



# SRI INDU INSTITUTE OF PHARMACY

Sponsored by New Loyola Model Educational Society, Vanasthalipuram, Hyderabad.

(Approved by PCI – New Delhi, Affiliated to JNTUH- Hyderabad.)

Sheriguda, Ibrahimpatnam, R.R. Dist -501 510, Hyderabad, Telangana State.

Phone : 9391537555 Website : [www.siip.ac.in](http://www.siip.ac.in) Email ID : [siipoffice@siip.ac.in](mailto:siipoffice@siip.ac.in)

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## Academic Progress Annual Report 2017-18

### PRINCIPAL'S MESSAGE

Sri Indu Institute of Pharmacy was established in the year 2005 and within a short span it has attained top 10 ranks in the Pharmacy colleges of Telangana state region. The institute provides every opportunity to nurture students as well as faculty to contribute their services to the field of Pharmacy. It is my immense pleasure to present you this annual report encompassing various activities held, participated by students and faculty of the institute.

### VISION OF THE INSTITUTE

- To inculcate excellence in various fields of Pharmacy and mold the Institution as Center of Excellence in terms of Academics and Advanced Pharmaceutical Research.
- To evolve into a center of excellence in Science and Technology through creative and innovative practices in teaching, learning, promoting academic achievement & research excellence to produce internationally accepted, competitive and world class professionals, who are psychologically strong and emotionally balanced imbued with social consciousness and ethical values.

### MISSION OF THE INSTITUTE

- Committed to impart quality Pharmacy Education and Research for Students to be competent globally.
- To provide high quality academic programs, training activities, research facilities and opportunities supported by incessant “Industry – Institute” interaction which is aimed at promoting Employability, Entrepreneurship, Leadership and Research aptitude among students that can contribute to the economic and technological development of the region, state and the nation.



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## ADMINISTRATION

**Principal:** Dr. A. Sambasiva Rao

### **Head of the Departments:**

Department of Pharmaceutics	: Dr. D.Varun,
Department of Pharmaceutical Regulatory Affairs	: Dr. A. Sambasiva Rao
Department of Pharmaceutical Quality Assurance	: Dr. S. M. Sathish,
Department of Pharmaceutical Analysis	: Dr. P. Kranti Kumar
Department of Hospital & Clinical Pharmacy	: Dr. Syed Mustak

### Courses offered

UG : B.Pharmacy

PG : Pharm.D. & Pharm.D. (PB);

PG : M.Pharmacy Pharmaceutics;  
Pharmaceutical Regulatory Affairs;  
Pharmaceutical Quality Assurance;  
Pharmaceutical Analysis,  
Pharmacy Practice

### **FACULTY DETAILS**

UG: B. Pharmacy

Professor: 01

Associate Professor: 10

Assistant Professor:13

PG: Pharm.D. & Pharm.D.  
(PB)

Professor:01

Associate Professor:03

Assistant Professor:04

M.Pharmacy : 5 branches

Professor:05

Associate Professor:05



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## Admission

**Admission:** During the academic year 2017-18; more than 90% of seats were filled in B.Pharmacy; 90% in Pharm.D.; 90% admissions in Pharm.D. (PB) and 85% seats in M.Pharmacy all branches together.

## Results

Our students are performing very well in achieving by achieving good percentage of marks in end semester examinations. B.Pharmacy students secured more than 80% of pass percentage overall in all the four years; 100% result was observed in Pharm.D. and more than 80% pass percentage in M.Pharmacy.

## Placements

Passed out Students of M.Pharmacy, B.Pharmacy and Pharm.D. were successfully placed in several Pharma industry and more than 40% were admitted in various PG Programs nation and Interantional wide.

## Faculty Research activities & Awards

**Poster adjudicator at IPC 2018:** Our Academic Director Dr. D. Varun was nominated as a poster evaluator at Indian Pharmaceutical Congress 2018 held at Amity University, New Delhi.

**Poster Presentation:** Dr. A. Mohathsim Billah, Hod Department of Pharmacy Practice have presented a poster at IPC 2018 and Oral presentation at DST sponsored National Conference PURSE held in Tamil Nadu.

**Ph.D. Submission:** Our Senior Faculty Member Mr. V. Ravi Kumar has submitted his Ph.D. Dissertation thesis in Pharmaceutical Analysis under Faculty of Pharmaceutical sciences at Osmania University, Telangana

**Prestigious Event IPC-NEC 2018 Semi Final event organizer:** Sri Indu Institute of Pharmacy had the prestigious opportunity to organize the semifinals of National Elocution Competition NEC 2018 which is a part of Indian Pharmaceutical Congress 2018 event. President of IPA Dr.T.V. Narayana and Convener of NEC-2018 have appreciated the Organizers regarding the successful completion of the event.

**Best Poster Award:** Our senior Faculty Mrs T. Naga Aparna, Has acquired Best Poster award at Indian Pharmaceutical Association annual congress 2017



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## FACULTY PUBLICATIONS

Title of the paper	Name of the authors	Journal name	Link to the publication document
Formulation Development and Evaluation of Controlled Porosity Osmotic Pump Tablet of Atenolol	Varun Dasari	Journal of Global Trends in Pharmaceutical Sciences	<a href="https://www.jgtps.com/index.php">https://www.jgtps.com/index.php</a>
Formulation parameters of formulation and development of new dosage forms	A.Sambasiva Rao and Hareesh Reddy	International Journal of Recent advances in multidisciplinary research	<a href="https://www.ijramr.com/international-journal-recent-advances-multidisciplinary-research">https://www.ijramr.com/international-journal-recent-advances-multidisciplinary-research</a>
Different Kinetic mathematical models used to drug release from solid dosage forms	A.Sambasiva Rao and Hareesh Reddy	IJRR	
Correlation between Basket and Padel dissolution test methods by drug release in solid dosage forms from Nizatidine and Ramipril	A.Sambasiva Rao and Hareesh Reddy	International Journal of Developmental Research	<a href="https://www.journalijdr.com/">https://www.journalijdr.com/</a>
Kondagogu Microspheres for colon specific drug delivery: An invitro Evaluation	A.Sambasiva Rao and VNL Sirisha	European Journal of Pharmaceutical and Medical Research.	<a href="https://www.ejpmr.com/home">https://www.ejpmr.com/home</a>
Formulation and evaluation of Locust bean gum microspheres of Cromolyn Sodim for the treatment of Ulcerative collitis	A.Sambasiva Rao and VNL Sirisha	International Journal of Pharmacy and Pharmaceutical Research	<a href="https://ijppr.humanjournals.com/">https://ijppr.humanjournals.com/</a>
Formulation and evaluation of karya gum Microspheres of Cromolyn Sodium: treatment of ulcerative collitis	A.Sambasiva Rao and VNL Sirisha	Int. Res. J. Pharm	<a href="https://www.irjponline.com/archives.php">https://www.irjponline.com/archives.php</a>
Description on formulation and evaluation parameters of gelatin enrobed tableting technology; formulation perspective.	A.Sambasiva Rao and L Nandha Kumar.	International Journal of Pharmacy and Industrial Research	<a href="https://www.ijpir.com/">https://www.ijpir.com/</a>
Zika Virus Pandemic: A Glimpse	A.Sambasiva Rao and L Nandha Kumar	International Journal of Biopharmaceutics	<a href="https://www.ijbonline.com/">https://www.ijbonline.com/</a>



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Antidiabetic activity on the extracts of Embelica ribes in streptozotocin induced diabetic rats	A.Sambasiva Rao and L Nandha Kumar	Der Pharmacia Sinica	<a href="https://www.imedpub.com/der-pharmacia-sinica/">https://www.imedpub.com/der-pharmacia-sinica/</a>
Surface solid dispersion of Domperidone for dissolution rate enhancement	A.Sambasiva Rao and T Naga Aparna.	World Journal of Pharmaceutical Research	<a href="https://wjpr.net/dashboard/index">https://wjpr.net/dashboard/index</a>
Melt granulation; an approach to enhance the dissolution rate of Domperidone	A.Sambasiva Rao and T Naga Aparna.	European Journal of Biomedical and Pharmaceutical sciences.	<a href="https://www.ejbps.com/ejbps/index">https://www.ejbps.com/ejbps/index</a>
Development of Metoprolol tartarate pulsated drug delivery formulation by press coated technology	A.Sambasiva Rao and K Sunitha Kumari.	Indo Americal Journal of Pharmaceutical Research	<a href="http://www.iajpr.com/">http://www.iajpr.com/</a>
A Self-Limited Survey on Community Pharmacies in India, the Services Offered, Facilities available to Make Ease of Compliance for the Medication Prescribed and over the Counter Medication in View of Pharmacists.	A Mohathasim Billah	Journal of Pharmaceutical Sciences & Research	<a href="https://www.jpsr.pharmainfo.in/">https://www.jpsr.pharmainfo.in/</a>
Surface solid dispersion of Domperidone for Dissolution rate enhancement	Tatapudi Naga Aparna, Dr. A. Sambasiva Rao	World Journal of Pharmaceutical Research	<a href="https://www.wjpr.net/">https://www.wjpr.net/</a>
Liquisolid compacts: An approach to enhance the Dissolution rate of Domperidone	Tatapudi Naga Aparna, Dr. A. Sambasiva Rao	World Journal of Pharmacy and Pharmaceutical Sciences	<a href="https://www.wjpps.com/">https://www.wjpps.com/</a>
Melt Granulation: An approach to enhance the Dissolution rate of Domperidone	Tatapudi Naga Aparna, Dr. A. Sambasiva Rao	European Journal of Biomedical and Pharmaceutical sciences	<a href="https://www.ejbps.com/">https://www.ejbps.com/</a>
Antidiabetic activity of butanol fraction of murraya exotica seeds in streptozotocin induced diabetic rats	Kanakam Vijayabhaskar, Rohit kumar et al	European Journal of Biomedical and Pharmaceutical sciences	<a href="https://www.ejbps.com/">https://www.ejbps.com/</a>
Development and Validation of Simultaneous Chromatographic method for Estimation of Metformin, Pioglitazone and Glipizide in a Combined Form by RP-HPLC	*B.NAGAVENI *Dr.P.KRANTI KUMAR *P.RAJU *A.SPOORTHYSIN HA	International Journal of Research	<a href="http://ijrpublisher.com/VOL-6-ISSUE-6-2017">http://ijrpublisher.com/VOL-6-ISSUE-6-2017</a>



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1. Anticonvulsant Activity Of Flower Extract Of Costus Speciosus (Coastaceae) In Experimental Animals	N.VIJAYAREKHA	EJBPS	<a href="https://www.ejbps.com/ejbps/abstract_id/2655">https://www.ejbps.com/ejbps/abstract_id/2655</a>
Development and Validation of Simultaneous Chromatographic method for Estimation of Metformin, Pioglitazone and Glipizide in a Combined Form by RP-HPLC	*B.NAGAVENI *Dr.P.KRANTI KUMAR *P.RAJU *A.SPOORTHYSIN HA	International Journal of Research	<a href="http://ijrpublisher.com/VOL-6-ISSUE-6-2017">http://ijrpublisher.com/VOL-6-ISSUE-6-2017</a>
1. Evaluation of Anti-diabetic activity on Guava(Psidium guajava)linn. Seeds aqueous extract in Streptozotocin-induced diabetic rats	Kyatham Hemanth	EJBPS	<a href="https://www.ejbps.com">https://www.ejbps.com</a>
2. Development of Metoprolol tartrate pulsatile drug delivery formulation by press coated technology.	Kyatham Hemanth	IAJPR	<a href="https://zenodo.org">https://zenodo.org</a>
3. Anticonvulsant activity of flower extract of Costus speciosus (Coastaceae) in experimental animals	Kyatham Hemanth	EJBPS	<a href="https://www.ejbps.com">https://www.ejbps.com</a>
A new validated RP-HPLC method for the determination of metformin hcl and empagliflozin in its bulk and pharmaceutical dosage forms.	S. K. Godasu, Dr S.A Sreenivas	IJPSR	<a href="http://www.ijpsr.com">www.ijpsr.com</a>
A new RP-HPLC method for simultaneous estimation of Sacubitril and Valsartan in its bulk and tablet dosage form.	S.K. Godasu1*, S.A. Sreenivas2	Journal of Scientific Research in Pharmacy	<a href="http://www.jsrponline.com/">http://www.jsrponline.com/</a>
A new RP-HPLC method for simultaneous estimation of sacubitril and valsartan in its bulk and tablet dosage form and its force degradation studies as per ich	S. K. Godasu* 1 and S. A. Sreenivas2	European Journal of Biomedical AND Pharmaceutical sciences	<a href="http://www.ejbps.com">www.ejbps.com</a>
Pharmacological evolution of ficus religiosa	Mamatha Bangaru*, Mounika. M, S. K. Godasu, Shital Dangae	International Journal of Innovative Pharmaceutical Sciences and Research	<a href="http://www.ijpsr.com">www.ijpsr.com</a>
ANTI-FATIGUE EFFECT OF D-LIMONENE ON CHRONIC FATIGUE SYNDROME IN MICE	Mamatha Bangaru*, S. K Godasu, Mounika Reddy	International Journal of Innovative Pharmaceutical Sciences and Research	<a href="http://www.ijpsr.com">www.ijpsr.com</a>
Antidiabetic activity of butanol fraction of murraya exotica seeds in streptozotocin induced diabetic rats	Mohammed Jaffer Sadik, Kanakam Vijayabhaskar, Rohit kumar et al	European Journal of Biomedical and Pharmaceutical sciences	<a href="https://www.ejbps.com/">https://www.ejbps.com/</a>



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Pharmacological evolution of ficus religiosa	Mamatha Bangaru*, Mounika. M, S. K. Godasu, Shital Dangae	International Journal of Innovative Pharmaceutical Sciences and Research	<a href="http://www.ijipsr.com">www.ijipsr.com</a>
ANTI-FATIGUE EFFECT OF D-LIMONENE ON CHRONIC FATIGUE SYNDROME IN MICE	Mamatha Bangaru*, S. K Godasu, Mounika Reddy	International Journal of Innovative Pharmaceutical Sciences and Research	<a href="http://www.ijipsr.com">www.ijipsr.com</a>
Development and Validation of Simultaneous Chromatographic method for Estimation of Metformin, Pioglitazone and Glipizide in a Combined form by RP-HPLC	P.KRANTI KUMAR	International Journal of Research	<a href="http://ijrpublisher.com/">http://ijrpublisher.com/</a>





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## WORKSHOPS/CONFERENCES/FDPs attended by FACULTY

Name of the Faculty	Title of the presentation	Type of presentation	Name of the seminar/conference/workshop
G.Veena	Evaluation of Morinda citrifolia fruit juice in L arginine induced acute pancreatitis in rats	Poster Presentation	Recent advances in Pharmaceutical Industry and Development, a National conference organized by JNTUH in association with INSERB
T. Naga Aparna	Dissolution rate enhancement of Valsartan using surface solid dispersion technique	Poster presentation	PEAR
T. Naga Aparna	Dissolution rate enhancement of Valsartan using surface Melt granulation technique	Poster presentation	RAPID
T. Naga Aparna	Melt granulation: An approach to enhance the dissolution rate of Domperidone	Poster presentation	World Health Congress
T. Naga Aparna	Emerging liquisolid compact technique to enhance dissolution rate of Valsartan	Achieved BEST POSTER AWARD	IPA students congress
N. Vijaya Rekha	Anti ulcer activity of leaf extract of lawsonia in eramis in albino	Poster presentation	RAPID World health congress
G.Suresh kumar	A new RPHPLC method for simultaneous estimation of Scubutril and Valsartan in its bulk	Poster	Two day National Conference on Emerging trends and innovations in pharmaceutical sciences





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	and tablet dosage form		
G.Suresh kumar	A new validated RP HPLC method for determination of Gallic acid & Curcumin in its bulk and Pharmaceutical Dosage form	Poster	A Two day National Conference on recent innovations in new drug discovery and challenges in health care system
G.Veena	Identification of Mitochondrial DNA variants in Colorectal Cancer Tissues by Next Generation Sequencing	Oral Presentation	World health Congress
G.Veena	Evaluation of protective effect of vaccinum corymbosum on l arginine induced acute pancreatitis in rats	Poster Presentation	3 <sup>rd</sup> Indo-Australian Conference on Pharmaceutical Technology: past, present and future perspectives
Dr.D.Varun	Rresource person	NA	1st Healthnetindia meet
Dr.D.Varun	Evaluator	NA	Two day international conference on pharmaceutical education academia relation to industry-curent scenario
Dr.D.Varun	Speaker	pharmacoeconomics out comes	International conference on new insights of pharmacoepidomology and pharmaco economics
Dr.D.Varun	Resource Person	NA	Essential pharmacy education ,research and ractice:advanced pharmaceutical skills with innovative ideas



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## Extension activities

1. 25<sup>th</sup> July 2017 : Haritha Haram Program
2. 28th Aug 2017 : Motivational Session and orientation programme by Brother Shafy
3. 9th Sep 2017 : Health Screening camp on Blood group determination and Hemoglobin determination
4. 25th Sep 2017 : Pharmacist day celebrations
5. 21st Oct 2017 : A workshop on Clinical Data Management for M.Pharm and Pharm.D. students
6. 7th -9th Dec 2017 : FDP on Enhancing research work of Ph.D. aspirants through systemic approach
7. IPC-2017 : Participation and Poster Presentation by Students at Chitkara University, Punjab
8. 4th Feb 2018 : Cancer Awareness Walk – Organized by Yashoda Hospitals
9. 28th Feb 2018 : Motivational Session by Noble Peace Awarde Padmasri Kalaish Satyarthi
10. 23rd – 24th Mar 2018 : Pharmaignite 2K18
11. 23/05/2018 : GCP Workshop in association with Indo-US Superspeciality Hospitals
12. 21st June 2018 : International Yoga Day celebrations