



# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by PCI, AICTE & Affiliated to JNTUH)

Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.



2020 - 2021							
Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web-links year-wise	Page No
1	Aware Global Hospital	Aware Global Hospitals, Address: 8-16-1, Nagarjuna Sagar Road, Laxmi Enclave, Bairamalguda, LB Nagar, Hyderabad, Telangana 500035, Phone: 040 2411 1111	2020 - 2021	Hospital Visit/Field Work	4 days/week	Collection Of Data for Preparation of Patient Profile Forms and Case	2-26
				Internship	1 Year	Case Study	
						Patient Counselling	
						Ward Round Participation	
						ADRI Monitoring	
					Drug Interactions Reporting		
2	KP LABS	KP LABS, Kothapet, Hyderabad-500035, Telangana, India	2020 - 2021	Project collaboration - Project Work	6 Months	Project Work	27
3	Suralabs	Suralabs, SS Towers, 4th floor, above Serena tiffin Center, beside Kamala Hospital, Gaddiannaram, Hyderabad, 500060	2020 - 2021	Industrial Training/Field Work	7 Days	Industrial Training on Instrumental Handling	28-32
				Project collaboration - Project Work	6 Months	Project Work	
4	IICT	CSIR-Indian Institute of Chemical Technology Uppal Road, Tarnaka, Hyderabad - 500 007 Telangana State, India.	2020 - 2021	Project collaboration - Project Work	6 Months	Project Work	33
5	Department Of Pharmaceutics, G. Pulla Reddy College of Pharmacy, Hyderabad	V.Ram Mohan Gupta, Professor	2020 - 2021	Collaborative research	6 months	Research collaboration-paper publication	34
6	Vice Chancellor, Krishna university, Machilipatnam, Andhra Pradesh	Dr.K.B. Chandra Shekar, Professor	2020 - 2021	Collaborative research	6 months	Research collaboration-paper publication	
7	Department Of Pharmaceutics, Bapatla college of Pharmacy, Bapatla	V.Sai Kishore, Professor	2020 - 2021	Collaborative research	6 months	Research collaboration-paper publication	

Committed to Excellence in Technical Education



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Ranga Reddy Dist.



Date: 15/01/2021

**TO WHOM SO EVER IT MAY CONCERN**

The students of Pharm-D II,III,IV year belongs to academic year 2020-2021 of Avanthi Institute of Pharmaceutical Sciences ,Gunthapally, Hyderabad are undertaking field work at our hospital which involves collection of data for preparation of patient profile forms and also case study reports and documentation of ADR S ETC.

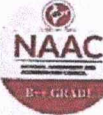
DR.B.VAMSI KRISHNA  
DEPUTY MEDICAL SUPERINTENDENT



(use Only for Office Purpose)

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Gunthapally(V), Abdullapurmet(M),Ranga Reddy Dist.501512

#### CERTIFICATE OF INTERNSHIP



This is to certify that  
**BASAYAPALLY RUKMINI**  
Reg.No- 15GNIT0002

of Avanthi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
OB &G	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

*M.R.Kish*  
Preceptor

*[Signature]*  
PRINCIPAL  
Head of the Institute of Pharmaceutical Sciences  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist.

*[Signature]*  
DIRECTOR  
GMERF,  
Aware Global Hospital



*[Signature]*  
PRINCIPAL  
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#### CERTIFICATE OF INTERNSHIP



This is to certify that  
**BORAVELLI ASHWINI NIKITHA**  
Reg.No- 15GNIT0003

of Avanthi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
PAEDIATRICS	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R. Kishore  
Preceptor

*[Signature]*  
Head of the Institution  
Avanthi Institute of Pharmaceutical Sciences  
Avanthi Institute (V), Abdullapurmet (M),  
Gunthapally (V), R.R. Dist.

*[Signature]*  
DIRECTOR  
GMERF,  
Aware Global Hospital



*[Signature]*  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
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R.R. Dist. Telangana.





## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, P.T & affiliated to JNTU H)  
Gunthapally (V), Abdullapurmet (M) Sangli Dist. 501312

### CERTIFICATE OF INTERNSHIP

This is to certify that

**C SWATHI**

Reg. No- 18GNT11004



of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist

has successfully completed the Internship at

Aware Global Hospital, I. R. Nagar

in the following units/departments as prescribed under regulation 10 and

Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration (in months)
	From	To	
MEDICINE	21-06-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
NEUROLOGY	06-07-2021	04-09-2021	Two Months

**M.R. S.**  
Preceptor

*[Signature]*  
Head of the Principal  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M)  
R.R. Dist. Sangli

*[Signature]*  
DIRECTOR  
Aware Global Hospital



*[Signature]*  
**PRINCIPAL**  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.



## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

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Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist.501512

### CERTIFICATE OF INTERNSHIP

This is to certify that  
**DHOODI SAIMOHAN**  
Reg.No- 15GN1T0005



of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
CARDIOLOGY	04-05-2021	03-07-2021	Two Months
ORTHOPAEDICS	06-07-2021	04-09-2021	Two Months

MR. K. V. S. Prceptor

*[Signature]*  
Head of the Institution  
Principal  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist.

*[Signature]*  
DIRECTOR  
GM/RF  
Aware Global Hospital



*[Signature]*  
PRINCIPAL  
AVANTHI INSTITUTE OF  
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R.R. Dist. Telangana.





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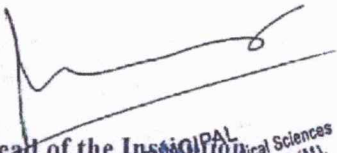
This is to certify that  
**GUNDLA SHARANYA**  
Reg.No- 15GN1T0006



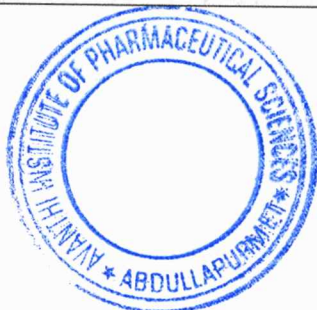
of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist  
has successfully completed the Internship at  
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Appendix C of Pharm D Regulations 2008.


Department	Date		Total duration [ in months ]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
ORTHOPAEDICS	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R. Kishore  
Preceptor

  
**Head of the Institution**  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
Ranga Reddy Dist.

  
**DIRECTOR**  
GMERF,  
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#### CERTIFICATE OF INTERNSHIP



This is to certify that  
**HALAVATH SNEHA LATHA**  
Reg.No- 15GNIT0007

of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

*M.R. Kishu*  
Preceptor

*[Signature]*  
Head of the Institution  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist.

*[Signature]*  
DIRECTOR  
GMERF,  
Aware Global Hospital



*[Signature]*  
PRINCIPAL  
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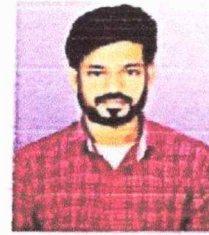
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Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist. 501512

### CERTIFICATE OF INTERNSHIP

This is to certify that

**K SHIVA KRISHNA GOUD**

Reg.No- 15GN1T0008



of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist

has successfully completed the Internship at

Aware Global Hospital, L.B.Nagar

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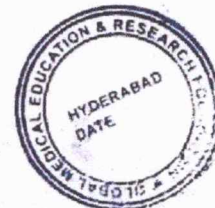
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*M.R. Krishna*  
Preceptor

*[Signature]*  
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Avanthi Institute of Pharmaceutical Sciences  
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Ranga Reddy Dist.

*[Signature]*  
DIRECTOR  
GMERF,  
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*[Signature]*  
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### CERTIFICATE OF INTERNSHIP

This is to certify that

**KADAGANCHI ARUN KUMAR**

Reg.No- 15GNIT0009



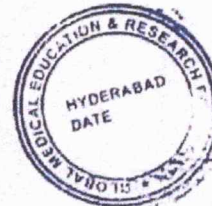
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SURGERY	06-07-2021	04-09-2021	Two Months

M.R. Krishna  
Preceptor

*[Signature]*  
Principal  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana

*[Signature]*  
DIRECTOR  
GMERF,  
Aware Global Hospital



*[Signature]*  
PRINCIPAL  
AVANTHI INSTITUTE OF  
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R.R. Dist. Telangana.





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### CERTIFICATE OF INTERNSHIP



This is to certify that

**KADE KAMAKSHI LAVANYA**

Reg.No- 15GNIT0010

of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet .R.R. Dist

has successfully completed the Internship at


Aware Global Hospital, L.B.Nagar

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M.R.Krish  
Preceptor

  
PRINCIPAL  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana

  
DIRECTOR  
GMRF,  
Aware Global Hospital



  
PRINCIPAL  
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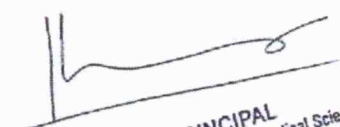


This is to certify that  
**KARUNAKARAN LINGAMPALLY**  
Reg.No- 15GN1T0011

of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
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M.R. Krishna  
Preceptor

  
Head of the Institution  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana

  
DIRECTOR  
GMERF,  
Aware Global Hospital



  
PRINCIPAL  
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R.R. Dist. Telangana.





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### CERTIFICATE OF INTERNSHIP



This is to certify that  
**KOMMU SRUTHI**  
Reg.No- 15GNIT0012

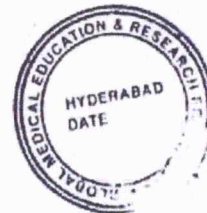
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M.R. Kirby  
Preceptor

*[Signature]*  
Head of the Institution  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana

*[Signature]*  
DIRECTOR  
GMERE,  
Aware Global Hospital



*[Signature]*  
PRINCIPAL  
AVANTHI INSTITUTE OF  
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Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana



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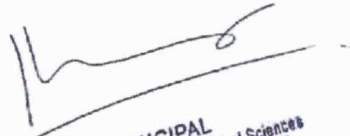
This is to certify that  
**KUMMARI MANOJKUMAR**  
Reg.No- 15GNIT0013



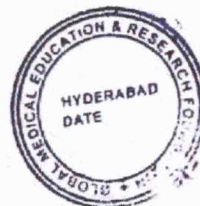
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PSYCHIATRY	06-07-2021	04-09-2021	Two Months

M.R.K. Kumb  
Preceptor

  
Head of the Institute  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist.

  
DIRECTOR  
GMERF,  
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### CERTIFICATE OF INTERNSHIP

This is to certify that

**KUNTA AKHILA GOUD**

Reg.No- 15GN1T0014



of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet .R.R. Dist

has successfully completed the Internship at

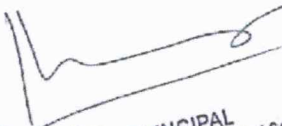
Aware Global Hospital, L.B.Nagar

in the following units/departments as prescribed under regulation 16 and

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PSYCHIATRY	06-07-2021	04-09-2021	Two Months

M.R. Kishore  
Preceptor

  
Head of the **PRINCIPAL**  
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#### CERTIFICATE OF INTERNSHIP


This is to certify that  
**LAVUDI SHARON**  
Reg.No- 15GNIT0015



of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet .R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units departments as prescribed under regulation 16 and  
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Department	Date		Total duration ( in months)
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
PULMONOLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
PSYCHIATRY	06-07-2021	04-09-2021	Two Months

M.R.King  
Preceptor

  
PRINCIPAL  
Head of the Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
Ranga Reddy Dist.

  
DIRECTOR  
GMERF,  
Aware Global Hospital



  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.





## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, PCI & affiliated to JNTUII)  
Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist. 501512

### CERTIFICATE OF INTERNSHIP

This is to certify that

**MALVIKA THAKUR**

Reg.No- 15GNIT0016



of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist

has successfully completed the Internship at

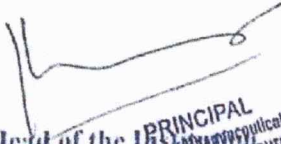
Aware Global Hospital, L.B.Nagar

in the following units/departments as prescribed under regulation 16 and

Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R. Krishna  
Preceptor

  
Head of the Institute  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana

  
DIRECTOR  
GMRF,  
Aware Global Hospital



  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.



## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, PCI & affiliated to JNTUH)  
Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist.501512

### CERTIFICATE OF INTERNSHIP



This is to certify that

**P SAIPRIYA**

Reg.No- 15GNIT0017

of Avanthi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Kish  
Preceptor

Head of the Institution  
Principal  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana

DIRECTOR

GMRF,  
Aware Global Hospital



PRINCIPAL  
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R.R. Dist. Telangana.





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### CERTIFICATE OF INTERNSHIP




This is to certify that  
**RAVILALA USHARANI**  
Reg.No- 15GNIT0018

of Avanathi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.


Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Krish  
Preceptor

  
Head of the Institution  
Avanathi Institute of Pharmaceutical Sciences  
Gunthapally, R.R. Dist.

  
DIRECTOR  
GMERE,  
Aware Global Hospital



  
PRINCIPAL  
AVANTHI INSTITUTE OF  
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R.R. Dist. Telangana.



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Gunthapally (V), Abdullapurmet (M), Ranga Reddy Dist. 501512

### CERTIFICATE OF INTERNSHIP

This is to certify that  
**ANISH KUMAR DAS**  
Reg.No- 15GNIT0019



of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
ORTHOPAEDICS	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

*M.R.K.*  
Preceptor

*[Signature]*  
PRINCIPAL  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist.

*[Signature]*  
DIRECTOR  
GMERF,  
Aware Global Hospital



*[Signature]*  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.





## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, PCI & affiliated to JNTUH)  
Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist. 501512

### CERTIFICATE OF INTERNSHIP

This is to certify that

**VAISHNAVI DURGA CHINTALAPATI**

Reg.No- 15GN1T0020



of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist

has successfully completed the Internship at

Aware Global Hospital, L.B.Nagar

in the following units/departments as prescribed under regulation 16 and

Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

MR. *Kishu*  
Preceptor

*[Signature]*  
Head of the Department  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. of Telangana

*[Signature]*  
DIRECTOR  
GMERF,  
Aware Global Hospital



*[Signature]*  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.



## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, PCI & affiliated to JNTUH)  
Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist.501512

### CERTIFICATE OF INTERNSHIP

This is to certify that

**CHERUKURI ANISHA**


Reg.No- 15GNIT0021



of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.


Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
ONCOLOGY	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.K. Reddy  
Preceptor

  
PRINCIPAL  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana

  
DIRECTOR  
GMERF,  
Aware Global Hospital



  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.





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Gunthapally(V), Abdullapurmet(M),Ranga Reddy Dist.501512

### CERTIFICATE OF INTERNSHIP


This is to certify that  
**BHELLI SAHITHI**  
Reg.No- 15GNIT0022

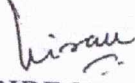


of Avanthi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
CARDIOLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.kind  
Preceptor

  
PRINCIPAL  
Head of the Institute of Pharmaceutical Sciences  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
Ranga Reddy Dist.

  
DIRECTOR  
GMERF,  
Aware Global Hospital



  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.



# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, PCI & affiliated to JNTUHS)  
Gunthapally(V), Abdullapurmet(M), Sanga Reddy Dist. 501512

## CERTIFICATE OF INTERNSHIP


This is to certify that  
**DONGREKAR CHINMAYI**  
Reg.No- 15GNIT0023



of Avanathi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
ORTHOPAEDICS	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Kish  
Preceptor

  
Head of the Institution  
Avanathi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist.

  
DIRECTOR  
GMERF,  
Aware Global Hospital



  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.





## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, PCI & affiliated to JNTUH)  
Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist. 501512

### CERTIFICATE OF INTERNSHIP



This is to certify that  
**KANDIBANDA VAISHNAVI**  
Reg.No- 15GNIT0025

of Avanthi Institute of Pharmaceutical Sciences, Gunthapally, Abdullapurmet, R.R. Dist  
has successfully completed the Internship at  
Aware Global Hospital, L.B.Nagar  
in the following units/departments as prescribed under regulation 16 and  
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [ in months ]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
ORTHOPAEDICS	02-03-2021	01-05-2021	Two Months
SURGERY	04-05-2021	03-07-2021	Two Months
PSYCHIATRY	06-07-2021	04-09-2021	Two Months

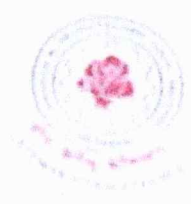
*M.R. Kiran*  
Preceptor

*[Signature]*  
**Head of the Institute / PRINCIPAL**  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist.

*[Signature]*  
**DIRECTOR**  
GMERF,  
Aware Global Hospital



*[Signature]*  
**PRINCIPAL**  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.



**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES**  
 Approved by AICTE, P.T.I & affiliated to JNTU H  
 Gunthapally (V), Abdullapurmet (M), R.R. Dist. Telangana - 501 201

**CERTIFICATE OF INTERNSHIP**



NAME OF THE STUDENT: **...**  
 ROLL NO: **...**

Department	From	To	Total duration (in months)
Pharmacy	11-08-2021	17-07-2022	11 months
Pharmacy	11-08-2021	01-07-2022	11 months
Pharmacy	11-08-2021	01-07-2022	11 months
Pharmacy	11-08-2021	01-07-2022	11 months

M. K. ...  
Principal

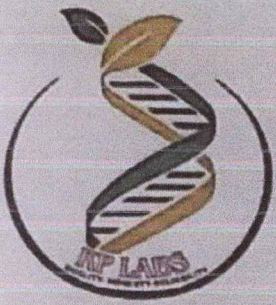
Principal  
 Head of the Institute of Pharmaceutical Sciences  
 Gunthapally (V), Abdullapurmet (M), R.R. Dist. Telangana - 501 201

Director  
 Global Hospitals



**PRINCIPAL**  
**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES**  
 Gunthapally (V), Abdullapurmet (M),  
 R.R. Dist. Telangana.





**KP LABS**  
QUALITY-HONESTY-RELIABILITY

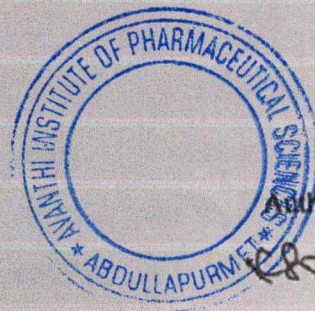
REF: KPLABS/AIPS/01

Date 12-12-2020

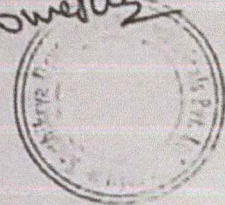
**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Miss. A.ANUSHA, M.Pharmacy (Pharmaceutics) in AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES, HAYAT NAGAR, RANGAREDDY, TELANGANA - 501505 . with Reg no: 18GN1S0301 has successfully completed her research work entitled "FORMULATION AND EVALUATION OF DABIGATRAN ETEXILATE MESYLATE CAPSULES 150MG." in our Organization during the period of 15-07-2019 to 12-12-2020 for the fulfillment of M.Pharmacy (Pharmaceutics) Academic Project work. During this period she was very efficient and dedicated to complete this work.

We wish her Good Luck for her future.



Authorized Signature



**PRINCIPAL**  
**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES**  
**KP LABS**  
(A DIVISION OF KARTHIKEYA DRUGS & PHARMACEUTICALS Pvt. Ltd.)  
AN ISO 9001:2008 CERTIFIED COMPANY  
Guntur, R.R. Dist. Andhra Pradesh, India

# H.No. 11-13-1427, 2nd Floor, Nirmal Sadan, Margadarshi Colony, Kothapet, Hyderabad - 102.  
Contact: 8885111163, 7207111163, 8143611163, 8019111163  
Website : www.kdplpharma.com, Email : kdplpharma@gmail.com, info@kdplpharma.com



Date: 03-10-2020.

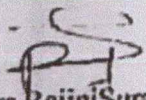
**CERTIFICATE**

This is to certify that Miss. K.TARUNIKA (IIT.NO.18GNIS0310) pursuing her M. Pharmacy in AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES has carried out her project work in our Organization entitled "EFFECT OF NATURAL AND SYNTHETIC POLYMERS ON DRUG RELEASE IN THE FORMULATION EXTENDED RELEASE TABLETS OF AZILSARTAN" in the department of Pharmaceutics from 2-MAY-2019 TO 03-OCTOBER- 2020.

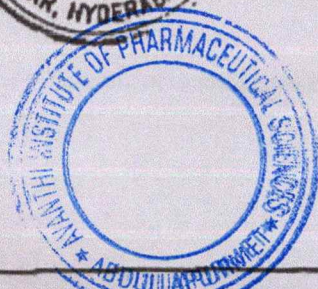
During her tenure she was sincere, hardworking and Punctual in her Project work.


We wish her to success in her future career.

Authorized Signature

  
Mrs. Rajini Sura

Managing Director



  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapalle, R.R. Dist. of Telangana  
R.R. Dist. of Telangana



Date: 03-10-2020.

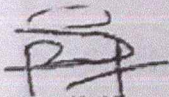
**CERTIFICATE**

This is to certify that Miss. K.PRAVALIKA (HT.NO.18GNIS303) pursuing her M. Pharmacy in AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES has carried out her project work in our Organization entitled "FORMULATION AND EVALUATION OF DULOXETINE MICROSPHERES BY USING DIFFERENT POLYMERS" in the department of Pharmaceutics from 2-MAY-2019 TO 03-OCTOBER- 2020.

During her tenure she was sincere, hardworking and Punctual in her Project work.

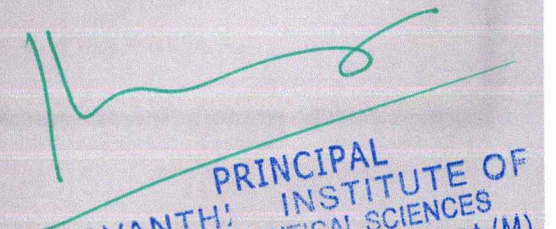
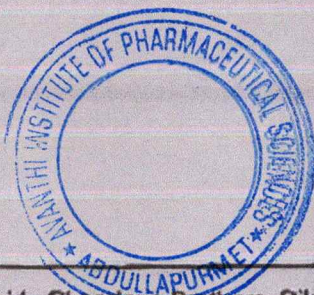
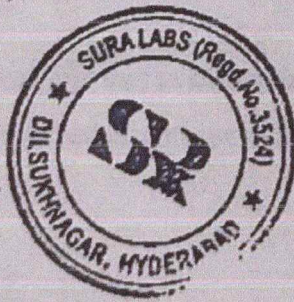
We wish her to success in her future career.

Authorized Signature



Mrs. Rajini Sura

Managing Director



PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
B.R. Dist. Telangana.



Date: 03-08-2020.

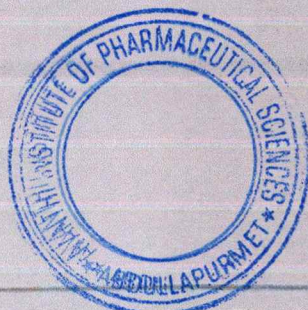


### CERTIFICATE

This is to certify that **Mr. N.SAGAR** (Reg. No: 18GN1S0311) pursuing his M. Pharmacy in **AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES** he carried out his project work in our Organization entitled **"PREPARATION AND INVITRO CHARACTERISATION OF SUSTAINED RELEASE TABLETS OF VALSARTAN"** in the department of Pharmaceutics from **2nd May 2019 to 3rd AUGUST, 2020.**

During his tenure he was sincere, hardworking and Punctual in his Project work.

We wish him to success in his future career.



PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.



Date 03-10-2020

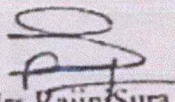
**CERTIFICATE**

This is to certify that Miss. K.SANDHYA (HT.NO.18GNIS0312) pursuing her M. Pharmacy in AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES has carried out her project work in our Organization entitled "FORMULATION DEVELOPMENT AND *IN VITRO* CHARACTERISATION OF ENTECAVIR MICROSPHERES" in the department of Pharmaceutics from 2-MAY-2019 TO 03-OCTOBER- 2020.

During her tenure she was sincere, hardworking and Punctual in her Project work.

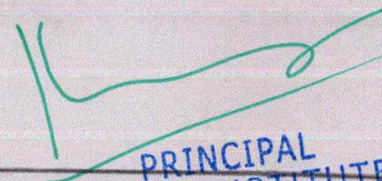
We wish her to success in her future career.

Authorized Signature



Mrs. Rajini Sura

Managing Director



PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.



Date: 03-10-2020.

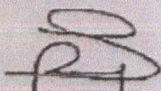
**CERTIFICATE**

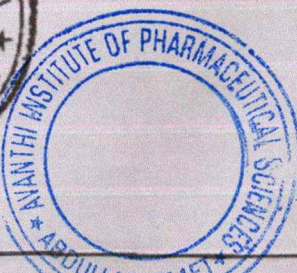
This is to certify that Mr. K.ANIL KUMAR (IIT.NO.18GNISI213) pursuing hi M. Pharmacy in AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES has carried out his project work in our Organization entitled "SIMULTANEOUS ANALYSIS OF CYTARABINE AND DAUNORUBICIN IN BULK FORM AND MARKETED PHARMACEUTICAL COMBINED DOSAGE FORMS BY REVERSE PHASE-HIGH PRESSURE LIQUID CHROMATOGRAPHY-PDA METHOD" in the department of Pharmaceutical Analysis from 2-MAY-2019 TO 03-OCTOBER-2020.


During his tenure he was sincere, hardworking and Punctual in his Project work.

We wish him to success in his future career.

Authorized Signature

  
Mrs. Rajini Sura  
Managing Director



  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Chilshukhina, Abullapurmet (M),  
R.R. Dist. Telangana.





सीएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान  
**CSIR-Indian Institute of Chemical Technology**

(विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार / Ministry of Science and Technology, Govt. of India)  
तारनाका, हैदराबाद - 500007, तेलंगाना, भारत / Tarnaka, Hyderabad - 500 007, Telangana, INDIA



**Dr. S. Prabhakar**

Senior Principal Scientist

Centre for Mass Spectrometry, Analytical & Structural Chemistry Department

**डॉ. एस. प्रभाकर**

प्रधान वैज्ञानिक

द्रव्यमान स्पेक्ट्रोमेट्री केंद्र, विश्लेषणात्मक विभाग

**CERTIFICATE**

This is to certify that the synopsis entitled "METABOLIC PROFILING OF CARICA PAPAYA SEEDS BY LIQUID CHROMATOGRAPHY COUPLED WITH MASS SPECTROMETRY" submitted by Ms. M.SREEVANI (Reg No: 18GN1S1212) in partial fulfillment for the award of Master of Pharmacy in Pharmaceutical Analysis is a bonafide research work carried out by the candidate under my direct supervision and guidance. This work is original and has not been submitted in part or full for any other degree or diploma to this or any other University or Institution.

DATE:24-11-2020

HYDERABAD

**DR. S. PRABHAKAR**  
Senior Principal Scientist  
Centre for Mass Spectrometry  
Analytical & Structural Chemistry  
Department  
CSIR-IICT, Hyderabad



**PRINCIPAL**  
**AVANTHI INSTITUTE OF**  
**PHARMACEUTICAL SCIENCES**  
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## Design, Development and Characterization of Simvastatin Liposomal Loaded Gels for Transdermal Drug Delivery

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Date of Submission: 10-06-2021

Date of Acceptance: 25-06-2021

**ABSTRACT:** The objective of the present study was to develop the controlled release transdermal drug delivery systems of Simvastatin using Liposomes incorporated in a gels, which will control the release of drug, increasing the bioavailability of the drug and thus decreasing the dosing frequency of the drug. It was investigated by encapsulating the drug in various Liposomal formulations composed of various ratios of Soya Lecithin: Span 80 or Tween 80 or sodium deoxycholate prepared by rotary evaporation sonication method. Lipid:surfactant ratio of 90:10 is more effective when compared to other ratios.

The Liposomes were incorporated into reservoir gels and evaluated for the Drug content, P<sup>H</sup>, viscosity, extrudability, and spreadability. The evaluation parameter values of gels shown good characteristic features of gel. Prepared Liposomes gels were subjected to In-vitro diffusion studies. Experimental results of the present study showed that deformable lipid vesicles improve the transdermal delivery, prolong the release, and improve the site specificity of the lipophilic model drug, simvastatin. The drug diffusion studies showed that a Liposomal vesicles followed zero order kinetics and mechanism of release followed peppas model.

**KEY-WORDS:** Thin film hydration method, Anti-hyperlipidemic, Controlled release, Lipid, Surfactant.

### I. INTRODUCTION:

Liposomes have recently been introduced, which are capable of transdermal delivery of low as well as high molecular weight drugs[1]. Liposomes are enclosed vesicles containing a lipid bi layer composed of unimers that usually have a hydrophilic head and a hydrophobic tail and are oriented so that the hydrophobic head groups are

inside the bi layer. Liposomes are highly biocompatible with low toxicity that helps in conning drug delivery system with improved bioavailability[2].

Hydrogels are 3-dimensional networks consisting of hydrophilic polymers that swell in aqueous solution retaining large amount of water without dissolving. Hydrogels have biodegradable properties, high permeation of active materials with high degree of swelling and no associated toxicity or irritation makes them as ideal polymers for delivery of drugs through transdermal route as delivery vehicles[3].

Simvastatin is a cholesterol-lowering agent and is structurally similar to the HMG, a substituent of the endogenous substrate of HMG-CoA reductase. Simvastatin lowers hepatic cholesterol synthesis by competitively inhibiting HMG-CoA reductase, the enzyme that catalyzes the rate-limiting step in the cholesterol biosynthesis pathway via the mevalonic acid pathway[4]. Due to its short biological half-life (5.3 hours) and low bioavailability (5%), it requires frequent administration. The maintenance of a constant plasma drug concentration of an anti-lipidemic drug is important in ensuring the desired therapeutic response and to improve patient compliance, hence the objective of the study was made to develop controlled release transdermal drug delivery system of Simvastatin using Liposomes incorporated in a carbopol gel, which will control the release of drug, increasing the bioavailability of the drug and thus decreasing the dosing frequency of the drug.

### II. MATERIALS AND METHODS:

Simvastatin was received as gift sample from Dr.Reddy's Laboratories, Hyderabad. Soya lecithin, sodium deoxycholate, triton X-100 was



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