD J
76	43050062	YASHWANTH. P
77	43050064	NAVEEN G
78	43050065	RAJAGURU M
79	43050066	KUMAR. P
80	43050067	MONISH RAJ S
81	43050068	HARISH S
82	43050069	NIVETHA S
83	43050070	JESTIN JOSHUVA E
84	43050071	SHAINAVI.P

85	43050072	DEECHIKA.S
86	43050073	JASMINE.U
87	43050074	NIRAMA S
88	43050075	KALASRI.T
89	43050076	GOKUL.S
90	43050077	KISHORE M.S
91	43050078	SURYATEJA. C
92	43050079	MOHAMED ISHAQ S
93	43050080	JAYASENA B
94	43050081	ADHI SURIYA. R
95	43050082	VADIVELAN. V
96	43050083	HELAN SHINY M
97	43050084	PRAVIN KUMAR. E
98	43050085	NITHINRAJ.M
99	43050086	NANTHANA S
100	43050087	GOUTHAM GEHLOTH.M
101	43050088	S ROHITHKANNA
102	43050089	PANBUMANI.R
103	43050090	JEEVIKA.J
104	43050091	ABINAYA YADHAV. R
105	43050092	SIVAKAMI. R.H
106	43050093	HARI PRASATH
107	43050094	ANSELLA PEARLY.M
108	43050095	NANDHINI.V
109	43050096	SHARMI .S
110	42050030	MOHAN RAJI K
111	42050031	NAVEEN A P
112	42050032	NAVEENKUMAR G
113	42050033	NIVETHA K
114	42050034	NOORUL AMEEN A
115	42050035	PANIMALAR R
116	42050036	PAVITHRA R



CERTIFICATE



2. Use of Automations in Pharmacy

COURSE DESCRIPTION

Value Added course enriches the knowledge on various pharmaceutical calculations in formulation of dosage forms and its administration.

COURSE OUTCOMES

Upon completion of this program the student will have fundamental knowledge in preparing conventional dosage forms

COURSE CONTENTS

S.No	Topic Name	No. of Hours
1	ARTIFICIAL INTELLIGENCE IN PHARMACY	6
2	AUTOMATION IN HOSPITAL PHARMACY	6
3	ARTIFICIAL INTELLIGENCE ROBOTICS AND COMPUTATIONAL FLUID DYNAMICS	6
4	AUTOMATION IN PRESCRIPTION RECORDING APPLICATIONS	6
5	EX-PHARM	6
Total No. of Hours		30 Hours

CHIEF PATRON

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SCHOOL OF PHARMACY

VALUE ADDED COURSES

Course Name: **Use of Automations in Pharmacy**

Dates: **04.03.2024 to 23.03.2024**



CONVENOR

Dr. P. Shanmugapandiyan,
Dean, School of Pharmacy.

SYLLABUS

Chapter No.	Topic Name	Resource Person	No. of Hours
1	ARTIFICIAL INTELLIGENCE IN PHARMACY	Dr. N. DELHIRAJ Associate Professor School of Pharmacy, SIST	6hrs
2	AUTOMATION IN HOSPITAL PHARMACY	Dr. AISHWARYA.S Assistant Professor School of Pharmacy, SIST	8hrs
3	ARTIFICIAL INTELLIGENCE ROBOTICS AND COMPUTATIONAL FLUID DYNAMICS	Dr. S. AMUDHA Associate Professor School of Pharmacy, SIST	6hrs
4	AUTOMATION IN PRESCRIPTION RECORDING APPLICATIONS	Ms. MARIA SHIRLEY.J Assistant Professor School of Pharmacy, SIST	5hrs
5	EX-PHARM	Ms. PAVITHRA J Assistant Professor School of Pharmacy, SIST	5hrs
Total Hours			30 hrs

Course Outcomes:

After the successful completion of this course, the student shall be able to:

- Know the basics of Artificial Intelligence useful in pharmacy
- Understand and practice the automations in hospital pharmacy
- Understand the role of robotics in pharmacy field
- Expertise and practice the ex Pharm software

LIST OF THE STUDENTS

S.No.	Registration Number	Student Name
1.	42050002	ABIRAMI D
2.	42050003	AJAYPENIEL A
3.	42050004	ANAND A
4.	42050005	ARUN KUMAR V
5.	42050006	BHARATHI S
6.	42050007	CAROLIN JOYCE S
7.	42050008	DHANUSH S
8.	42050009	FAZIL M
9.	42050010	GANESH V
10.	42050011	GOKUL M
11.	42050012	HARIHARAN J
12.	42050013	HARINI K
13.	42050014	IRFAAN ABUBAKKAR I
14.	42050015	JANANI K
15.	42050016	JAYASHREE K
16.	42050017	JAYAVARSHINI V S
17.	42050018	JOHNWESLY S
18.	42050019	KAMESH B
19.	42050020	KANIMOZHI K
20.	42050021	KEERTHANA B
21.	42050022	KIASUDEEN V S
22.	42050023	KISHORE D
23.	42050024	LAVANYA R
24.	42050025	MADESH KANNA B
25.	42050026	MEGAVARTHINI P
26.	42050027	MOHAMMED JASHIM S J
27.	42050028	MOHANAPRIYA G
28.	42050029	MOHANA PRIYA E
29.	42050030	MOHAN RAJI K
30.	42050031	NAVEEN A P

31.	42050032	NAVEENKUMAR G
32.	42050033	NIVETHA K
33.	42050034	NOORUL AMEEN A
34.	42050035	PANIMALAR R
35.	42050036	PAVITHRA R
36.	42050037	PRIYANKA P
37.	42050038	RANJITHKUMAR G
38.	42050039	RAVINDRKUMAR S S M
39.	42050040	RICHEL POOJA M R
40.	42050041	RITHIKA M
41.	42050042	ROSHAN J
42.	42050043	SAKTHI M
43.	42050044	SAKTHIYA NARAYANAN G
44.	42050045	SANTHAANAM S
45.	42050046	SHON J NJARAVELIL
46.	42050047	SRIRAM M
47.	42050048	SURESH S
48.	42050049	SWETHA P R
49.	42050050	THOUFIKA S
50.	42050052	AFRAA A
51.	42050054	AKASH A
52.	42050055	ASIFA IRFANA J
53.	42050056	BHARATHIDASAN A
54.	42050057	DARSEN AARAVIND P I
55.	42050060	GOPI ANAND K
56.	42050061	HARIHARAN J
57.	42050062	IYAPPAN S
58.	42050063	T HARISH
59.	42050064	JAI S
60.	42050065	JAYANTH N
61.	42050066	JEEVANANTHAM S
62.	42050067	KANCHARLA SAI HARSHA

63.	42050068	KARAN G
64.	42050069	KEERTHIKA N
65.	42050071	KOMARI BHAVANA
66.	42050072	MAHA LEKSHMI B M
67.	42050073	MEENAVALLI VIJAYA LAKSHMI
68.	42050074	MOLAKALAPALLI HARI BABU
69.	42050075	NARNI D N V GANGA DURGA
70.	42050076	NEHA SIRAJ


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CERTIFICATE

The screenshot shows a Google Meet interface. On the left, a presentation slide titled "Subject databases" lists several databases: British Nursing Database*, PubMed*, CINAHL Plus (Cumulative Index to Nursing and Allied Health Literature)*, Journals@OVID*, JSTOR*, MEDLINE, via OVID, Cochrane Library, and NICE Evidence. On the right, a grid of participants is visible, including Afsar Shaik, Pavithra Jaganat..., Shanmuga Pandi..., Shailendra Parmar, Neha Mundru, Vinny, arunkumar subr..., Chetan Ashok, Saptarshi Samaj..., imtiyaz bagban, Niha Reddy P, Maphibanri Mari..., Pallavi Badarala, KISHORE KAMERE, 85 others, and VIJAYA KUMAR... The bottom status bar shows the time as 6:29 PM and the session title as "One Week National Online Faculty Development Pr...".

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SCHOOL OF PHARMACY

This is to certify that

Mr. NAVEEN KUMAR.G

bearing Register Number 42050032 has successfully completed "Use of Automations in Pharmacy" organized by School of Pharmacy, SIST during the year 2023-2024 from 04th March-2024 to 05th March-2024.

Dr. P. Shanmugapandiyan
Dean, School of Pharmacy