



## SRI PADMAVATHI SCHOOL OF PHARMACY

Mohan Gardens, Vaishnavi Nagar, Tiruchanoor (PO), Chittoor (Dist.), AP - 517503

(Approved by AICTE, New Delhi. Approved by PCI, New Delhi. Affiliated to JNTUA, Ananthapuramu.  
Recognized Under 2(f) & 12(B) of UGC Act., Accredited by NBA (for UG-Pharmacy up to 2025))

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### Institute Distinctiveness

#### **Curriculum enrichment through advanced learning and bridging gaps between academia and profession**

SPSP distincts itself in the field of pharmacy education by implementing the process of curriculum enrichment in the regular academics.

The institute has constituted a Gap analysis committee (GAC) and Program Assessment Committee (PAC) which identifies the gaps and shortcomings of the existing curriculum with that of ever changing industry and professional requirements. These committees also assess the attainment of course and program outcomes by the students and identify the areas that needed special attention to enhance their program outcomes. Based on these findings, the committees devise the topics and the areas that are needed to be inculcated into the curriculum by organizing various guest lectures, industry oriented sessions, field trips and industrial tours to the students.

Around 40 programs were conducted on the contents beyond the syllabus in the past five years to enrich the existing curriculum and bridge the gap between the academia and profession. Renowned and highly experienced professors from the universities deliver the lectures on the topics that need special emphasis and in-depth understanding of the core principles.

Industry experts from different pharma industries interact with the students on the latest industry developments and cross-cutting issues through discussions and debates. This helps the students to gain the knowledge in terms of industry perspectives. This is further augmented by regular industrial training and field trips to the pharma and allied industries.

On the other hand, regular talks and seminars were conducted in the SVRRGG Hospital, Tirupati for the Pharm.D and P.B. Students through which they gain real world experience from the contents delivered by the doctors of various specializations. The regular weekly

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hospital visits and postings are planned right from the second year of the Pharm.D program to make the learning more relevant as this program is all about contributing to health care system which is completely beyond the prescribed curriculum.

To encourage and nurture the zeal of the advanced learners, the institute provides facilities via digital library where in the learners can divulge in 18000+ online journals and 1000+ ebooks through platforms like Knimbus, Micromedix, Experimental Pharmacology Series and library databases etc. The students can also access 1000+ videos from platforms like NPTEL and Swayam MOOCS courses across various domains of chemistry, pharmacy and allied health sciences.

All these initiatives helped the students to get profession ready and achieve the desired program outcomes in academics, competitive exams, good placements in pharma industries and some others in pursuing higher education. Ultimately these achievements led to the accomplishment of the institute Vision and Mission in larger context.

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2021-22



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## Consolidated Report on action taken to fill the gaps in syllabus

S.No	Gap	Action Taken	Date- Month-Year	Resource Person With designation	No. of Students present	Relevance to POs
1.	Physico chemical properties of drug molecule	Guest lecture	12.04.2022	Prof. M. Vidyavathi IPT, SPMVV	106	
2.	Synthesis, Reaction and Stability of Cycloalkanes	Guest lecture	11.04.2022	Prof. A. Sreedevi IPT, SPMVV	106	
3.	Nano particles as drug carriers	Guest lecture	05.02.2022	Prof R.Nagaraju IPT, SPMVV	81	
4.	Opioids (or) Anti fungals &Antibiotics	Guest lecture	04.02.2022	Dr.Krishna Murthy Naidu, Head-Pharmacy ,S.V. Polytechnic College	78	
5.	Structure and uses of selected drugs containing carbocyclic aromatic rings					
6.	Structure and medicinal uses of drugs containing naphthalene, phenanthrene, anthracene, diphenylmethane, triphenylmethane.					



# GAP REPORTS

2021-22



## SRI PADMAVATHI SCHOOL OF PHARMACY

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### Gap analysis approved by GAC for the academic year 2021-22

S. No	Course code	Name of the Course	Gaps Identified
1	BP302T	Physical Pharmaceutics-I	Physico chemical properties of drug molecule
2	BP301T	Pharmaceutical Organic Chemistry II	Synthesis, Reaction and Stability of Cycloalkanes
3	15R00701	Novel drug delivery system	Nano particles as drug carriers
4	BP501T	Medicinal Chemistry-II	Opioids (or) Anti fungals & Antibiotics
5	BP301T	Pharmaceutical organic chemistry – ii	Structure and uses of selected drugs containing carbocyclic aromatic rings.
6	BP301T	Pharmaceutical organic chemistry – ii	Structure and medicinal uses of drugs containing naphthalene, phenanthrene, anthracene, diphenylmethane, triphenylmethane.

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08.10.2021

## CIRCULAR

All the faculty who are the members of GAP Analysis Committee are here by informed that a GAC meeting will be organized on 09.10.2021 in computer lab by 10:30 AM. The agenda of the meeting is to discuss about the following.

### Agenda:

1. To propose the gaps for R19 (I-I, II-I, III-I,) & R15 (IV-I) curriculum and to suggest the events for filling the gaps in first semester.
2. To propose the different events that encourages research and communications skills in the students for 2021-22 academic years.

The following faculty are advised to attend the meeting.

S. NO	Name of the member	Designation	Signature
1	Dr.K.K.Rajasekhar	Head of Pharm. Analysis GAP committee – Coordinator	
2	Dr.B.Kishore	Associate Professor	
3	Dr.Y.PrasannaRaju	Professor, Head of IQAC	
4	Dr. D.Sujatha	Assistant professor, Sri Padmavathimahilaviswavidyalayam,	
5	Dr.M.Venkateswarlu	Associate Professor	
6	Dr.A.SreenivasCharan	Associate Professor	
7	Mr.S.Dhanunjaya	Assistant Professor	
8	Dr.P.Keerthisikha	Associate Professor	
9	Mr.T.S.Durga Prasad	Associate Professor	
10	Mr.D.Jamalbasha	Assistant Professor	

**Dr.K.K.Rajasekhar**

**GAP Committee Coordinator**



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11.10.2021

## MINUTES OF MEETING

A meeting with all the HODs and members of GAP Analysis Committee was held on 09.04.2021 in computer lab. The following minutes has been noted in the meeting.

1. The members discussed about the mapping of course outcomes with program outcomes.
2. The members discussed about the gaps necessity in the syllabus of R15 & R19 regulation.
3. The members discussed about the benefits attained by the students through the objectives framed by the committee.
4. The members proposed the various content beyond the syllabus topics and suggested the resource persons events to cover the topics.
5. The members review the many events that can be held to improve students' research and communication skills for the 202-21 academic year.

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## Seminar on “Importance of physico chemical properties of drug in formulation development” ✓

Name of the speaker	Prof. M. Vidyavathi IPT, SPMVV
GAP Covered	Physico chemical properties of drug molecule
Date	12.04.2022
Venue	Seminar Hall
No. of Students attended	106

Department of Pharmaceutics had organized a seminar on “**Importance of physico chemical properties of drug in formulation development**” on 12<sup>th</sup> April 2022. Prof. M. Vidyavathi, IPT, SPMVV, served as a speaker for this seminar. The seminar was focused on Importance of physico chemical properties of drug in formulation development.





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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2021 - 22

Name of the Resource person	Prof. M. Vidyavathi
Designation	Professor
Institution/university/organization	SPMVV
Title of the Topic covered/lecture	Importance of Physico-chemical Properties in Drug Formulation
Date & Time	12/4/22
Venue	Seminar Hall
No of students attended	105
Signature	M. Vidy

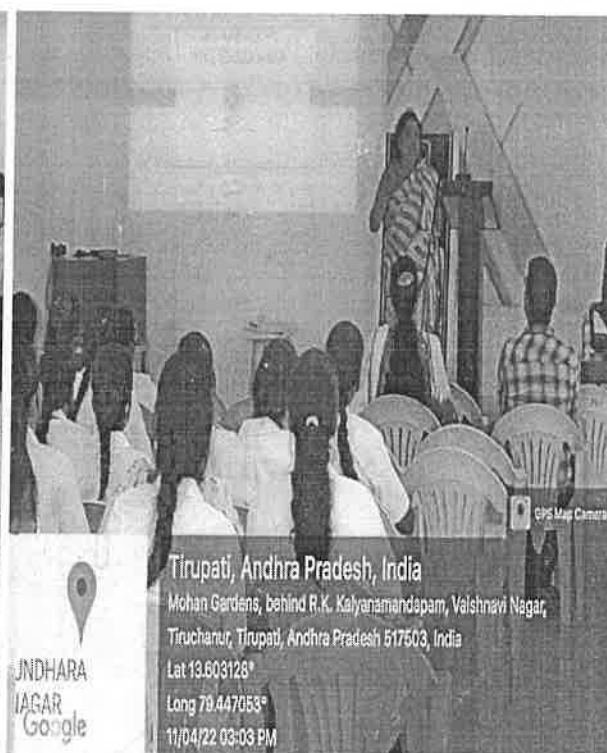
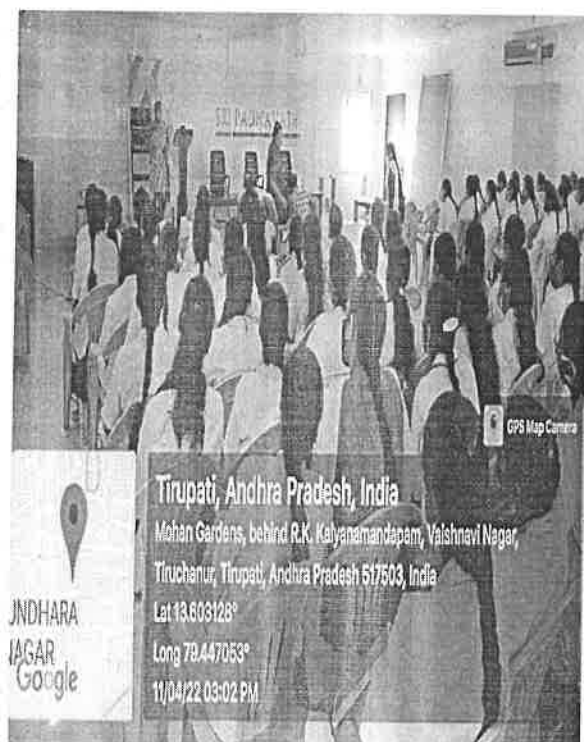
GAP Committee In-charge



## Seminar on “Synthesis, Reaction and Stability of Cycloalkanes”

Name of the speaker	Prof. A. Sreedevi IPT, SPMVV
GAP Covered	Synthesis, Reaction and Stability of Cycloalkanes
Date	11.04.2022
Venue	Seminar Hall
No. of Students attended	106

Department of Pharmaceutical Chemistry had organized a seminar on “**Synthesis, Reaction and Stability of Cycloalkanes**” on 11<sup>th</sup> April 2022. Prof. A. Sreedevi, IPT, SPMVV, served as a speaker for this seminar. The seminar was focused on Synthesis, Reaction and Stability of Cycloalkanes





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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 21-22.

Name of the Resource person	Prof. A. Sree devi
Designation	Professor
Institution/university/organization	SPMVV
Title of the Topic covered/lecture	Aromatic Compounds chemistry
Date & Time	11-04-2022,
Venue	Seminar Hall.
No of students attended	102
Signature	A. Sree devi

GAP Committee In-charge



## Seminar on “Commercial feasibility and current trends of nano particles as drug carriers”

Name of the speaker	Prof R.Nagaraju IPT, SPMVV
GAP Covered	Nano particles as drug carriers
Date	05.02.2022
Venue	Seminar Hall
No. of Students attended	81

A guest lecture has been conducted on “Commercial feasibility and current trends of nano particles as drug carriers, Prof R.Nagaraju Sri Padmavathi Mahila Visva Vidyalayam, Tirupathi served as a speaker for this session. The session was focused on the current trends of nano particles as drug carriers.





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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2021-22

Name of the Resource person	Prof. R. Nagaraju
Designation	Professor
Institution/university/organization	SPMVV
Title of the Topic covered/lecture	Nano particles as drug Carriers
Date & Time	05/2/2022, 2:30pm - 5:00 PM
Venue	Seminar Hall
No of students attended	81
Signature	

GAP Committee In-charge

## Seminar on “Structural optimization in the development of safer opioids (or) Anti fungals &Antibiotics”

Name of the speaker	Dr.Krishna Murthy Naidu, Head-Pharmacy ,S.V. Polytechnic College
GAP Covered	Opioids (or) Anti fungals &Antibiotics
Date	04.02.2022
Venue	Seminar Hall
No. of Students attended	78

A guest lecture has been conducted on “Structural optimization in the development of safer opioids (or) Anti fungals &Antibiotics. Dr.Krishna Murthy Naidu , Head-Pharmacy ,S.V. Polytechnic College, Tirupati served as a speaker for this session. The session was focused on the fundamentals required for the structural optimization in the development of safer opioids (or) Anti fungals &Antibiotics .





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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2021-22

Name of the Resource person	Dr. Krishna Meethy Naicker
Designation	Head - Pharmacy
Institution/university/organization	S.V. Polytechnic College
Title of the Topic covered/lecture	Opioids (60) Anti-fungal & antibiotics
Date & Time	04/2/2022 @ 10:00 AM - 11:00 AM
Venue	Seminar Hall
No of students attended	78
Signature	

GAP Committee In-charge





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## Consolidated Report on action taken to fill the gaps in syllabus

Academic Year: 2021-22

S.No	Gap	Action Taken	Date- Month-Year	Resource Person With designation	No.of Students present
1	Physico chemical properties of drug molecule	Seminar	12.04.2022	Prof. M. Vidyavathi IPT, SPMVV	106
2	Synthesis, Reaction and Stability of Cycloalkanes	Seminar	11.04.2022	Prof. A. Sreedevi IPT, SPMVV	106
3	Nano particles as drug carriers	Seminar	05.02.2022	Prof R.Nagaraju IPT, SPMVV	81
4	Opioids (or) Anti fungals &Antibiotics	Seminar	04.02.2022	Dr.Krishna Murthy Naidu, Head-Pharmacy ,S.V. Polytechnic College	78

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**From**

Dr.K.K.Rajasekhar,

GAP Committee In charge

Sri Padmavathi School of Pharmacy

Tiruchanoor.

**To**

The Principal,

Sri Padmavathi school of Pharmacy,

Tiruchanoor

Respected Sir,

**11.03.2022**

**Tiruchanoor**

Sub: Request for permission to organize Gap Analysis Committee (GAC) meeting-Reg.

I would like to bring to your kind notice that, in our institution, we are planning to conduct a meeting for GAP Analysis on 12-03-2022 at computer lab by 11:00 AM. Hence, I kindly request you to permit us to conduct the meeting regarding Gap Analysis with all the HODS and senior faculty members.

Thanking you sir

Yours faithfully

Dr.K.K.Rajasekhar,

GAP Committee In charge



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15.03.2022

## MINUTES OF MEETING

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1. The members discussed about the mapping of course outcomes with program outcomes.
2. The members discussed about the gaps necessity in the syllabus of R15 & R19 regulation.
3. The members discussed about the benefits attained by the students through the objectives framed by the committee.
4. The members proposed the various content beyond the syllabus topics and suggested the resource persons events to cover the topics.
5. The members review the many events that can be held to improve students' research and communication skills for the 2021-22 academic year.

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12.03.2022

## CIRCULAR

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### Agenda:

1. To propose the gaps for R19 (I-II,II-II,III-H) & R15 (IV-II) curriculum and to suggest the events for filling the gaps in second semester.
2. To propose the different events that encourages research and communications skills in the students for 2021-22 academic years.

The following faculty are advised to attend the meeting.

S. NO	Name of the member	Designation	Signature
1	Dr.K.K.Rajasekhar	Head of Pharm. Analysis GAP committee – Coordinatar	
2	Dr.B.Kishore	Associate Professor	
3	Dr.Y.PrasannaRaju	Professor, Head of IQAC	
4	Dr. D.Sujatha	Assistant professor, Sri Padmavathi mahila viswa vidyalayam,	
5	Dr.M.Venkateswarlu	Associate Professor	
6	Dr.A.SreenivasCharan	Associate Professor	
7	Mr.S.Dhanunjaya	Assistant Professor	
8	Dr.P.Keerthisikha	Associate Professor	
9	Mr.T.S.Durga Prasad	Associate Professor	
10	Mr.D.Jamal basha	Assistant Professor	

Dr.K.K.Rajasekhar

GAP Committee Coordinator





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## Consolidated Report on action taken to fill the gaps in syllabus

Academic Year: 2020-2021

S.No	Gap	Action Taken	Date-Month-Year	Resource Person With designation	No. of Students present	Relevance to POs
1.	Biopharmaceutical principles in formulation development	Webinar on Biopharmaceutical and therapeutic considerations in dosage forms	26-09-2020	Prof. K.V. Ramanamurthy Prof and principal, college of pharmaceutical sciences, Andhra university	184	1,2,3,4,11
2.	Utilization of basic principles in drug discovery	Webinar on Challenges and opportunities for the drug discovery in developing countries	10-07-2020	Dr. Abdrrahman Shemsu Surur Post-Doctoral associate, CDT- Africa, Addis Abbaba University Ethiopia	225	1,8,9,11
3.	Connecting computers with pharmacy field	Webinar on Innovative Data Analytic Tools for Pharma Research	08-10-2020	Dr. Mandar Bodas Solution consultant, research solutions – life sciences, Elsevier	93	1,2,4,5,6,8,11
4.	Tips and suggestions from expert in field on regulatory affairs	Webinar on Pharmaceutical regulatory affairs	10-10-2020	Mr. Srinivas Gurram Vice president, Head of regulatory affairs, Quality assurance, Zydus pharmaceuticals, North America	150	1,8,9,11
5.	Role and responsibilities of pharmacy professional towards society	Webinar on Transforming Health Care – Partnering with Pharmacist	14-10-2020	Dr. S. Sriram Professor and HOD of pharmacy practice, Sri Rama Krishna institute of paramedical sciences, Coimbatore	120	1,2,4,8,11

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6.	Role of regulatory affairs in Pharma industry	Webinar on Clinical Trials & Regulatory Affairs – Paradigm Shift and Prospects	13-03-2021	Shravan Battula, Manager, Regulatory affairs and access department, Paraxel, Bangalore	105	1,2,4,8,11
7.	Professional writing and speaking skills	Webinar on Art of writing a scientific paper	30-03-2021	Dr. Gopichand chinta Senior research associate, Laila nutraceuticals R & D center, Vijayawada	148	1,2,4,8,11
8.	Animal studies and their handling	Webinar on Fundamental steps in design and execution of animal studies	30-03-2021	G. V. Narasimha kumar, Research officer, Dr. Anjali chaterjee regional research institute of homeopathy, Kolkatta	136	1,3,4,11
9.	Application of pharmacokinetic principles in clinical situations	Webinar on Application of pharmacokinetic principles in clinical situations	08-07-2021	Prof. R. Nagaraju IPT, SPMVV, Tirupati	124	1,2,4,7,8,11
10.	Importance of validation in pharmaceutical industry	Webinar on Biopharmaceutical principles and validations in pharmaceutical industry	09-07-2021	Dr. Venkidesh Ramadoss, General manager, QA. Hibrow healthcare Pvt .Ltd. Chennai	159	1,4,5,8,11
11.	Experimental design in formulation and optimization	Webinar on Application of experimental designs in formulation development	17-07-2021	Dr. J. Surya Kumar CEO, SSIIE-TBI, SPMVV	213	1,8,9,11

*H. Reddy*

Gap committee in charge

*Chandrasekhar*

Principal



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## Consolidated Report on action taken to fill the gaps in syllabus

Academic Year: 2019-2020

S.No	Gap	Action Taken	Date- Month-Year	Resource Person With designation	No.of Students present	Relevance to POs
1.	Dissolution study of buccal tablets using Lab India Dissolution test apparatus	Hands on experience	30/07/2019	Dr.V.Shanmugam Associate professor,SPSP	74	1,3,4,8
2.	Essential skills for a clinical pharmacist	Guest lecture on Continuing pharmacy education	19/08/2019	Dr. K.G. Revi Kumar Director, Kerala institute for drug studies (KIDS) Trivandrum, Kerala.	78	1,7,8,9,10,11
3.	DOE in formulation and optimization	Hands on experience	22/08/2019	Smt.M.Padmavathamma Sri Padmavathi Women's polytechnic college, Tirupati	83	1,3,4,11
4.	Drug information software	Guest talk	25/10/2019	Dr.R. Rajyalakshmi Senior pharmacovigilance associate SV medical college, Tirupati.	84	1,7,8,9,10,11
5.	Franz diffusion Cell	Hands on experience	03/01/2020	Mr.P.Prakash, Associate Professor,SPSP, Tirupati	79	1,8,11



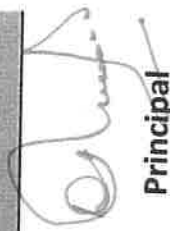
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6.	Communication , leadership and teamwork Skills	Guest lecture	21/01/2020	Mr. G.L. Manohar National trainer Designer member-Administrative committee, JCI India	79	1,3,4,8,9,11
7.	Drug release kinetics software	Guest talk	19/02/2020	Prof.R. Nagaraju Sri Padmavathi Mahila university, Tirupati	81	1,3,4,11
8.	QBD approaches in Analytical method development	Hans on experience	31/01/2020	Dr.A.Sreedevi Sri Padmavathi Mahila university, Tirupati	81	1,3,4,11
9.	Study of Herbal Cosmetic Formulations	Guest talk	07/08/2019	Dr.A.RajendraPrasad Production manager (retired) Sri srinivasa Ayurveda pharmacy, Tirupati.	73	1,7,8,9,10,11
10.	Advancements in Nanotechnology	Guest talk on Advancements in Nanotechnology	19/09/2019	Prof.M.Vidyavathi, Sri Padmavathi Mahila university, Tirupati	75	1,3,4,11
11.	Chrono pharmacology	Guest talk on Chrono pharmacology	24/09/2019	Dr.D.Sujatha Sri Padmavathi Mahila university, Tirupati	80	1,11

K. Sudhakar

Gap committee in charge

  
Principal





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## Consolidated Report on action taken to fill the gaps in syllabus

Academic Year: 2018-2019

S.No	Gap	Action Taken	Date- Month-Year	Resource Person With designation	No. of students present	Relevance to Pos
1.	Significance of ECG using student's Physiograph	Training program	17/08/2018	Dr.D.Ranganayakulu Principal, Sri Padmavathi School of Pharmacy	79	1,11
2.	Current trends and future directions of multifunctional ligands in medicinal inorganic chemistry	Seminar	18/09/2018	M.Krishnamuthy Naidu HOD of pharmacy S.V Polytechnique college	84	1,4,11
3.	"Guidelines for monitoring and reporting of ADR's - PVPI"	Guest lecture	28/09/2018	Dr. M. Neethi Chandra Associate professor Department of pulmonology, SVMC, Tirupati.	79	1,6,9,11
4.	Design of Experiments in formulation development	Hands on experience	24/10/2018	Prof.R. Nagaraju Sri Padmavathi Mahila university, Tirupati	77	1,3,4,11
5.	Experimental simulation models	Guest talk	27/10/2018	Dr.D.Sujatha Sri Padmavathi Mahila university, Tirupati	73	1,4,10,11



# SRI PADMAVATHI SCHOOL OF PHARMACY

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6.	Differential leukocyte count study and Estimation of RBC & WBC.	Hands on experience	13/12/2018	Mr.S.Dhanunjaya Assistant Professor, Sri Padmavathi School of Pharmacy	83	1,11
7.	Modern tools in Pharmaceutical Analysis	Seminar	15/03/2019	Prof.A.Sreedevi Sri Padmavathi Mahila university, Tirupati	72	1,3,4,11
8.	Strategies for marketing and management of pharmaceutical products	Guest talk	24/04/2019	Dr.J. Surya Kumar, Senior Vice president, Orchid Pharmaceuticals, Chennai	70	1,2,3,4,5,6,8,11
9.	Characterization of NMR and MASS spectra of compounds by using software	Guest talk	27/10/2018	Prof.G.Rajitha Sri Padmavathi Mahila university, Tirupati.	76	1,4,11
10.	Structure drawing tools in Pharmaceutical Chemistry	Seminar	29/04/2019	Dr.K.K.Rajasekhar Associate professor, Sri Padmavathi School of Pharmacy	75	1,2,11
11.	Importance of stability aspects in dissolution studies	Seminar	18/07/2019	Prof.M.Vidyavathi, Sri Padmavathi Mahila university, Tirupati	75	1,3,4,8



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## Gap Analysis Committee

The committee is responsible for reviewing the curriculum, finding the gaps in the syllabus and suggest the necessary actions to fill the gaps.

The gaps shall be fulfilled through MOUs, industrial visits, Guest lectures, Seminars, Workshops and Conferences.

### GAP Analysis Advisory committee Members:

S. NO	Name of the member	Designation
1	Dr.K.K.Rajasekhar	Head of Pharm. Analysis GAP committee-coordinator
2	Dr.Y.PrasannaRaju	Professor, Head of IQAC
3	Dr. D.Sujatha	Assistant professor, Sri Padmavathi mahila viswa vidyalayam,
4	Dr.M.Venkateswarlu	Associate Professor
5	Dr.A.SreenivasCharan	Associate Professor
6	Mr.S.Dhanunjaya	Assistant Professor
7	Dr.P.Keerthisikha	Associate Professor
8	Mr.T.S.Durga Prasad	Associate Professor
9	Mr.D.Jamalbasha	Assistant Professor
10	Dr.B.Kishore	Associate Professor

  
PRINCIPAL

Copy to:

1. Chairman , SPSP
2. HODs to circulate among faculty and students.
3. Chairman, GAP
4. Members of GAP



## SRI PADMAVATHI SCHOOL OF PHARMACY

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### GAP ANALYSIS COMMITTEE

The committee is responsible for reviewing the curriculum, finding the gaps in the syllabus and suggest the necessary actions to fill the gaps.

The gaps shall be fulfilled through MOUs, industrial visits, Guest lectures, Seminars, Workshops and Conferences.

#### Composition of GAP committee

S. NO	Name of the member	Designation
1	Dr.K.K.Rajasekhar	Head of Pharm. Analysis GAP committee – Coordinatar
2	Dr.B.Kishore	Associate Professor
3	Dr. Y.PrasannaRaju	Professor, Head of IQAC
4	Dr. D.Sujatha	Assistant professor, Sri Padmavathi mahila viswa vidyalayam,
5	Dr.M.Venkateswarlu	Associate Professor
6	Dr.A.SreenivasCharan	Associate Professor
7	Mr.S.Dhanunjaya	Assistant Professor
8	Dr.P.Keerthisikha	Associate Professor
9	Mr.T.S.Durga Prasad	Associate Professor
10	Mr.D.Jamal basha	Assistant Professor



**2020-21**



# SRI PADMAVATHI SCHOOL OF PHARMACY

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Academic Year: 2020-2021

## Consolidated Report on action taken to fill the gaps in syllabus

S.No	Gap	Action Taken	Date-Month-Year	Resource Person With designation	No. of Students present	Relevance to POs
1.	Biopharmaceutical principles in formulation development	Webinar on Biopharmaceutical and therapeutic considerations in dosage forms	26-09-2020	Prof. K.V. Ramanamurthy Prof and principal, college of pharmaceutical sciences, Andhra university	184	1,2,3,4,11
2.	Utilization of basic principles in drug discovery	Webinar on Challenges and opportunities for the drug discovery in developing countries	10-07-2020	Dr. Abdurahman Shemsu Surur Post-Doctoral associate, CDT- Africa, Addis Abbaba University Ethiopia	225	1,8,9,11
3.	Connecting computers with pharmacy field	Webinar on Innovative Data Analytic Tools for Pharma Research	08-10-2020	Dr. Mandar Bodas Solution consultant, research solutions – life sciences, Elsevier	93	1,2,4,5,6,8,11
4.	Tips and suggestions from expert in field on regulatory affairs	Webinar on Pharmaceutical regulatory affairs	10-10-2020	Mr. Srinivas Gurram Vice president , Head of regulatory affairs, Quality assurance, Zydus pharmaceuticals, North America	150	1,8,9,11
5.	Role and responsibilities of pharmacy professional towards society	Webinar on Transforming Health Care – Partnering with Pharmacist	14-10-2020	Dr. S. Sriram Professor and HOD of pharmacy practice, Sri Rama Krishna institute of paramedical sciences, Coimbatore	120	1,2,4,8,11



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6.	Role of regulatory affairs in Pharmaceutical industry	Webinar on Clinical Trials & Regulatory Affairs – Paradigm Shift and Prospects	13-03-2021	Shravan Battula, Manager, Regulatory affairs and access department, Paraxel, Bangalore	105	1,2,4,8,11
7.	Professional writing and speaking skills	Webinar on Art of writing a scientific paper	30-03-2021	Dr. Gopichand chinta Senior research associate, Laila nutraceuticals R & D center, Vijayawada	148	1,2,4,8,11
8.	Animal studies and their handling	Webinar on Fundamental steps in design and execution of animal studies	30-03-2021	G.V.Narasimha kumar, Research officer, Dr. Anjali chaterjeeregional research institute of homeopathy, Kolkatta	136	1,3,4,11
9.	Application of pharmacokinetic principles in clinical situations	Webinar on Application of pharmacokinetic principles in clinical situations	08-07-2021	Prof.R. Nagaraju IPT, SPMVV, Tirupati	124	1,2,4,7,8,11
10.	Importance of validation in pharmaceutical industry	Webinar on Biopharmaceutical principles and validations in pharmaceutical industry	09-07-2021	Dr. Venkidesh Ramadoss, General manager, QA.Hibrow healthcare Pvt .Ltd. Chennai	159	1,4,5,8,11
11.	Experimental design in formulation and optimization	Webinar on Application of experimental designs in formulation development	17-07-2021	Dr.J. Surya Kumar CEO, SSIE-TBI, SPMVV	213	1,8,9,11

*H. R. Reddy*

Gap committee in charge

*Chandrasekhar*

Principal

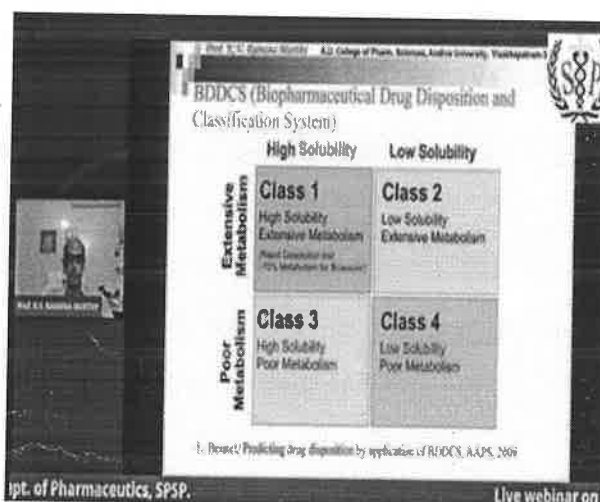
# **GAP REPORTS**

**2020-21**

## Webinar on “Biopharmaceutical and therapeutic considerations in dosage forms”

Name of the speaker	Prof. K.V. Ramanamurthy Prof and principal, college of pharmaceutical sciences, Andhra university
GAP Covered	Biopharmaceutical principles in formulation development
Date	26.09.2020
Venue	SPSP(Online)- YouTube & Facebook live
Online platform	StreamYard
No. of Students attended	184

Department of Pharmaceutics as a part of its decennial celebrations, had organized a global webinar on “Biopharmaceutical and therapeutic considerations in dosage form design” on 26<sup>th</sup> October 2020. Prof. K.V. Ramanamurthy, Professor & Principal – College of Pharmaceutical Sciences, Andhra University, served as a speaker for this webinar. The webinar was focused on Biopharmaceutical and therapeutic considerations in designing the dosage form.

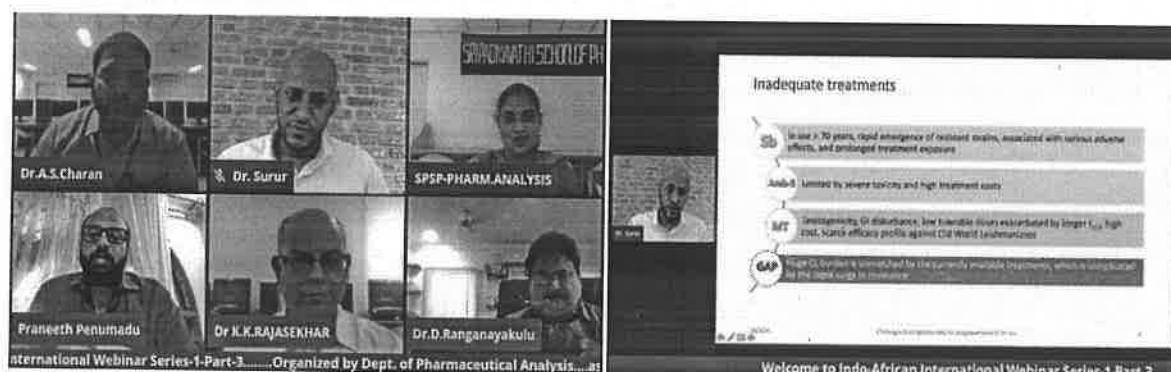




## Webinar on “Challenges and opportunities for the drug discovery in developing countries”

Name of the speaker	Dr Abdrrahman Shemsu Surur Post Doctoral Research Associate, CDT Africa, Addis Ababa University, Ethiopia
GAP Covered	Utilization of basic principles in drug discovery
Date	10.07.2020
Venue	SPSP(Online)- YouTube & Facebook live
Online platform	StreamYard
No. of Students attended	225

Department of Pharmaceutical Analysis as a part of its decennial celebrations had organized an international webinar series “Indo-African International Webinar Series 1 (IAIWS-1)”. This webinar series was conducted in three parts. IAIWS-1 Part-1 was conducted on the theme “Vaccine Development: The role of Pharmaceutical Analysis and Quality Assurance” on 29th September 2020, for which Mr Nurahmed Seid Getaw, Lecturer in Pharmaceutical Analysis & QA, Department of Pharmaceutical Chemistry, University of Gondar, Gondar, North west Ethiopia served as a speaker. IAIWS-1 Part-3 was conducted on the theme “Challenges and opportunities for drug discovery in developing countries”: The example of cutaneous Leishmaniasis” on 7th October 2020, for which Dr Abdrrahman Shemsu Surur, Post Doctoral Research Associate, CDT Africa, Addis Ababa University, Ethiopia served as a speaker. It mainly focused on the importance of vaccine development in view of recent covid-19 pandemic, role of QA development and an enlightening talk on the issues faced by African countries in the drug discovery and development phases.



## Webinar on “Innovative Data Analytic Tools for Pharma Research”

Name of the speaker	Dr Mandar Bodas, Solution Consultant, Research Solutions Life Sciences, Elsevier India
GAP covered	Connecting computers with pharmacy field
Date	08.10.2020
Venue	SPSP(Online)- YouTube & Facebook live
Online platform	StreamYard
No. of Students attended	93

Department of Pharmaceutical Analysis as a part of its decennial celebrations, had organized a global webinar on “Innovative Data Analytic Tools for Pharma Research” on 8<sup>th</sup> October 2020. Dr MandarBodas, Solution Consultant, Research Solutions Life Sciences, Elsevier India, served as a speaker for this webinar. The webinar was focused on various data mining tools which are used to gather data on drug profile, physico-chemical data, synthetic routes, docking studies, clinical studies and imputy profiling etc. Around 268 registrations were received for this webinar in which student and faculty from various colleges participated and shared their insights on this webinar.

**Pharmapendium: Scope and Content**

4,678 Drugs indexed and fully searchable	>2,740,000+ Pages of FDA approval documents
>2,048,000+ Pharmacokinetic data lines	>283,000+ Pages of EMA approval documents
>448,000+ Metabolizing enzyme and transporter data lines	>14,769,000+ FDA AERS reports
>2,031,000 Safety data lines	>748,000+ Pages from FDA advisory committee meetings/docs

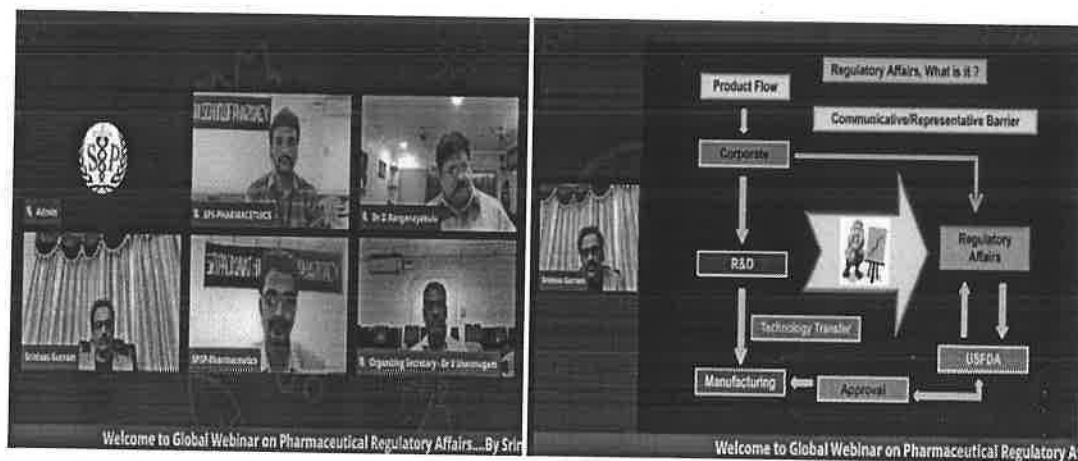
As a part of "Decennial Celebrations-2020" SPSP, Tiruchanoor

ational Webinar on Data Analytic Tools For Pharma Research.....Organized by Dept. of Pha

## Webinar on “Pharmaceutical Regulatory Affairs”

Name of the speaker	Mr. SrinivasGurram, vice president &Head of Regulatory Affairs & Quality Assurance Zydus Pharmaceuticals USA Inc., North America
GAP covered	Tips and suggestions from expert in field on regulatory affairs
Date	10.10.2020
Venue	SPSP(Online)- YouTube & Facebook live
Online platform	StreamYard
No. of Students attended	150

Department of Pharmaceutics had organized a global webinar on “Pharmaceutical regulatory affairs –I Win You Win and We Win(We ignore nothing /No one)” on 10<sup>th</sup> October 2020.Mr. Srinivas Gurram, vice president &Head of Regulatory Affairs & Quality Assurance ,Zydus Pharmaceuticals USA Inc., North America, served as a speaker for this webinar. The webinar was focused on requirements and process for new drug approval. Around 268 registrations were received for this webinar in which student and faculty from various colleges participated and shared their insights on this webinar.



## Webinar on “Transforming health care –Partnering with pharmacist”

Name of the speaker	Dr. S. Sriram, Professor and Head Dept of Pharmacy Practice, Sri Ramakrishna Institute of Paramedical Sciences, Coimbatore.	
Date	14.10.2020	
GAP covered	Role and responsibilities of pharmacy professional towards society	
Venue	SPSP(Online)	
Online platform	StreamYard	
No. of Students attended	120	

Department of Pharmaceutics had organized a global webinar on “Transforming health care – Partnering with pharmacist” on 14<sup>th</sup> October 2020. Dr. S. Sriram, Professor and Head, Dept of Pharmacy Practice, Sri Ramakrishna Institute of Paramedical Sciences, Coimbatore, served as a speaker for this webinar. The webinar was focused on importance pharmacy profession and emphasized the roles, responsibilities and future goals in pharmacy profession. Around 268 registrations were received for this webinar in which student and faculty from various colleges participated and shared their insights on this webinar.

**National Webinar on**  
"Transforming Health care-  
Partnering with Pharmacist"

**Honorable Speaker**

Dr. S. Sriram

**GLOBAL HEALTHCARE CRISIS**

LOW QUALITY OF CARE  
HIGH MEDICAL RISK  
MEDICAL ERRORS  
POTENTIALLY HIGH HEALTHCARE COSTS  
EXCESSIVE PRESCRIPTION  
SHORTAGE OF PHYSICIANS AND MEDICAL STAFF  
LACK OF PATIENT ENGAGEMENT AND EMPOWERMENT  
LACK OF HEALTH SYSTEM INTEROPERABILITY  
LACK OF HEALTH INFORMATION NETWORK

Organized by  
Department of Pharmacy Practice  
Sri Ramakrishna Institute of  
Paramedical Sciences

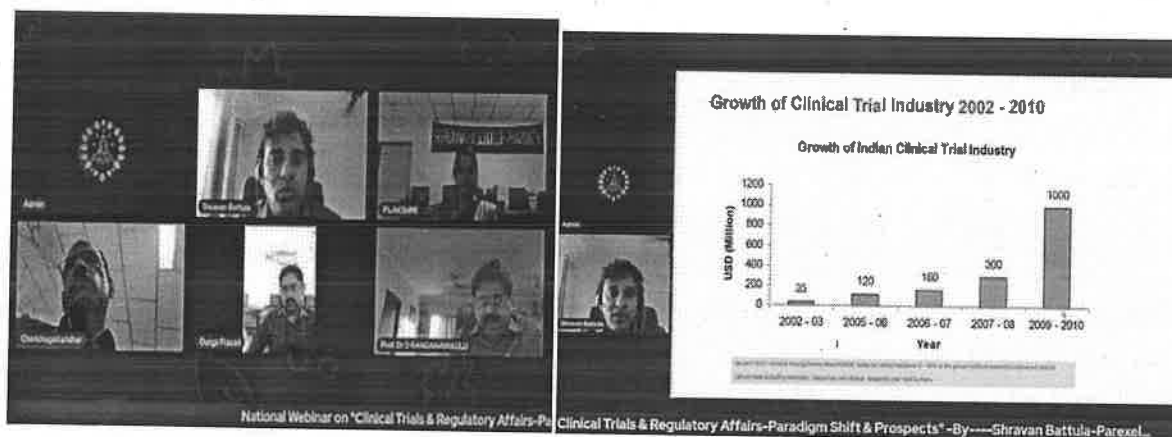
Welcome to all... The live webinar starts at 11AM IST...

Partnering with Pharmacist' by Honorable Speaker Dr. S. Sriram. Organized by Dept. of Ph'

## Webinar on “Clinical Trials and Regulatory Affairs”

Name of the speaker	Mr.ShravanBattula, Executive MBA (IM Bangalore) Manager – Regulatory Affairs & Access of Dept, Parexel, Bangalore.
Date	13.03.2021
GAP covered	Role of regulatory affairs in Pharma industry
Venue	SPSP(Online)- YouTube & Facebook live
Online platform	StreamYard
No. of Students attended	105

Department of Pharmacy Practice had organized a global webinar on “Clinical Trails and Regulatory Affairs – Paradigm Shift and prospects ” on 13<sup>th</sup> March 2021. Mr.ShravanBattula,Executive MBA (IM Bangalore)Manager – Regulatory Affairs & Access of Dept, Parexel, Bangalore, served as a speaker for this webinar. The webinar was focused on rules and regulations for clinical trial approval process and speaker has added insights on global and Indian scenario of clinical trials . Around142 registrations were received for this webinar in which student and faculty from various colleges participated and shared their insights on this webinar.





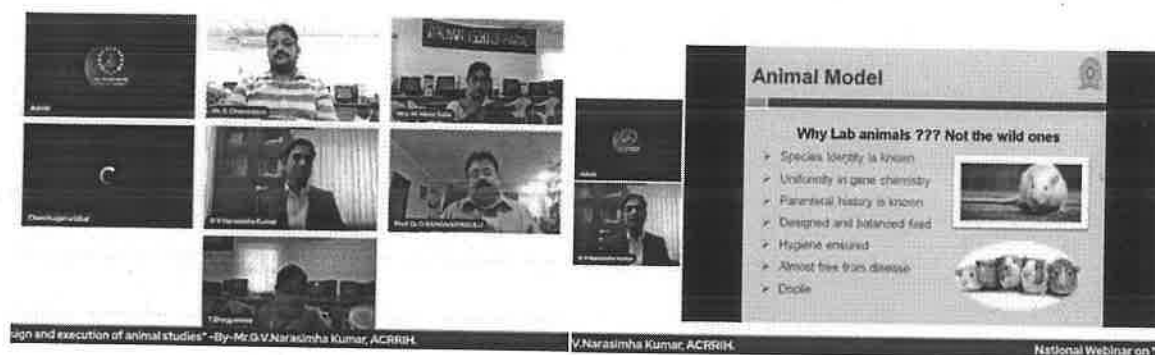
## Webinar on “Fundamental steps in design and execution of animal studies”

Name of the speaker

Mr. G.V. Narasimha Kumar,  
Research Officer (Pharmacology) / Scientist,  
Dr. Anjali Chatterjee Regional Research Institute for  
Homeopathy,

Date	30.03.2020
GAP covered	Animal studies and their handling
Venue	SPSP(Online)- YouTube & Facebook live
Online platform	StreamYard
No. of Students attended	136


Department of Pharmacology had organized a global webinar on “Fundamental steps in design and execution of animal studies” on 30<sup>th</sup> March 2021. Mr. G.V. Narasimha Kumar, Research Officer (Pharmacology) / Scientist, Dr. Anjali Chatterjee Regional Research Institute for Homeopathy, served as a speaker for this webinar. The webinar was focused on basics and ethical principles of animal handling for performing animal studies. Around 161 registrations were received for this webinar in which student and faculty from various colleges participated and shared their insights on this webinar.



## Webinar on “Art of writing a scientific paper”

Name of the speaker	Dr. GopichandChinta, Senior Research Associate, Pharmacology & Medical affairs, Lalilanutraceuticals R&D Centre, Vijayawada
Date	30.03.2021
GAP covered	Professional writing and speaking skills
Venue	SPSP(Online)- YouTube & Facebook live
Online platform	StreamYard
No. of Students attended	148

Department of Pharmacology had organized a global webinar on “Art of writing a scientific paper” on 30<sup>th</sup> March 2021. Dr. Gopichand Chinta, Senior Research Associate, Pharmacology & Medical affairs, Lalila nutraceuticals R&D Centre, Vijayawada, served as a speaker for this webinar. The webinar was focused on how to write a good scientific paper for acceptance in peer reviewed journals. Around 161 registrations were received for this webinar in which student and faculty from various colleges participated and shared their insights on this webinar.



### Graphs & Figures

- > Show your most important findings as graphs and figures
- > Let your graphs & figures not take up much more space
- > Symbols, abbreviations, hatching, line types, and bars
- > Very clear and explain in detail without cluttering the picture, and legend should be comprehensive
- > What is useful in oral presentations, may not be useful in published journal articles

e.g., pie charts

Thank you all \_\_\_\_\_ The feedback form will be sent to your registered mail \_\_\_\_\_

Webinar on “Art of writing scientific paper” - By Dr. Gopichand Chinta, Lalla Nutri

## Webinar on “Application of Pharmacokinetic principles in clinical situations”

Name of the speaker	Prof.R.Nagaraju, IPT, SPMVV,Tirupati
GAP covered	Application of pharmacokinetic principles in clinical situations
Date	08.07.2021
Venue	SPSP(Online)- YouTube & Facebook live
Online platform	StreamYard
No. of Students attended	124

Department of Pharmaceutics had organized a global webinar on “ Applications of Pharmacokinetic principles in clinical situations” on 8<sup>th</sup> July 2021. Prof.R.Nagaraju, IPT, SPMVV, Tirupati served as a speaker for this webinar. The webinar was focused on various applications of pharmacokinetic parametres like therapeutic drug monitoring, individualization and design of dosage regimens in clinical situations. Around registrations were received for this webinar in which student and faculty from various colleges participated and shared their insights on this webinar

**Therapeutic Drug Monitoring**

- Therapeutic drug monitoring refers to the individualization of dosage by maintaining plasma or blood drug concentrations within a target range (therapeutic range, therapeutic window)

**Pharmacokinetic Parameters**

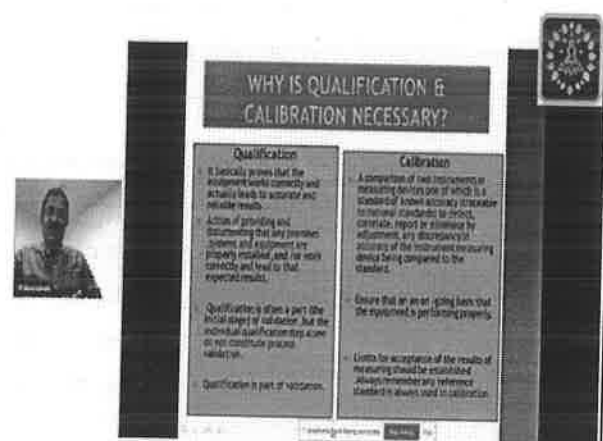
- Volume of distribution  $\rightarrow V = \text{DOSE} / C_0$
- Plasma clearance  $\rightarrow \text{Cl} = K_{el} \cdot V$
- Plasma half-life ( $t_{1/2}$ )  $\rightarrow$  directly from graph or  $t_{1/2} = 0.693 / K_{el}$
- Bioavailability  $\rightarrow (AUC)_x / (AUC)_y$

National Webinar on "Application of Pharmacokinetic Principles in Clinical Situations" -By-Prof.R.Nagaraju, Dean of Sciences, IPT, SPMVV, Tirupati

## Webinar on "Bio pharmaceuticals principles and Validations in pharmaceutical Industry"

Name of the speaker	Dr. Venkidesh Ramadoss General Manager QA, Hibrow Health care Pvt Ltd.Chennai, India
GAP covered	Importance of validation in pharmaceutical industry
Date	09.07.2021
Venue	SPSP(Online)- YouTube & Facebook live
Online platform	StreamYard
No. of Students attended	159

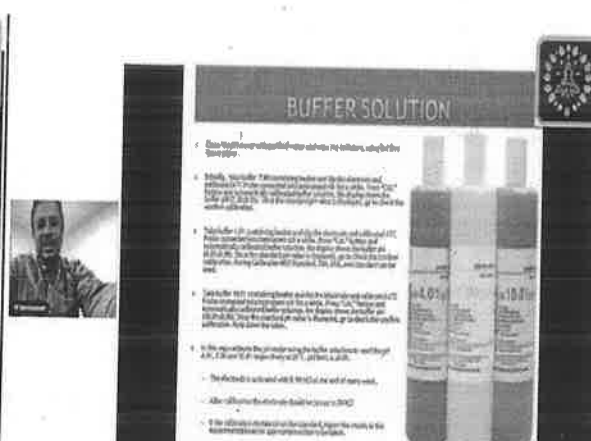
Department of Pharmacy Practice had organized a global webinar on "Bio pharmaceuticals principles and Validations in pharmaceutical Industry" on 9<sup>th</sup> July 2021. Dr. Venkidesh Ramadoss General Manager QA, Hibrow Health care Pvt Ltd Chennai, India, served as a speaker for this webinar. The webinar was focused on basic calibration and validation process of pharmaceuticals. Around 161 registrations were received for this webinar in which student and faculty from various colleges participated and shared their insights on this webinar.



**WHY IS QUALIFICATION & CALIBRATION NECESSARY?**

**Qualification**  
It basically proves that the equipment works correctly and actually leads to accurate and reliable results.  
Action of providing and documenting that any process, system and equipment are properly installed and are working correctly and lead to that expected results.  
Qualification is often a part of the initial steps of validation. Just the individual qualification steps alone do not constitute process validation.  
Qualification is part of validation.

**Calibration**  
A comparison of two instruments or measuring devices one of which is a standard of known accuracy traceable to national standards to detect, correlate, report or eliminate by adjustment, any discrepancy of accuracy of the instrument measuring device being compared to the standard.  
Ensure that an error going back that the equipment is performing properly.  
Limits for acceptance of the results of measuring should be established. Always maintain any reference standards in always used in calibration.



**BUFFER SOLUTION**

1. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

2. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

3. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

4. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

5. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

6. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

7. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

8. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

9. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

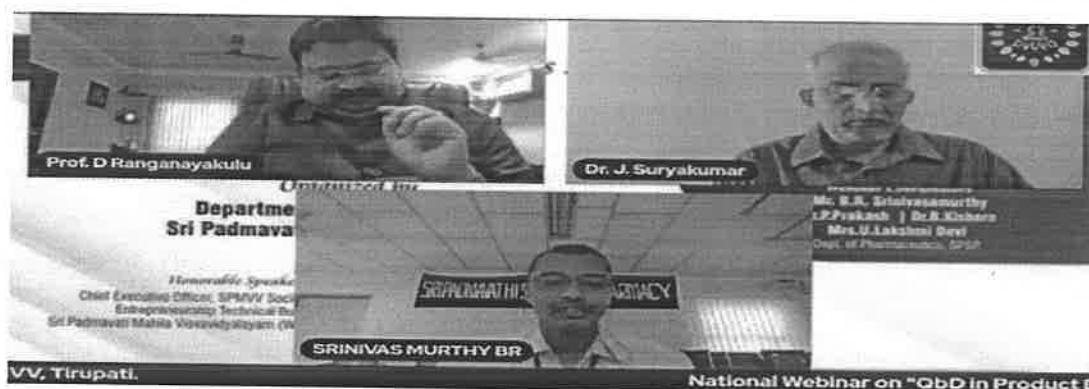
10. Buffer solutions are used to maintain a constant pH in pharmaceutical processes.

Chennai, India. National Webinar on "Calibration, Validation, and Qualification" Dr. Venkidesh Ramadoss, QA, Hibrow Health care Pvt Ltd, Chennai, India.

## Webinar on “QBD in Product development”

Name of the speaker	Dr.J.Surya Kumar CEO,SSIIE-TBI, SPMVV
GAP covered	Experimental design in formulation and optimization
Date	17.07.2021
Venue	SPSP(Online)- YouTube & Face book live
Online platform	StreamYard
No. of Students attended	213

Department of Pharmaceutics had organized a global webinar on “QBD in product development” on 17<sup>th</sup> July 2021. Dr.J.Surya Kumar CEO,SSIIE-TBI, SPMVV served as a speaker for this webinar. The webinar was focused on quality by design in drug development like quality target, product design and understanding. Around registrations were received for this webinar in which student and faculty from various colleges participated and shared their insights on this webinar.



### Why QbD ?

- Ensures higher level of assurance of product quality for patient
  - Improved product and process design & understanding
  - Monitoring, tracking & trending of product & process
- Cost saving for industry
  - Increased efficiency of manufacturing process
  - Minimize / eliminate potential compliance actions

### QRM - Risk Assessment

Risk assessment consists of the

- Risk identification
- Risk analysis
- Risk evaluation

The risk assessment process involves three fundamental questions :





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**From**

Dr.K.K.Rajasekhar,  
GAP Committee In charge  
Sri Padmavathi School of Pharmacy  
Tiruchanoor.

**05.04.2021**

**Tiruchanoor**

**To**

The Principal,  
Sri Padmavathi school of Pharmacy,  
Tiruchanoor  
Respected Sir,

Sub: Request for permission to organize Gap Analysis Committee (GAC) meeting-Reg.

I would like to bring to your kind notice that, in our institution, we are planning to conduct a meeting for GAP Analysis on 07-04-2021 at computer lab by 11:00 AM. Hence, I kindly request you to permit us to conduct the meeting regarding Gap Analysis with all the HODS and senior faculty members.

Thanking you sir

Yours faithfully

Dr.K.K.Rajasekhar,  
GAP Committee In charge



# SRI PADMAVATHI SCHOOL OF PHARMACY

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15.07.2020

## CIRCULAR

All the faculty who are the members of GAP Analysis Committee are hereby informed that a GAC meeting will be organized on 16.07.2020 through online mode via MS TEAMS. The agenda of the meeting is to discuss about the following.

### Agenda:

1. To propose the gaps for R19 (I-I,II-I) & R15(III-I,IV-I) curriculum and to suggest the events for filling the gaps in first semester.
2. To propose the different events that encourages research and communications skills in the students for 2020-21 academic years.

The following faculties are advised to attend the meeting.

S. NO	Name of the member	Designation	Signature
1	Dr.K.K.Rajasekhar	Head of Pharm. Analysis GAP committee – Coordinator	
2	Dr.B.Kishore	Assistant Professor	
3	Dr.Y.PrasannaRaju	Professor, Head of IQAC	
4	Dr. D.Sujatha	Assistant professor, Sri Padmavathi mahila viswa vidyalayam,	
5	Dr.M.Venkateswarlu	Associate Professor	
6	Dr.A.SreenivasCharan	Associate Professor	
7	Mr.S.Dhanunjaya	Assistant Professor	
8	Dr.P.Keerthisikha	Associate Professor	
9	Mr.T.S.Durga Prasad	Associate Professor	
10	Mr.D.Jamal basha	Assistant Professor	

Dr.K.K.Rajasekhar

GAP Committee Coordinator



# SRI PADMAVATHI SCHOOL OF PHARMACY

Mohan Gardens, Vaishnavi Nagar, Tiruchanoor (PO), Chittoor (Dist.), AP - 517503  
(Approved by AICTE, New Delhi, approved by PCI, New Delhi, Affiliated to JNTUA, Anantapur,  
Recognized Under 2(f) & 12(B) of UGC Act.)

17-07-2020

## MINUTES OF THE MEETING

A meeting with all the HODs and the members of "Gap Analysis Committee (GAC) was held on 16-07-2020 in MS teams. The following minutes were noted in the meeting.

1. The members discussed about the mapping of course outcomes with program outcomes.
2. The members discussed about the gaps necessity in the syllabus of R15 & R19 regulation.
3. The members discussed about the benefits attained by the students through the objectives framed by the committee.
4. The members proposed the various content beyond syllabus topics and suggested the resource persons and events to cover the topics.
5. The members discussed about the different events that can be conducted online which enhances research and communications skills in the students for 2020-21 academic year.

**PRINCIPAL**  
**Sri Padmavathi School of Pharmacy**  
**TIRUCHANOOR**  
**TIRUPATI (A.P)**



# SRI PADMAVATHI SCHOOL OF PHARMACY

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08.04.2021

## CIRCULAR

All the faculty who are the members of GAP Analysis Committee are here by informed that a GAC meeting will be organized on 09.04.2021 in computer lab by 10:30 AM. The agenda of the meeting is to discuss about the following.

### Agenda:

1. To propose the gaps for R19(I-II, II-II) & R15(III-II, IV-II) curriculum and to suggest the events for filling the gaps in second semester.
2. To propose the different events that encourages research and communications skills in the students for 2020-21 academic years.

The following faculty are advised to attend the meeting.

S. NO	Name of the member	Designation	Signature
1	Dr.K.K.Rajasekhar	Head of Pharm. Analysis GAP committee – Coordinator	
2	Dr.B.Kishore	Assistant Professor	
3	Dr.Y.PrasannaRaju	Professor, Head of IQAC	
4	Dr. D.Sujatha	Assistant professor, Sri Padmavathi mahila viswa vidyalayam,	
5	Dr.M.Venkateswarlu	Associate Professor	
6	Dr.A.SreenivasCharan	Associate Professor	
7	Mr.S.Dhanunjaya	Assistant Professor	
8	Dr.P.Keerthisikha	Associate Professor	
9	Mr.T.S.Durga Prasad	Associate Professor	
10	Mr.D.Jamal basha	Assistant Professor	

Dr.K.K.Rajasekhar

GAP Committee coordinator



## SRI PADMAVATHI SCHOOL OF PHARMACY


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10.04.2021

### MINUTES OF MEETING

A meeting with all the HODs and members of GAP Analysis Committee was held on 09.04.2021 in computer lab. The following minutes have been noted in the meeting.

1. The members discussed about the mapping of course outcomes with program outcomes.
2. The members discussed about the gaps necessity in the syllabus of R15 & R19 regulation.
3. The members discussed about the benefits attained by the students through the objectives framed by the committee.
4. The members proposed the various content beyond the syllabus topics and suggested the resource persons events to cover the topics.
5. The members review the many events that can be held to improve students' research and communication skills for the 202-21 academic year

  
PRINCIPAL  
Sri Padmavathi School of Pharmacy,  
TIRUCHANOOR  
TIRUPATI (A.P.)





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### Content beyond syllabus approved by GAC for the academic year 2020-21

S.No	Course Code	Name of the course	Gap/Content beyond syllabus
1.	BP105T	Communication skills	Professional writing and speaking skills
2.	BP210P	Computer applications in Pharmacy	Connecting computers with pharmacy field
3.	15R00707	Pharmacovigilance	Role of regulatory affairs in Pharma industry
4.	15R00701	Novel drug delivery systems	Importance of validation in pharmaceutical industry
5.	15R00802	MOOCS III	Tips and suggestions from expert in field on regulatory affairs
6.	15R00805	Project work	Application of pharmacokinetic principles in clinical situations
7.	15R00801	MOOCS-II (Biostatistics and DOE)	Experimental design in formulation and optimization
8.	15R00702	Pharmacology III	Animal studies and their handling
9.	15R00701	Novel drug delivery systems	Biopharmaceutical principles in formulation development
10.	15R00703	Clinical and hospital Pharmacy	Role and responsibilities of pharmacy professional towards society
11.	15R00704	Medicinal chemistry II	Utilization of basic principles in drug discovery

**PRINCIPAL**  
**Sri Padmavathi School of Pharmacy**  
**TIRUCHANOOR**  
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## Consolidated Report on action taken to fill the gaps in syllabus

Academic Year: 2019-2020

S.No	Gap	Action Taken	Date- Month-Year	Resource Person With designation	No.of Students present	Relevance to POs
1.	Dissolution study of buccal tablets using Lab India Dissolution test apparatus	Hands on experience	30/07/2019	Dr.V.Shanmugam Associate professor,SPSP	74	1,3,4,8
2.	Essential skills for a clinical pharmacist	Guest lecture on Continuing pharmacy education	19/08/2019	Dr. K.G. Revi Kumar Director, Kerala institute for drug studies (KIDS) Trivandrum, Kerala.	78	1,7,8,9,10,11
3.	DOE in formulation and optimization	Hands on experience	22/08/2019	Smt.M.Padmavathamma Sri Padmavathi Women's polytechnic college, Tirupati	83	1,3,4,11
4.	Drug information software	Guest talk	25/10/2019	Dr.R. Rajyalakshmi Senior pharmacovigilance associate SV medical college, Tirupati.	84	1,7,8,9,10,11
5.	Franz diffusion Cell	Hands on experience	03/01/2020	Mr.P.Prakash, Associate Professor,SPSP, Tirupati	79	1,8,11

8

2019-20

8



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6.	Communication , leadership and teamwork Skills	Guest lecture	21/01/2020	Mr. G.L. Manohar National trainer Designer member-Administrative committee, JCI India	79	1,3,4,8,9,11
7.	Drug release kinetics software	Guest talk	19/02/2020	Prof.R. Nagaraju Sri Padmavathi Mahila university, Tirupati	81	1,3,4,11
8.	QBD approaches in Analytical method development	Hans on experience	31/01/2020	Dr.A.Sreedevi Sri Padmavathi Mahila university, Tirupati	81	1,3,4,11
9.	Study of Herbal Cosmetic Formulations	Guest talk	07/08/2019	Dr.A.RajendraPrasad Production manager (retired) Sri srinivasa Ayurveda pharmacy, Tirupati.	73	1,7,8,9,10,11
10.	Advancements in Nanotechnology	Guest talk on Advancements in Nanotechnology	19/09/2019	Prof.M.Vidyavathi, Sri Padmavathi Mahila university, Tirupati	75	1,3,4,11
11.	Chrono pharmacology	Guest talk on Chrono pharmacology	24/09/2019	Dr.D.Sujatha Sri Padmavathi Mahila university, Tirupati	80	1,11

*K. Sudhakar*

Gap committee in charge

**PRINCIPAL**  
Sri Padmavathi School of Pharmacy  
Tiruchanoor (PO), Chittoor (Dist.), AP

# **GAP REPORTS**

## **2019-20**

## Training on “Dissolution Study of Buccal tablets using Lab India Dissolution Test Apparatus”

Name of the speaker	Dr.V.Shanmugam Associate professor,SPSP
GAP Covered	Dissolution Study of Buccal tablets using Lab India Dissolution Test Apparatus
Date	30/07/2019
Venue	Pharmaceutics lab
No. of Students attended	74

A training programme has been conducted on “Dissolution Study of Buccal tablets are using Lab India Dissolution Test Apparatus” on 30<sup>th</sup> July 2019. Dr.V.Shanmugam, Associate professor, SPSP, served as a speaker for this session. The training was focused on different dissolution studies of buccal tablets using especially lab India dissolution test apparatus. Around 74 students attended this program.








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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2019-20

Name of the Resource person	Dr. K. G. Revu kumar
Designation	Director
Institution/university/organization	Kerala Institute for drug studies
Title of the Topic covered/lecture	Essential skills for a clinical pharmacist
Date & Time	19/08/2019
Venue	Seminar hall
No of students attended	78
Signature	



GAP Committee In-charge

## Seminar on “Essential skills for a clinical pharmacist”

Name of the speaker	Dr. K.G. Revi Kumar Director, Kerala institute for drug studies (KIDS) Trivandrum, Kerala
GAP Covered	Essential skills for a clinical pharmacist
Date	19/08/2019
Venue	Seminar hall, SPSP
No. of Students attended	78

A guest lecture has been conducted on “Essential skills for a clinical pharmacist” on 19<sup>th</sup> August 2019. Dr. K.G. Revi Kumar Director, Kerala institute for drug studies (KIDS) Trivandrum, Kerala, served as a speaker for this seminar. The seminar was focused on the essential skills, prospects and opportunities for pharmacy students. Around 78 students and faculty are attended for this seminar and actively participated.





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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2019-20

Name of the Resource person	Smt. M. padmavathamma
Designation	
Institution/university/organization	Sri padmavathi Women's polytechnic college
Title of the Topic covered/lecture	DOE in formulation and optimization
Date & Time	22/08/2019
Venue	Seminar hall
No of students attended	83
Signature	

GAP Committee In-charge

## Training on “DOE in formulation and optimization”

Name of the speaker	Smt.M.Padmavathamma Sri Padmavathi Women's polytechnic college, Tirupati
GAP Covered	DOE in formulation and optimization
Date	22/08/2019
Venue	Pharmaceutics Lab
No. of Students attended	83

A Training programme has been conducted on “DOE in formulation and optimization” on 22<sup>nd</sup> August 2019. Smt.M.Padmavathamma, Sri Padmavathi Women's polytechnic college, Tirupati associated with A.Rekha devi served as speakers for this session. The main intention of the session was focused on the Design of experiments in formulation and optimization of products. Around 83 students and faculty are attended for this training program.






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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2019-20

Name of the Resource person	R. Rajyalakshmi
Designation	Senior pharmacovigilance associate
Institution/university/organization	SV medical college, Tirupati
Title of the Topic covered/lecture	Drug information software
Date & Time	25/10/2019
Venue	Seminar hall
No of students attended	84
Signature	



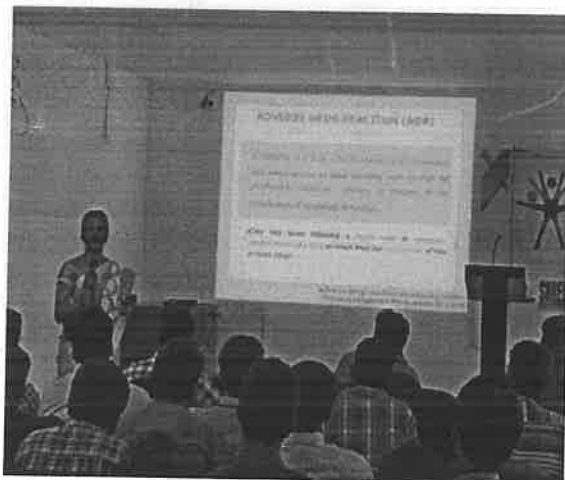
GAP Committee In-charge



## Seminar on “Drug information software”

Name of the speaker	Dr.R Rajyalakshmi Senior pharmacovigilance associate SV medical college, Tirupati
Date	25/10/2019
Venue	Seminar Hall, SPSP
No. of Students attended	84

A guest lecture has been conducted seminar on “Drug information software” on 25<sup>th</sup> October 2019. Dr.R Rajyalakshmi Senior Pharmacovigilance associate SV medical college, Tirupati, served as a speaker for this seminar. The seminar focused on different software for drug information and how well it operates. Around 84 students and faculty are attended for this seminar and actively participated.





## Hands on experience on “Franz diffusion Cell”

Name of the speaker	Mr.P.Prakash, Associate Professor,SPSP, Tirupati
Date	03/01/2020
Venue	Pharmaceutics, Lab
No. of Students attended	79

Hands on experience session has been conducted on “Franz diffusion cell” on 03rd January 2020. Prof. Mr.P.Prakash Associate professor SPSP, Tirupati, served as a trainer for this session. The seminar was focused on simple, reproducible test for measuring the in vitro drug release from creams, ointments, and gels. Around 79 students and faculty are attended for this seminar and actively participated.





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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2019-20

Name of the Resource person	G. L. Manohar
Designation	Secretary of JCI
Institution/university/organization	JCI India
Title of the Topic covered/lecture	Personality Development and Communication Skills
Date & Time	21/01/2020
Venue	Seminar hall
No of students attended	79
Signature	

GAP Committee In-charge

## Seminar on “Communication, leadership and teamwork Skills”

Name of the speaker	Mr. G.L. Manohar National trainer Designer member-Administrative committee, JCI India
Date	21/01/2020
Venue	Seminar Hall, SPSP
No. of Students attended	79

A guest lecture has been conducted seminar on “Communication ,leadership and teamwork Skills” on 21<sup>st</sup> January,2020 Mr. G.L. Manohar National trainer Designer member-Administrative committee, JCI India, served as a speaker for this seminar. The seminar focused on effective and good communication skills, team leadership qualities, and teamwork abilities. Around 79 students and faculty are attended for this seminar and actively participated





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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2019-20

Name of the Resource person	Prof - R. Nagaraju
Designation	Professor
Institution/university/organization	SPMW, IPT
Title of the Topic covered/lecture	Drug release kinetics
Date & Time	19/02/2020
Venue	Seminar Hall - SPMW
No of students attended	34
Signature	Rujk.

Dr. R. NAGARAJU

M.Pharm., Ph. D

Professor of Pharmaceutics

Institute of Pharmaceutical Technology

S P MAHILA VISVAVIDYALAYAM

(Women's University)

TIRUPATI-517 502, A.P.

  
GAP Committee In-charge

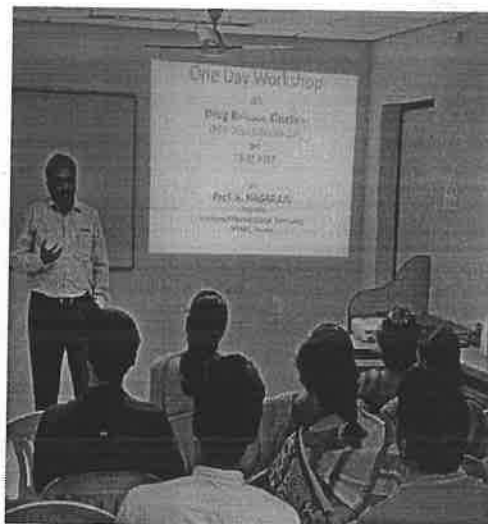
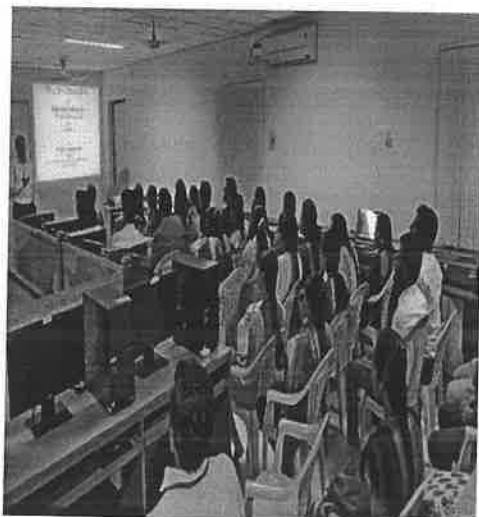
## Seminar on “Drug release kinetics software”

Name of the speaker	Prof.R. Nagaraju Sri Padmavathi Mahila university, Tirupati
Date	19/02/2020
Venue	SPSP computer lab
No. of Students attended	81

A guest lecture has been conducted seminar on “Drug release kinetics software” on 19<sup>th</sup> February, 2020 Prof.R. Nagaraju Sri Padmavathi Mahila University, Tirupati, served as a speaker for this seminar. The seminar focused on using software to figure out how drugs are released from dosage forms. Simulation models:

- ✚ Dissolution software
- ✚ Drug release kinetics model

Around 81 students and faculty are attended for this seminar and actively participated





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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2019-20

Name of the Resource person	prof. A. Sree devi
Designation	professor
Institution/university/organization	SPMVV - IPT
Title of the Topic covered/lecture	QBD approaches in analytical method development
Date & Time	31/01/2020
Venue	SPSP - Computer lab
No of students attended	83
Signature	

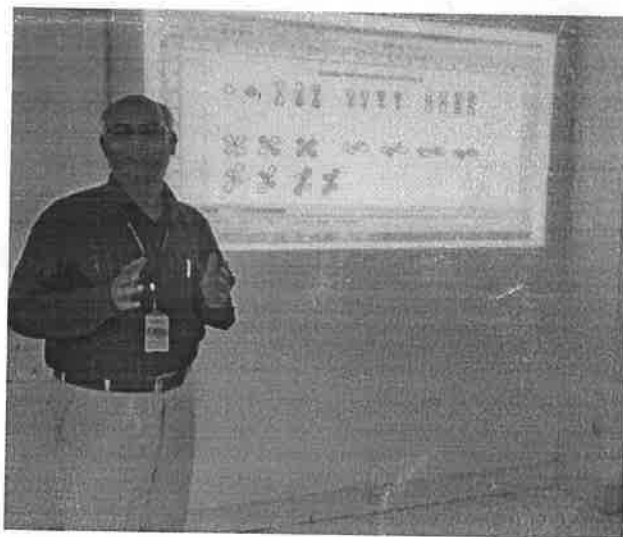
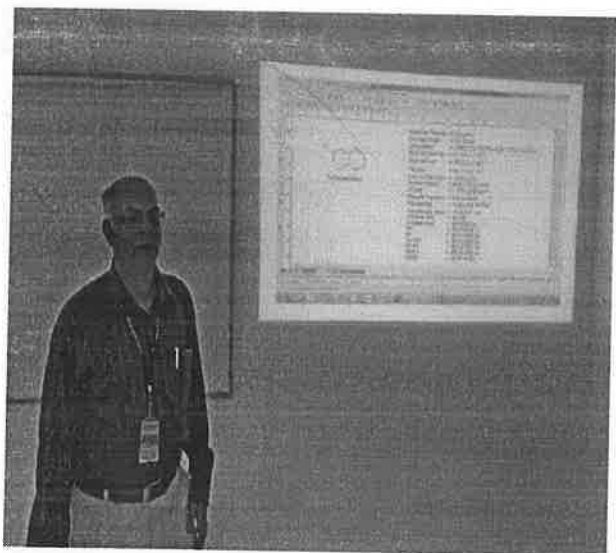
GAP Committee In-charge



## Seminar on "Structure drawing tools in Pharmaceutical Chemistry"

Name of the speaker	Dr.K.K.Rajasekhar Associate professor, Sri Padmavathi School of Pharmacy.
Date	29/04/2019
Venue	Seminar Hall.
No. of Students attended	75

A guest lecture has been conducted on Structure drawing tools in Pharmaceutical Chemistry to the B-Pharm students by Dr.K.K.Rajasekhar, Associate professor, Sri Padmavathi School of Pharmacy. He demonstrated the importance of structural drawing tools such as chem Sketch software which helps in drawing of typical structures in thesis writing.



**2018-19**



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Academic Year: 2018-2019

## Consolidated Report on action taken to fill the gaps in syllabus

S.No	Gap	Action Taken	Date- Month-Year	Resource Person With designation	No. of students present	Relevance to Pos
1.	Significance of ECG using student's Physiograph	Training program	17/08/2018	Dr.D.Ranganayakulu Principal, Sri Padmavathi School of Pharmacy	79	1,11
2.	Current trends and future directions of multifunctional ligands in medicinal inorganic chemistry	Seminar	18/09/2018	M.Krishnamuthy Naidu HOD of pharmacy S.V Polytechnique college	84	1,4,11
3.	"Guidelines for monitoring and reporting of ADR's - PVPT"	Guest lecture	28/09/2018	Dr. M. Neethi Chandra Associate professor Department of pulmonology, SVMC, Tirupati.	79	1,6,9,11
4.	Design of Experiments in formulation development	Hands on experience	24/10/2018	Prof.R. Nagaraju Sri Padmavathi Mahila university, Tirupati	77	1,3,4,11
5.	Experimental simulation models	Guest talk	27/10/2018	Dr.D.Sujatha Sri Padmavathi Mahila university, Tirupati	73	1,4,10,11



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6.	Differential leukocyte count study and Estimation of RBC & WBC.	Hands on experience	13/12/2018	Mr.S.Dhanunjaya Assistant Professor, Sri Padmavathi School of Pharmacy	83	1,11
7.	Modern tools in Pharmaceutical Analysis	Seminar	15/03/2019	Prof.A.Sreedevi Sri Padmavathi Mahila university, Tirupati	72	1,3,4,11
8.	Strategies for marketing and management of pharmaceutical products	Guest talk	24/04/2019	Dr.J. Surya Kumar, Senior Vice president, Orchid Pharmaceuticals, Chennai	70	1,2,3,4,5,6,8,11
9.	Characterization of NMR and MASS spectra of compounds by using software	Guest talk	27/10/2018	Prof.G.Rajitha Sri Padmavathi Mahila university, Tirupati.	76	1,4,11
10.	Structure drawing tools in Pharmaceutical Chemistry	Seminar	29/04/2019	Dr.K.K.Rajasekhar Associate professor, Sri Padmavathi School of Pharmacy	75	1,2,11
11.	Importance of stability aspects in dissolution studies	Seminar	18/07/2019	Prof.M.Vidyavathi, Sri Padmavathi Mahila university, Tirupati	75	1,3,4,8

PRINCIPAL

Sri Padmavathi School of Pharmacy

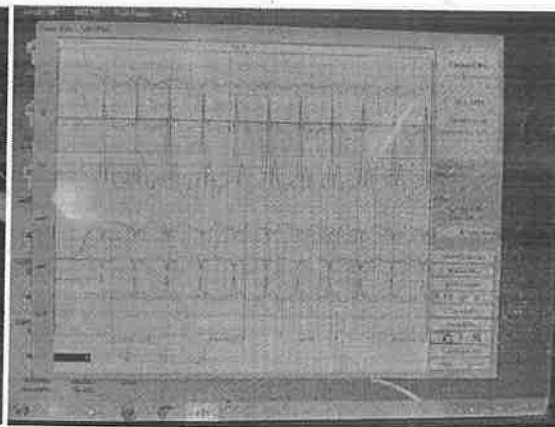
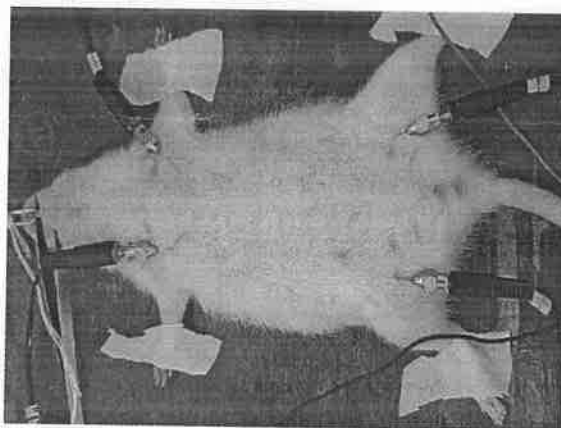
TIRUCHANOOR

TIRUPATI (A.P)

## Training on “Significance of ECG using student’s Physiograph”

Name of the speaker	Dr.D.Ranganayakulu, Professor and Principal Sri Padmavathi School of Pharmacy.
Date	17-08-2018
Venue	Pharmacology Lab.
No. of Students attended	79

A Training programme has been conducted on Significance of ECG using student's Physiograph to the B.Pharm students by Dr.D.Ranganayakulu, Professor and Principal along with Dr.B.Pushpa Kumari, Associate Professor, Sri Padmavathi School of Pharmacy. ECG is a remarkably useful method for evaluation of the state of the heart's structure, rate and rhythm. ECG is an exclusive tool to diagnose cardiac arrhythmias, heart attack and myocardial infarction. Thus, the significance of ECG and its interpretation was learnt by the students practically.







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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2018-2019

Name of the Resource person	M. Krishna murthy Naidu
Designation	HOD of pharmacy
Institution/university/organization	S.V. polytechnic College
Title of the Topic covered/lecture	Current Trends & future directions of multi functional ligands in Medicinal Inorganic Chemistry
Date & Time	18/09/2018
Venue	Seminar Hall
No of students attended	84
Signature	

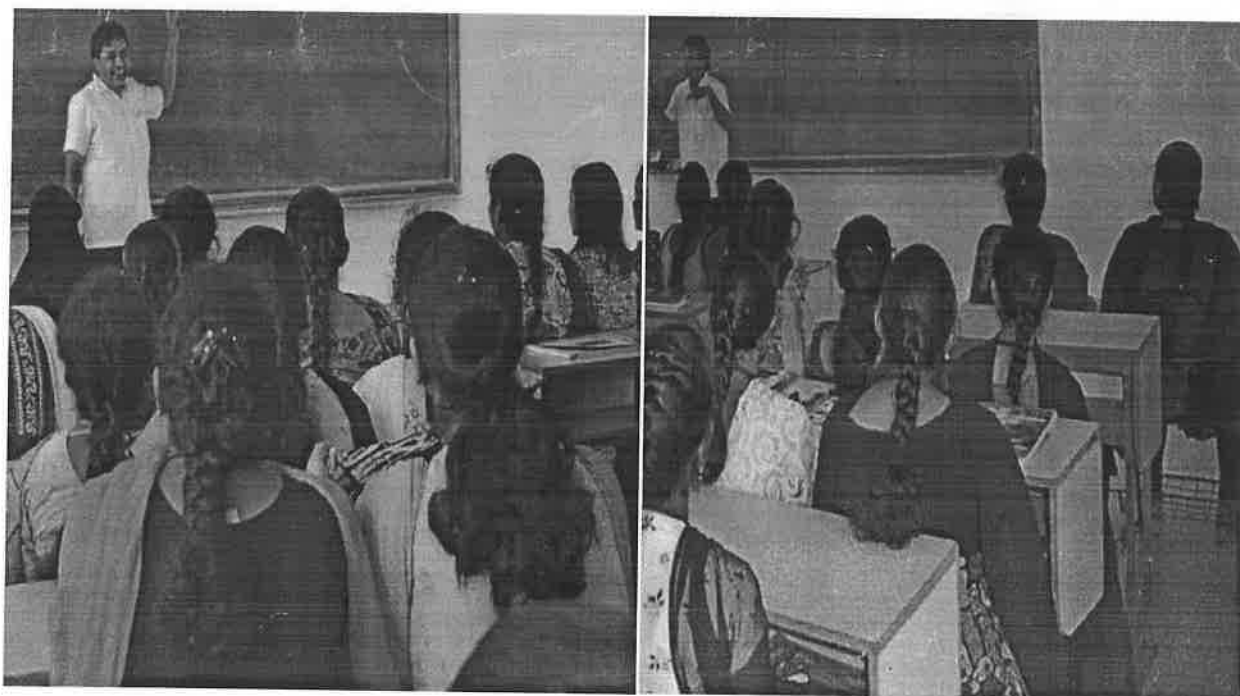
GAP Committee In-charge



## Seminar on "Current trends and future directions of multifunctional ligands in medicinal inorganic chemistry"

Name of the Speaker	Dr.M.Krishnamuthy Naidu HOD of pharmacy S.V Polytechnique college
Date	18-09-2019
Venue	Seminar Hall
No. of Students attended	84

A guest lecture has been conducted on "Current trends and future directions of multifunctional ligands in medicinal inorganic chemistry" Dr.M.Krishnamuthy Naidu, HOD of pharmacy, S.V Polytechnique college had given a beneficial presentation on Current trends and future directions of multifunctional ligands in medicinal inorganic chemistry.



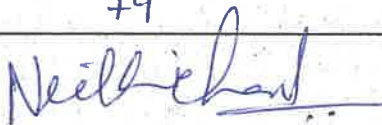


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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2018-19

Name of the Resource person	Dr. M. Neethi chandra
Designation	Associate professor
Institution/university/organization	SVMC. Department of pulmonology
Title of the Topic covered/lecture	Guidelines for monitoring and reporting of ADR's - PVPI.
Date & Time	28/09/2018
Venue	Seminar hall
No of students attended	79
Signature	

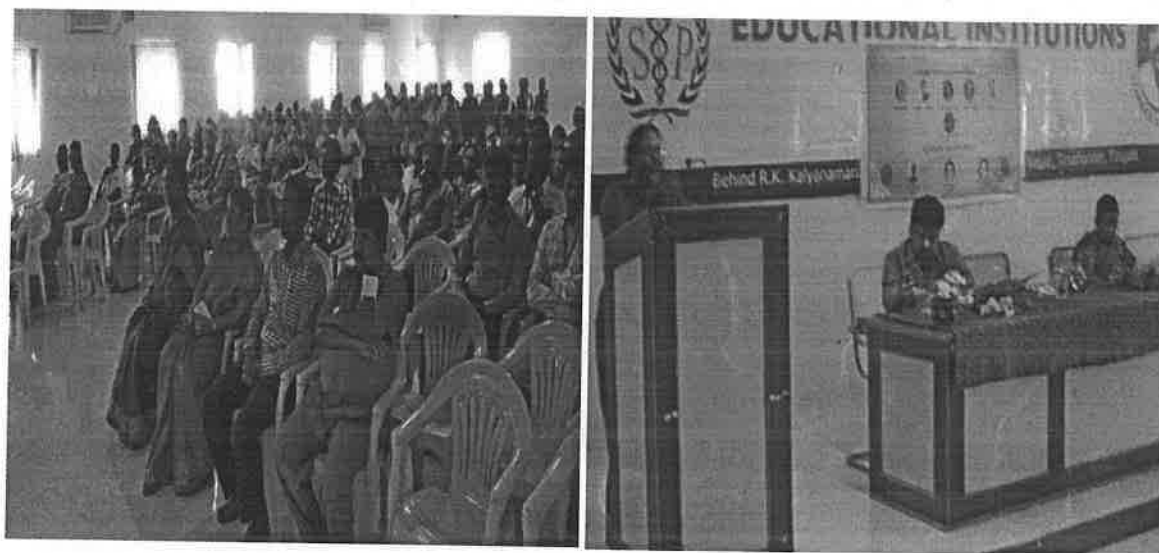


GAP Committee In-charge

## Seminar on "Guidelines for monitoring and reporting of ADR's - PVPI"

Name of the speaker	Dr. M. Neethi Chandra, Associate professor Department of pulmonology, SVMC, Tirupati
Date	28/09/2018
Venue	Seminar Hall.
No. of Students attended	79

A guest lecture has been conducted on Guidelines for monitoring and reporting of ADR's -PVPI to the B-Pharm and Pharm.D students by Dr. M. Neethi Chandra, Associate professor Department of pulmonology, SVMC, Tirupati. Discussed about importance of adverse drug reactions and events detecting in the patients. She also explained pharmacovigilance programme of India programme importance and role in monitoring adverse drug reactions across the India.






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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2018-19

Name of the Resource person	Prof - R - Nagaraju
Designation	Professor
Institution/university/organization	SPMVV - IPT
Title of the Topic covered/lecture	Design of experiments in formulation development
Date & Time	28/09/2018
Venue	Computer lab
No of students attended	77
Signature	

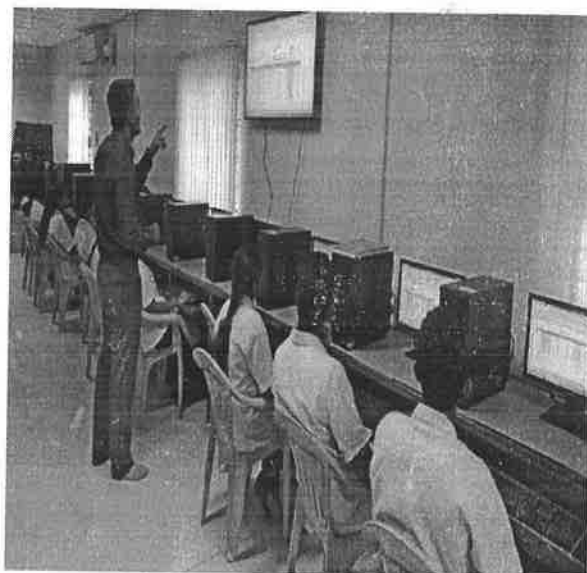
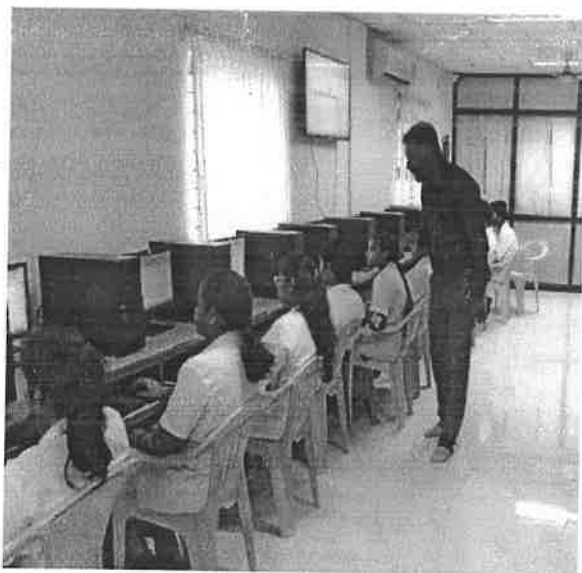
**DR. R. NAGARAJU**  
M.Pharm., Ph.D  
Professor of Pharmaceutics  
Institute of Pharmaceutical Technology  
S P MAHILA VISVAVIDYALAYAM  
(Women's University)  
TIRUPATI-517 502, A.P.

  
GAP Committee In-charge

## Hands on experience on "Design of Experiments in formulation development"

Name of the speaker	Prof.R. Nagaraju Sri Padmavathi Mahila university, Tirupati
Date	24/10/2018
Venue	Computer Lab.
No. of Students attendec	77

A guest lecture has been conducted on Design of Experiments in formulation development to the B-Pharm students by Prof.R. Nagaraju, Sri Padmavathi Mahila university, Tirupati associated with Dr.V.Shanmugham, Associate Professor, Sri Padmavathi School Of Pharmacy. Discussing various designs present in the software which are used in optimization of formulations. Highlighted about the interaction effects with respect to independent variables on dependent variables.






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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2018-19.

Name of the Resource person	Dr. D. Sujatha.
Designation	Assistant Professor.
Institution/university/organization	SPMUV - IPT
Title of the Topic covered/lecture	Experimental simulation models.
Date & Time	27/10/2018
Venue	Computer Lab
No of students attended	73
Signature	

Dr. D. SUJATHA

Assistant Professor

Institute of Pharmaceutical Technology  
Sri Padmavati Mahila Visvavidyalayam  
TIRUPATI-517 502, Andhra Pradesh.

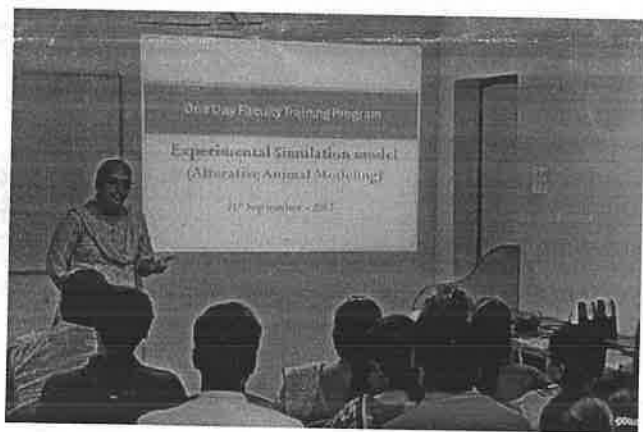
  
GAP Committee In-charge



## Seminar on "Experimental simulation models"

Name of the speaker	Dr.D.Sujatha Sri Padmavathi Mahila university, Tirupati.
Date	27/10/2018
Venue	Seminar Hall.
No. of Students attended	73

A guest lecture has been conducted on Experimental simulation models to the B-Pharm students by Dr.D.Sujatha, Sri Padmavathi Mahila university, Tirupati. Number of computer simulation models that have been recommended for use as alternatives to use of animals for pharmacology students and explained how Zebra fish, *Drosophila melanogaster*, a fruit fly, *Caenorhabditiselegans*, a nematode worm are used in mutagenicity, teratogenicity and reproductive toxicity studies. She also discussed on Insilco methods. However besides, the alternatives, refinement also place a major role in reducing the animal usage.





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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2018-19

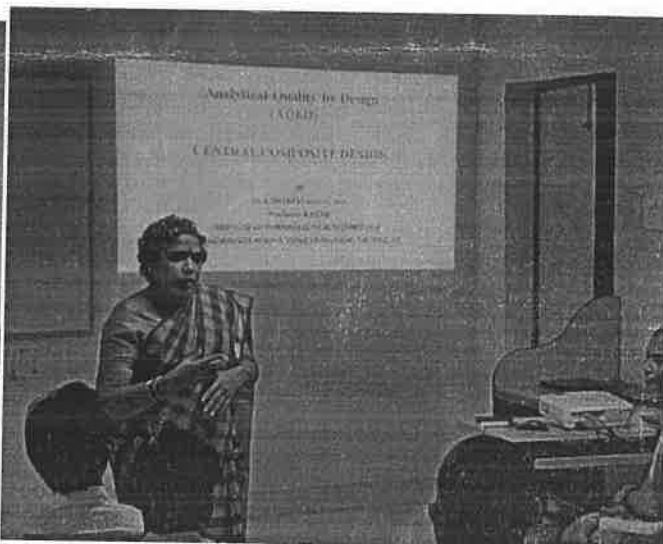
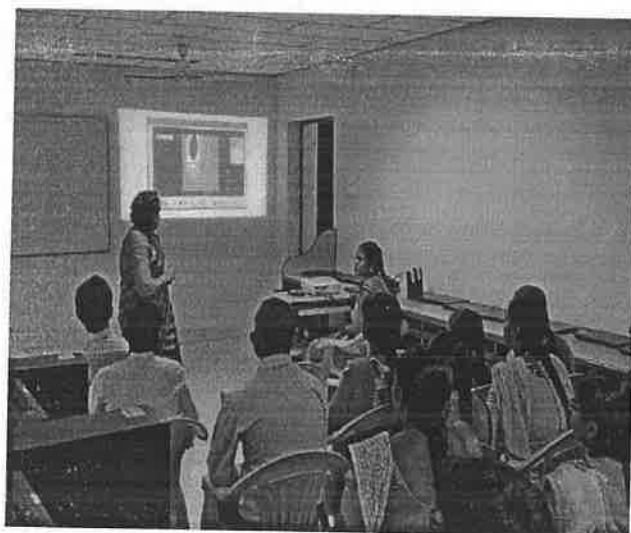
Name of the Resource person	Prof. A. Sree devi
Designation	Professor
Institution/university/organization	SPMVV - IPT
Title of the Topic covered/lecture	Modern Tools in pharmaceutical Analysis
Date & Time	15/03/2019
Venue	SPSP - Computer lab / Seminar Hall
No of students attended	72
Signature	

GAP Committee In-charge

## Seminar on "Modern tools in Pharmaceutical Analysis"

Name of the speaker	Prof.A.Sreedevi Sri Padmavathi Mahila university, Tirupati.
GAP Covered	Modern tools in Pharmaceutical Analysis
Date	15/03/2019
Venue	Seminar Hall.
No. of Students attended	72

A guest lecture has been conducted on Modern tools in Pharmaceutical Analysis to the B-Pharm students by Prof.A.Sreedevi, Sri Padmavathi Mahila university, Tirupati. She had highlighted the importance of NMR & MASS hifenated techniques in structural elucidation.






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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2018-19

Name of the Resource person	prof. G. Rajitha
Designation	professor
Institution/university/organization	Sri padmavathi Mahila University.
Title of the Topic covered/lecture	Characterization of NMR and MASS Spectra of Compounds by using Software.
Date & Time	27/10/2018
Venue	Seminar Hall
No of students attended	76
Signature	

  
GAP Committee In-charge

**Seminar on “Characterization of NMR and MASS spectra of compounds by using software”**

Name of the speaker	Prof.G.Rajitha Sri Padmavathi Mahila university, Tirupati.
GAP Covered	Characterization of NMR and MASS spectra of compounds by using software
Date	28/09/2018
Venue	Seminar Hall.
No. of Students attended	76

**Hands on experience on “Differential leucocyte count study and Estimation of RBC & WBC”**

Name of the speaker	Mr.S.Dhanunjaya Assistant Professor, Sri Padmavathi School of Pharmacy
Date	13/12/2018
Venue	Pharmacology Lab.
No. of Students attended	83

Practical demonstration and hands on experience has been conducted on Differential leucocyte count study and Estimation of RBC & WBC to the I year B. Pharm students by Mr.S.Dhanunjaya



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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2018-2019

Name of the Resource person	Dr. J. Surya Kumar
Designation	Senior vice president.
Institution/university/organization	Orchid pharmaceuticals Chennai
Title of the Topic covered/lecture	Strategies for marketing and management of pharmaceutical products
Date & Time	24/04/2019
Venue	Seminar Hall
No of students attended	70
Signature	

GAP Committee In-charge





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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2018-19

Name of the Resource person	prof. M. Vidyavathi
Designation	professor
Institution/university/organization	Sri padmavathi Mahila University.
Title of the Topic covered/lecture	Importance of stability aspects in dissolution studies.
Date & Time	28/07/2019 10/1
Venue	Seminar Hall
No of students attended	81
Signature	

GAP Committee In-charge

## Seminar on "Strategies for marketing and management of pharmaceutical products"

Name of the speaker	Dr. J. Surya Kumar Senior Vice president, Orchid Pharmaceuticals, Chennai.
Date	24/04/2019
Venue	Seminar Hall.
No. of Students attended	70

A guest lecture has been conducted on Strategies for marketing and management of pharmaceutical products to the B.Pharm students by Dr. J. Surya Kumar Senior Vice president, Orchid Pharmaceuticals, Chennai. He explained in detail regarding different strategies in marketing of various pharmaceutical products and its management

## Seminar on "Importance of stability aspects in dissolution studies"

Name of the speaker	Prof.M.Vidyavathi, Sri Padmavathi Mahila university, Tirupati.
GAP Covered	Importance of stability aspects in dissolution studies
Date	18/07/2019
Venue	Seminar Hall.
No. of Students attended	75

A guest lecture has been conducted on Importance of stability aspects in dissolution studies to the B. Pharm students Prof.M.Vidyavathi, Sri Padmavathi Mahila university, Tirupati.. She had highlighted the importance of dissolution stability from the standpoint of quality control, regulatory compliance, and impact on the bioavailability of the product.



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20-12-2018

### CIRCULAR

All the faculty are hereby informed that a **Gap Analysis Committee (GAC)** meeting was organized on 15-12-2018 at Seminar Hall. The committee agreed that there are gaps in the courses which are submitted by the faculty. The Committee members suggested the actions to be taken to fulfill these gaps. Hence all the faculty members are requested to take the appropriate measures to fill the gaps.

Gap analysis approved by GAC for the academic year 2018-19 II semester:

S. No	Year-Sem	Course Name	Gaps Identified	Action to be taken
1	I-II	English for Professional Communication	Personality development, Communication, leadership and teamwork Skills	Guest lecture
2	II-II	Physical Pharmacy –II	Franz diffusion Cell	Guest lecture
3	III-II	Pharmaceutical Analysis-II	Modern tools in Pharmaceutical Analysis	Guest lecture
		Biopharmaceutics & Pharmacokinetics	Dissolution Study of Buccal tablets Lab India Dissolution Test Apparatus	Hands on experience
		Pharmacology-II	Experimental simulation models	Guest lecture
4	IV-II	Biostats and design of experiments	Design of Experiments in formulation development	Guest lecture
		Intellectual Property Rights	Pharmaceutical regulatory affairs	Guest lecture

Principal

Dr.D. Ranganayakulu

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TIRUPATI (A.P)

Circulated to:

- All Faculty members.



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18-12-2018

**MINUTES OF THE MEETING**

A meeting with all the HODs and the members of "Gap Analysis Committee (GAC) was held on 15-12-2018 at Seminar Hall by 3.00 PM in the seminar hall. The following minutes were noted in the meeting.

1. The new members are introduced to the existing GAC members. The members of "Gap Analysis Committee" appreciated the proposals and agenda of the committee.
2. The members discussed about the gaps necessity in the II semesters syllabus of the courses.
3. The members discussed about the benefits attained by the students through the objectives framed by the committee. The respective HODs submitted the gaps identified by the respective faculty to the DAP and the other GAC members of the current semester.
4. The members discussed about the syllabus gaps given by the faculty and accepted that the topics are to be taught to the students for the better understanding of the courses.
5. The committee also discussed about the actions to be taken to fill the gaps. For some topics, the members suggested to take extra classes for the topics beyond syllabus and for some topics, to organize seminars, guest lectures and workshops.
6. The committee members discussed about the II-Semester course outcomes and their mapping with POs. They identified that some POs are weakly mapped in the curriculum. They also decided to meet in the next academic year and suggested for further advancements in gap identification.

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Gaps approved by GAC for the academic year 2018-19 II semester:

S. No	Year-Sem	Course Name	Gaps Identified	Action to be taken
1	I-II	English for Professional Communication	Personality development, Communication, leadership and teamwork Skills	Guest lecture
2	II-II	Physical Pharmacy -II	Franz diffusion Cell	Guest lecture
3	III-II	Pharmaceutical Analysis-II	Modern tools in Pharmaceutical Analysis	Guest lecture
		Biopharmaceutics & Pharmacokinetics	Dissolution Study of Buccal tablets Lab India Dissolution Test Apparatus	Hands on experience
		Pharmacology-II	Experimental simulation models	Guest lecture
4	IV-II	Biostats and design of experiments	Design of Experiments in formulation development	Guest lecture
		Intellectual Property Rights	Pharmaceutical regulatory affairs	Guest lecture

  
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**R15 II-Semester course outcomes mapping with POs**

COURSE CODE	COURSE	PROGRAM OUTCOMES											OVERALL PO AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	
B. PHARM I YEAR II SEM													
15R00201	PHARMACEUTICAL ORGANIC CHEMISTRY - II	3	-	2	2	-	-	-	-	2	-	2	2.20
15R00202	GENERAL & DISPENSING PHARMACY	3	-	2	1.75	-	-	1	-	-	2.5	2	2.04
15R00203	PHARMACEUTICAL BIOCHEMISTRY	3		-	1.75					-		1	1.92
15R00204	PHARMACOGNOSY – I	3	-		1		-	-		2	2	1.75	1.95
15A52201	ENGLISH FOR PROFESSIONAL COMMUNICATION	2	-	-		-	2		3			2	2.25
15R00205	PHARMACEUTICAL ORGANIC CHEMISTRY - II PRACTICAL	3	1	2		3		1		1		3	2.00
15R00206	GENERAL & DISPENSING PHARMACY PRACTICAL	3	2	2	2	2	2	2	3	2	-	-	2.22
15R00207	PHARMACEUTICAL BIOCHEMISTRY PRACTICAL	3	2	3	2	2	2.33	-	3	-	-	2	2.42
15R00208	PHARMACOGNOSY – I PRACTICAL	2.67	3	2	2	2	-	-	3	-	3	-	2.52
B. PHARM II YEAR II SEM													
15R00401	PHARMACEUTICAL ANALYSIS – I	3	-	2	1	-	-	-	-	-	2	2	2.00
15R00402	PHARMACOGNOSY – II	3	-		1	-	-			1.5	2	-	1.88
15R00403	PHARMACEUTICAL TECHNOLOGY – I	2.8	-	2.2	2	-	-	1	-	-	-	2.2	2.04
15R00404	PHYSICAL PHARMACY –II	2.8	-	2	2	-	-	-	-	-	-	2	2.20
15R00405	PATHOPHYSIOLOGY	2.8	-	-	2	-	2	2	-	2	-	-	2.16





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14-12-2018.

### CIRCULAR

All the faculty who are the members of "Gap Analysis Committee (GAC)" are hereby informed that a GAC meeting will be organized on 15-12-2018 at Seminar Hall by 3.00 PM. The agenda of the meeting is to discuss about the following.

#### Agenda:

1. Gaps identified by the faculty in the present semester R15 syllabus.
2. To suggest the events for filling the gaps.
3. II semester Courses and PO Mapping

The following faculty are advised to attend the meeting

S.No	Name of The Faculty	Designation	Role	Signature
1.	Dr.C. Sridhar	Director of Academic & Planning, SPSP.	Chairman	
2.	Dr.Y.Prasanna Raju	Professor, Head of IQAC	Coordinator	
3.	Dr. K.V.S.R.G.Prasad	Professor, IPT-SPMVV.	Academic expert	
4.	Dr. K.Bharathi	Professor, IPT-SPMVV	Academic expert	
5.	Dr. R.Nagaraju	Professor, Sri Padmavathi mahila viswa vidyalam,	Academic expert	
6.	Dr.J.Surya kumar	Senior vice president, Orchid pharmaceuticals, Chennai	Industry expert	
7.	Dr. D.Sujatha	Asst. professor, IPT-SPMVV	Alumni	
8.	Dr.J.Sundarseelan	Professor, SPSP.	HOD	
9.	Dr.B.Pushpa Kumari	Associate. Professor, SPSP.	HOD	
10.	Dr. S.S.Somanathan	Associate. Professor, SPSP	Senior faculty	
11.	Dr. V.Shanmugam	Associate. Professor, SPSP	Senior faculty	
12.	Mr.T.S.Durgaprasad	Asst.Professor, SPSP	HOD	

**Dr. C. Sridhar,**  
Director of Academic & Planning.



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14-12-2018,  
Tiruchanoor.

From

Dr.C. Sridhar,  
Director of Academic & Planning,  
Sri Padmavathi school of Pharmacy,  
Tiruchanoor.

To

The Principal,  
Sri Padmavathi school of Pharmacy,  
Tiruchanoor  
Respected Sir,

Sub: Request for permission to organize Gap Analysis Committee (GAC) meeting-Reg.

I would like to bring to your kind notice that, in our institution, we are planning to conduct a meeting for GAP Analysis for 2018-19 II SEMESTER on 15-12-2017 at Seminar Hall by 3.00 PM. Hence, I kindly request you to permit us to conduct the meeting regarding Gap Analysis with all the HODS and senior faculty members.

Thanking you sir

Yours faithfully

Dr. C. Sridhar,  
Director of Academic & Planning.



## SRI PADMAVATHI SCHOOL OF PHARMACY

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Date: 11-12-2018

### CIRCULAR

All the faculty are here by informed that Prof. R. Nagaraju, IPT-SPMVV gave their acceptance to be as member of GAC. "Gap Analysis Committee (GAC)" is reconstituted with the following members. This committee will review the R15 curriculum of current semester, identify the necessary gaps and will take the measures to fulfil the gaps. Hence, all the faculty are requested to go through the syllabus of the allotted subjects and submit the gaps identified to their respective HODs. All the HODs are instructed to coordinate with Dr. C. Sridhar, DAP for further information and requested to take necessary action.

#### Committee Members:

S. NO	Name of the member	Designation	Role
1	Dr.C. Sridhar	Director of Academic & Planning, Head of chemistry dept.	Chairman
2	Dr.Y.Prasanna Raju	Professor, Head of IQAC	Coordinator
3	Dr. K.V.S.R.G.Prasad	Professor, Sri Padmavathi mahila viswa vidyalam,	Academic expert
4	Dr. K.Bharathi	Professor, Sri Padmavathi mahila viswa vidyalam,	Academic expert
5	Dr.J.Surya kumar	Senior vice president, Orchid pharmaceuticals, Chennai	Industry expert
6	Dr. R.Nagaraju	Professor, Sri Padmavathi mahila viswa vidyalam,	Academic expert
7	Dr. D.Sujatha	Assistant professor, Sri Padmavathi mahila viswa vidyalam,	Alumni
9	Dr. K.K. Rajasekhar	Professor, SPSP	HOD
10	Dr.J.Sundarseelan	Professor, SPSP	HOD
11	Dr.B.Pushpa Kumari	Associate Professor, SPSP	HOD

Principal

Dr.D. Ranganayakulu

PRINCIPAL

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#### Copy to:

1. To circulate among all faculty
2. GAC File



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17-06-2018

## CIRCULAR

All the faculty are hereby informed that a **Gap Analysis Committee (GAC)** meeting was organized on 14-06-2018 in Seminar Hall. The committee agreed that there are gaps in the courses which are submitted by the faculty. The Committee members suggested the actions to be taken to fulfill these gaps. Hence all the faculty members are requested to take the appropriate measures to fill the gaps.

### Gaps approved by GAC for the academic year 2018-19 I semester:

S. No	Year-Sem	Course Name	Gaps Identified	Action to be taken
1	I-I	Human anatomy and physiology - I	Differential leucocyte count study and Estimation of RBC & WBC.	Hands on experience
		Pharmaceutical organic chemistry-I	Structure drawing tools in Pharmaceutical Chemistry	Seminar & Hands on experience
		Inorganic chemistry-I	Current trends and future directions of multifunctional ligands in medicinal inorganic chemistry	Guest lecture
2	II-I	Physical pharmacy – I	Problems on Drug release kinetics	Hands on Training
		Pharmaceutical microbiology	Sterilization of milk by pasteurization	Industrial visit
3	III-I	MOOCS-I	Characterization of NMR and MASS spectra of compounds by using software	Guest talk
		Pharmacology I	Significance of ECG using student's Physiograph	Hands on Training
		Pharmaceutical technology II	DOE in formulation and optimization	Guest lecture
4	IV-I	Biopharmaceutics and Pharmacokinetics	Importance of stability aspects in dissolution studies	Guest lecture
		Pharmacology-III	Advanced screening methods	Guest lecture
		Pharmaceutical industry Management and quality Assurance	Strategies for marketing and management of pharmaceutical products	Guest lecture

Principal

Dr.D. Ranganayakulu  
Sri Padmavathi School of Pharmacy  
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Circulated to:

- All Faculty members.



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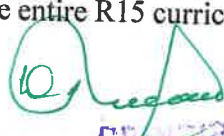
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15-06-2018

## MINUTES OF THE MEETING

A meeting with all the HODs and the members of "Gap Analysis Committee (GAC)" was held on 14-06-2018 at 10.00 AM in the seminar hall. The following minutes were noted in the meeting.

1. The members of "Gap Analysis Committee" appreciated the proposals and agenda of the committee.
2. The members discussed about the benefits attained by the students through the objectives framed by the committee. The respective HODs submitted the gaps identified by the respective faculty to the DAP and the other GAC members.
3. The members discussed about the syllabus gaps given by the faculty and accepted that the topics are to be taught to the students for the better understanding of the courses.
4. The committee also discussed about the actions to be taken to fill the gaps. For some topics, the members suggested to take extra classes for the topics beyond syllabus and for some topics, to organize seminars, guest lectures and workshops.
5. The committee members discussed about the I-Semester course outcomes and their mapping with POs. They identified that some POs are weakly mapped in the curriculum. They also decided to meet in the II semester and complete the entire R15 curriculum mapping with POs.

  
FACULTY  
Sri Padmavathi School of Pharmacy  
TIRUCHANOOR  
TIRUPATI (A.P.)



# SRI PADMAVATHI SCHOOL OF PHARMACY



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Gap analysis approved by GAC for the academic year 2018-19 I semester:

S. No	Year-Sem	Course Name	Gaps Identified	Action to be taken
1	I-I	Human anatomy and physiology - I	Differential leucocyte count study and Estimation of RBC & WBC.	Hands on experience
		Pharmaceutical organic chemistry-I	Structure drawing tools in Pharmaceutical Chemistry	Seminar & Hands on experience
		Inorganic chemistry-I	Current trends and future directions of multifunctional ligands in medicinal inorganic chemistry	Guest lecture
2	II-I	Physical pharmacy – I	Problems on Drug release kinetics	Hands on Training
		Pharmaceutical microbiology	Sterilization of milk by pasteurization	Industrial visit
3	III-I	MOOCS-I	Characterization of NMR and MASS spectra of compounds by using software	Guest talk
		Pharmacology I	Significance of ECG using student's Physiograph	Hands on Training
		Pharmaceutical technology II	DOE in formulation and optimization	Guest lecture
4	IV-I	Biopharmaceutics and Pharmacokinetics	Importance of stability aspects in dissolution studies	Guest lecture
		Pharmacology-III	Advanced screening methods	Guest lecture
		Pharmaceutical industry Management and quality Assurance	Strategies for marketing and management of pharmaceutical products	Guest lecture

Sri Padmavathi School of Pharmacy  
 TIRUCHANOOR  
 TIRUPATI (A.P)



# SRI PADMAVATHI SCHOOL OF PHARMACY

Mohan Gardens, Vaishnavi Nagar, Tiruchanoor (PO), Chittoor (Dist.), AP - 517503  
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## I-Semester course outcomes and their mapping with Pos

COURSE CODE	COURSE	PROGRAM OUTCOMES										OVERALL PO AVERAGE	
		1	2	3	4	5	6	7	8	9	10		11
B. PHARM I YEAR I SEM													
15R00101	REMEDIAL MATHEMATICS	2	-	2	1.5	-	-	-	-	-	1.25	1	1.55
15R00102	REMEDIAL BIOLOGY	1.75	-	1.5	1.5	-	-	-	-	-	1.5	1	1.45
15R00103	REMEDIAL BIOLOGY PRACTICAL	2	-	1	-	-	-	-	-	-	2	-	1.67
15R52101	FUNCTIONAL ENGLISH	3	-	-	1.5	-	1	-	3	-	-	2	2.10
15R00104	PHARMACEUTICAL ORGANIC CHEMISTRY - I	3	1.5	1.5	-	-	-	-	-	-	-	2	2.00
15R00105	HUMAN ANATOMY AND PHYSIOLOGY - I	3	-	-	-	-	-	1.25	-	2	-	1	1.81
15R00106	PHARMACEUTICAL INORGANIC CHEMISTRY	3	-	1.5	1	-	-	-	-	-	-	1.5	1.75
13R00107	PHARMACEUTICAL ORGANIC CHEMISTRY - I PRACTICAL	2.67	2	2.33	2.33	-	-	-	3	-	1.5	2	2.26
13R00108	HUMAN ANATOMY AND PHYSIOLOGY - I PRACTICAL	2.67	2.67	-	2	-	-	1.67	3	2	1	3	2.25
13R00109	PHARMACEUTICAL INORGANIC CHEMISTRY PRACTICAL	3	2.5	2.5	-	-	-	1	3	2	2	1.5	2.19
B. PHARM II YEAR I SEM													
15R00301	PHARMACEUTICAL ENGINEERING	3	-	2.25	2.5	-	-	1.5	-	-	-	2	2.25
15R00302	PHYSICAL PHARMACY –I	3	-	2	2	-	-	-	-	-	-	2	2.25



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15R00303	PHARMACEUTICAL ORGANIC CHEMISTRY – III	3	-	2	2	-	-	-	-	-	-	2	2.25
15R00304	PHARMACEUTICAL MICROBIOLOGY	3	-	-	1.4	-	-	2.2	-	-	-	2	2.15
15A01101	ENVIRONMENTAL STUDIES	3	-	-	1	-	2	-	-	3	-	2	2.20
15R00305	PHARMACEUTICAL ENGINEERING PRACTICAL	2.75	2	2	3	2.25	2.25	2.75	-	-	-	2	2.38
15R00306	PHYSICAL PHARMACY – I PRACTICAL	3	2.4	2	2.8	2.6	2.6	2.6	-	-	-	2	2.50
15R00307	PHARMACEUTICAL ORGANIC CHEMISTRY – III PRACTICAL	3	1	2	2	3	-	1	-	-	-	2	2.00
15R00308	PHARMACEUTICAL MICROBIOLOGY PRACTICAL	3	2.33	2.67	2.33	2.83	2.67	2.83	-	-	-	-	2.67
<b>B. PHARM III YEAR I SEM</b>													
15R00501	MEDICINAL CHEMISTRY-I	3	-	-	2	-	-	1	-	-	-	2	2.00
15R00502	PHARMACOLOGY-I	3	-	-	2	-	2	-	-	-	-	1	2.00
15R00503	PHARMACEUTICAL TECHNOLOGY – II	2.75	-	2	2	-	-	2	-	-	-	2	2.15
15R00504	PHARMACEUTICAL BIOTECHNOLOGY	3	-	-	2	-	-	1	-	2.25	-	1	1.85
15R00505	MOOCS-I (APPLICATION OF SPECTROSCOPY)	2.5	-	1	2	-	-	-	-	-	-	2	1.88
15R00506	MEDICINAL CHEMISTRY-I PRACTICAL	3	2	2	2	2	-	-	3	3	-	1	2.25
15R00507	PHARMACOLOGY-I PRACTICAL	3	2	2	2	2	-	-	3	2	-	1	2.13
15R00508	PHARMACEUTICAL TECHNOLOGY – II PRACTICAL	3	2	2	2	3	3	-	3	-	-	3	2.63
15R00509	PHARMACEUTICAL BIOTECHNOLOGY PRACTICAL	2	2.25	2	2.5	2	2	-	3	-	-	-	2.25

# SRI PADMAVATHI SCHOOL OF PHARMACY



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03-05-2018,  
Tiruchanoor.

From

Dr.C. Sridhar,  
Director of Academic & Planning,  
Sri Padmavathi school of Pharmacy,  
Tiruchanoor.

To

The Principal,  
Sri Padmavathi school of Pharmacy,  
Tiruchanoor  
Respected Sir,

Sub: Request for permission to organize Gap Analysis Committee (GAC) -Reg.

I would like to bring to your kind notice that, in our institution, we are planning to organize a Gap Analysis Committee to fulfil the gaps in the curriculum. Hence, I kindly request you to participate in organizing the Gap Analysis Committee.

Thanking you sir

Yours faithfully

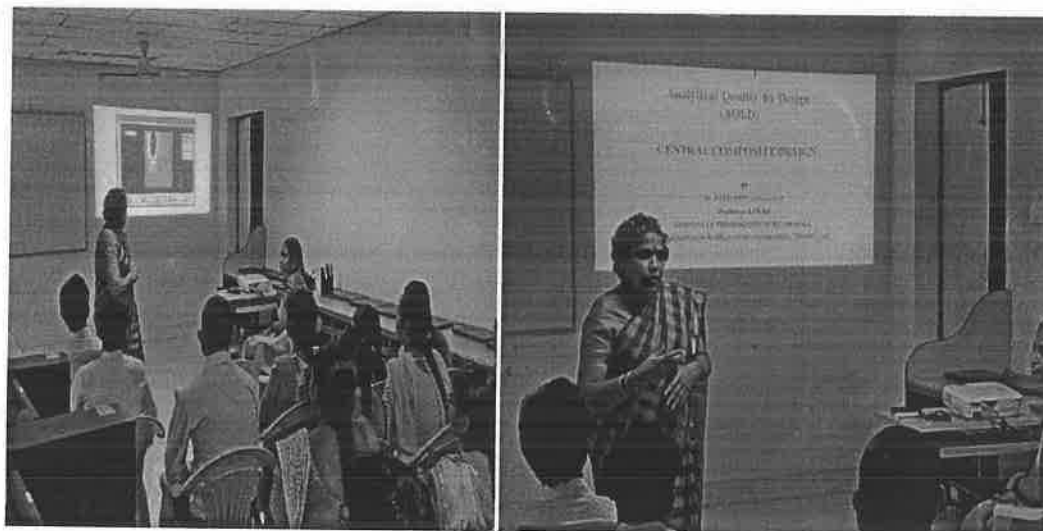
Dr. C. Sridhar,  
Director of Academic & Planning.

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## Seminar on “QBD approaches in Analytical method development”

Name of the speaker	Dr.A.Sreedevi Sri Padmavathi Mahila university, Tirupati
Date	31/10/2020
Venue	Pharmaceutical analysis , Lab
No. of Students attended	81

A guest lecture has been conducted seminar on “QBD approaches in Analytical method development” on 31<sup>st</sup> October, 2020. Dr.A.Sreedevi Sri Padmavathi Mahila university, Tirupati, served as a speaker for this seminar. The seminar focused different approaches in developmental methods for QBD. Around 81 students and faculty are attended for this seminar and actively participated.





## SRI PADMAVATHI SCHOOL OF PHARMACY

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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2019-20

Name of the Resource person	Dr. A. Ravendra prasad
Designation	production manager
Institution/university/organization	Sri Srinivasa Ayurveda pharmacy
Title of the Topic covered/lecture	study of Herbal Cosmetic Formulations
Date & Time	07/08/2019
Venue	Seminar hall
No of students attended	73
Signature	

GAP Committee In-charge





# SRI PADMAVATHI SCHOOL OF PHARMACY

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## CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2019-20

Name of the Resource person	Prof. M. Vidyavathi
Designation	Professor
Institution/university/organization	SPMVV - IPT
Title of the Topic covered/lecture	Franz diffusion cell - Advancements in Nano technology.
Date & Time	19/09/2019
Venue	Seminar Hall
No of students attended	75
Signature	M. Vidyavathi

M. VIDYAVATHI, Ph.D.  
Professor in Pharmaceutics  
Institute of Pharmaceutical Technology  
(Sri Padmavathi Mahila Viswavidyalaya,  
Tiruchanoor University)  
AP - 517503

H. Reddy  
GAP Committee In-charge

## Seminar on “Study of Herbal Cosmetic Formulations”

Name of the speaker	Dr.A.RajendraPrasad Production manager (retired) Sri srinivasa Ayurveda pharmacy, Tirupati
GAP Covered	Study Of Herbal Cosmetic Formulations
Date	07/08/2019
Venue	Seminar Hall, SPSP
No. of Students attended	73

A guest lecture has been conducted “Study of Herbal Cosmetic Formulations” on 07<sup>th</sup> August 2019. Dr.Rajendra Prasad Production manager (retired), Sri Srinivasa Ayurveda Pharmacy, served as a speaker for this seminar. The seminar was focused on the study of various herbal formulation and cosmetic formulations. Around 73 students and faculty are attended for this seminar and actively participated.

## Seminar on “Advancements in Nanotechnology”

Name of the speaker	Prof.M.Vidyavathi, Sri Padmavathi Mahila university, Tirupati
Date	19/09/2019
Venue	Seminar Hall, SPSP
No. of Students attended	75

A guest lecture has been conducted on “Advancements in Nanotechnology” on 19<sup>th</sup> September 2019. Prof.M.Vidyavathi, Sri Padmavathi Mahila university, Tirupati, served as a speaker for this seminar. The seminar was focused on the various advancements and techniques in nanotechnology. Around 75 students and faculty are attended for this seminar and actively participated.



## SRI PADMAVATHI SCHOOL OF PHARMACY

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### CONTENT BEYOND SYLLABUS SESSION FORM

Academic Year: 2019-20.

Name of the Resource person	Dr. D. Sujatha.
Designation	Assistant professor.
Institution/university/organization	SPMVV - IPT.
Title of the Topic covered/lecture	Chronic pharmacology.
Date & Time	24/09/2019
Venue	Seminar hall
No of students attended	80.
Signature	

**Dr. D. SUJATHA**

Assistant Professor

Institute of Pharmaceutical Technology

Sri Padmavati Mahila Visvavidyalayam

TIRUPATI-517 502, Andhra Pradesh

GAP Committee In-charge

## Seminar on “Chrono pharmacology”

<b>Name of the speaker</b>	<b>Dr.D.Sujatha</b> <b>Sri Padmavathi Mahila university, Tirupati</b>
<b>Date</b>	<b>24/09/2019</b>
<b>Venue</b>	<b>Pharmacology Lab, SPSP</b>
<b>No. of Students attended</b>	<b>80</b>

A guest lecture has been conducted on “chronopharmacology” on 24<sup>th</sup> September 2019. Dr.D.Sujatha Sri Padmavathi Mahila university, Tirupati, served as a speaker for this seminar. The seminar was focused on the Chrono pharmacology and regulation of body functions like hormones according to the circadian rhythm. Around 80 students and faculty are attended for this seminar and actively participated.



## SRI PADMAVATHI SCHOOL OF PHARMACY

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27-06-2019

### CIRCULAR

All the faculty are hereby informed that a **Gap Analysis Committee (GAC)** meeting was organized on 25-06-2019 at Computer lab by 10.30 AM. The committee agreed that there are gaps in the courses which are submitted by the faculty. The Committee members suggested the actions to be taken to fulfill these gaps. Hence all the faculty members are requested to take the appropriate measures to fill the gaps.

#### Gap analysis approved by GAC for the academic year 2019-20:

S. No	Year-Sem	Course Name	Gaps Identified	Action to be taken
1.	I-I (R 19)	Communication skills	Art of writing a scientific paper	Guest Lecture
2.	I-II (R 19)	Computer applications in Pharmacy	Innovative Data Analytic Tools for Pharma Research	Guest Lecture
3.	III-I (R 19)	Pharmacology II	Advanced screening techniques	Guest Lecture
		Industrial pharmacy	Documentation in Product development	Guest Lecture
4.	III-II (R 19)	Instrumental methods of analysis	Modern tools in analytical method development	Guest Lecture
5.	II-II (R15)	Physical Pharmacy II	Franz diffusion Cell	Guest Lecture
6.	III-I (R 15)	Pharmacology I	Drug information software	Hands on experience
7.	III- II (R15)	Pharmaceutical analysis II	QBD approaches in Analytical method development	Hands on experience
		Biopharmaceutics and Pharmacokinetics	Advancements in Nanotechnology	Guest Lecture
			Drug Release kinetics software	Hands on experience
		Pharmaceutical Technology II	Study of Herbal Cosmetic Formulations	Guest Lecture
8.	IV-I (R15)	Novel drug delivery systems	Dissolution Study of Buccal tablets Using Lab India Dissolution Test Apparatus	Hands on experience
			DOE in formulation and optimization	Hands on experience
		Clinical and Hospital Pharmacy	Essential skills for a clinical pharmacist	Guest Lecture
		Pharmacology III	Chrono pharmacology	Guest Lecture

Principal

Circulated to:

- All Faculty members.

**PRINCIPAL**  
Sri Padmavathi School of Pharmacy,  
TIRUCHANOOR  
TIRUPATI (A.P.)



## SRI PADMAVATHI SCHOOL OF PHARMACY

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25-06-2019

### MINUTES OF THE MEETING

A meeting with all the HODs and the members of "Gap Analysis Committee (GAC)" was held on 25-06-2019 at Computer lab by 10.30 AM. The following minutes were noted in the meeting.

1. The members discussed about the contents of R19 Curriculum and their course outcomes.
2. The members discussed about the mapping of course outcomes with program outcomes.
3. The members discussed about the gaps necessity in the syllabus of the R19 regulation.
4. The members discussed about the benefits attained by the students through the objectives framed by the committee.
5. The members discussed about the different events that encourage research and communications skills in the students for 2019-20 academic year.
6. The respective HODs submitted the gaps identified by the respective faculty to the DAP and the other GAC members of the syllabus of the R19 regulation.

**PRINCIPAL**

**Sri Padmavathi School of Pharmacy  
TIRUCHANOOR  
TIRUPATI (A.P)**





**SRI PADMAVATHI SCHOOL OF PHARMACY**  
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23-06-2019,




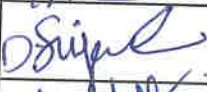

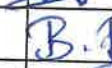




**CIRCULAR**


All the faculty who are the members of "Gap Analysis Committee (GAC)" are hereby informed that a GAC meeting will be organized on 25-06-2019 at Computer lab by 10.30 AM. The agenda of the meeting is to discuss about the following.

**Agenda:**

1. To propose the gaps for R19 I year syllabus and to suggest the events for filling the gaps.
2. To propose the different events that encourage research and communications skills in the students for 2019-20 academic year.

The following faculty are advised to attend the meeting

S. NO	Name of the member	Designation	Signature
1.	Dr.C. Sridhar	Director of Academic & Planning, Head of Pharm.chemistry dept.	
2.	Dr. K.K. Rajasekhar	Head of Pharm. Analysis	
3.	Dr.Y. Prasanna Raju	Professor, Head of IQAC	
4.	Dr. D. Sujatha	Assistant professor, Sri Padmavathi mahila Vishwavidyalayam,	
5.	Dr M. Venkateswarlu	Associate Professor	
6.	Dr.J.Sundarseelan	Professor	
7.	Dr.B.Pushpa Kumari	Professor	
8.	Dr. Shanmugam	Associate Professor	
9.	Dr. P.N.Balaji	Associate Professor	
10.	Mr. T.S.Durga prasad	Associate Professor	

  
**Dr. C. Sridhar,**  
Director of Academic & Planning.



**SRI PADMAVATHI SCHOOL OF PHARMACY**  
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20-06-2019,  
Tiruchanoor.

From

Dr.C. Sridhar,  
Director of Academic & Planning,  
Sri Padmavathi school of Pharmacy,  
Tiruchanoor.

To

The principal,  
Sri Padmavathi school of Pharmacy,  
Tiruchanoor  
Respected Sir,

Sub: Request for permission to organize GAC meeting for 2019-20 -Reg.

I would like to bring to your kind notice that, in our institution, we are planning to conduct a meeting for GAP Analysis on 25-06-2019 at Computer lab by 10.30 AM. Hence, I kindly request you to permit us to conduct the meeting regarding Gap Analysis with all the HODS and senior faculty members.

Thanking you sir

Yours faithfully

Dr. C. Sridhar,  
Director of Academic & Planning.  
**Sri Padmavathi School of Pharmacy**  
**TIRUCHANOOR**  
**TIRUPATI (A.P)**



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Date: 21-06-2019

### Acceptance from Alumni

The Alumni of our college G.V. Narasimha Kumar working as Research officer, Dr. Anjali Chatterjee regional research institute of homeopathy, Kolkata gave their acceptance to be as a member of GAP analysis Committee on 19-06-2019 over phone.

Yours faithfully

(Dr. D. Ranganayadulu)

**Sri Padmavathi School of Pharmacy**  
**TIRUCHANOOR**  
**TIRUPATI (A.P)**



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## B. PHARM IV YEAR I SEM

15R00701	NOVEL DRUG DELIVERY SYSTEMS	3	1.5	1.75	2	-	-	1.75	-	-	-	2	2.00
15R00702	PHARMACOLOGY -III	3	-	-	2	-	2	-	-	2	-	2	2.20
15R00703	CLINICAL AND HOSPITAL PHARMACY	3	2	-	-	2	3	2	2.25	-	-	2	2.28
15R00704	MEDICINAL CHEMISTRY-II	3	-	-	2	-	-	1	-	-	-	2	2.00
15R00705	CHEMISTRY OF NATURAL DRUGS	3	-	-	2	-	-	-	-	-	-	1	2.00
15R00706	COMPUTER AIDED DRUG DESIGN	3	2	2	2	-	-	-	-	-	-	2	2.20
15R00707	PHARMACOVIGILANCE	2.5	-	2	-	2	2	2	1.75	-	-	2	2.16
15R00708	NOVEL DRUG DELIVERY SYSTEMS PRACTICALS	2.6	2.8	2	1.8	-	-	-	-	-	-	2	2.30
15R00709	CLINICAL AND HOSPITAL PHARMACY PRACTICALS	3	2	2	-	2	2	-	2	2	2	2	2.22
15R00710	MEDICINAL CHEMISTRY-II PRACTICALS	3	2	2	2	2	-	-	3	-	-	1	2.25

# SRI PADMAVATHI SCHOOL OF PHARMACY



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## CIRCULAR

All the faculty who are the members of "Gap Analysis Committee (GAC)" are hereby informed that a GAC meeting will be organized on 14-6-2018 at Seminar Hall by 10:00 AM. The agenda of the meeting is to discuss about the following.

### Agenda:

1. Gaps identified by the faculty in the present semester for R15 syllabus.
2. To suggest the events for filling the gaps.
3. Courses and PO Mapping

The following faculty are advised to attend the meeting

S.No	Name of The Faculty	Designation	Role	Signature
1	Dr.C.Sridhar	Director of Academic & Planning, SPSP.	Chairman	
2	Dr.Y.Prasanna Raju	Professor, Head of IQAC	Coordinator	
3	Dr. K.V.S.R.G.Prasad	Professor, IPT-SPMVV.	Academic expert	
4	Dr. K.Bharathi	Professor, IPT-SPMVV	Academic expert	
5	Dr.J.Surya kumar	Senior vice president, Orchid pharmaceuticals, Chennai	Industry expert	
6	Dr. D.Sujatha	Asst. professor, IPT-SPMVV	Alumni expert	
7	Dr. K.K. Rajasekhar	Professor, SPSP	Senior faculty	
8	Dr.J.Sundarseelan	Professor, SPSP.	Member	
9	Dr.B.Pushpa Kumari	Associate. Professor, SPSP.	Member	
10	Dr. S.S.Somanathan	Associate. Professor, SPSP	Member	
12	Dr. V.Shanmugam	Associate. Professor, SPSP	Member	
13	Mr.T.S.Durgaprasad	Asst.Professor, SPSP	Member	

Dr. C. Sridhar,  
Director of Academic & Planning.

# SRI PADMAVATHI SCHOOL OF PHARMACY



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08-06-2018,  
Tiruchanoor.

From

Dr.C. Sridhar,  
Director of Academic & Planning,  
Sri Padmavathi school of Pharmacy,  
Tiruchanoor.

To

The principal,  
Sri Padmavathi school of Pharmacy,  
Tiruchanoor  
Respected Sir,

Sub: Request for permission to conduct Gap Analysis Committee (GAC) meeting-Reg.

I would like to bring to your kind notice that, in our institution, we are planning to organize a Gap Analysis Committee meeting on 14-06-2018 at seminar hall by 10.00 PM to fulfil the gaps in the curriculum. Hence, I kindly request you to participate in organizing the Gap Analysis Committee.

Thanking you sir

Yours faithfully

Dr. C. Sridhar,  
Director of Academic & Planning.



# SRI PADMAVATHI SCHOOL OF PHARMACY



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## CIRCULAR

Date: 06-06-2018

All the staff and students are hereby informed that a "GAP analysis committee (GAC)" has been constituted with the following members. The committee is responsible for reviewing the curriculum, finding the gaps in the syllabus and suggest the necessary actions to fill the gaps. The gaps shall be fulfilled through MOUs, industrial visits, Guest lectures, Seminars, Workshops and Conferences. All the subject's respective faculty are requested to find the gaps

### GAP Analysis Advisory committee Members:

S. NO	Name of the member	Designation	Role
1	Dr.C. Sridhar	Director of Academic & Planning, Head of Pharm.analysis & chemistry dept.	Chairman
2	Dr.Y.Prasanna Raju	Professor, Head of IQAC	Coordinator
3	Dr. K.V.S.R.G.Prasad	Professor, Sri Padmavathi mahila viswa vidyalayam,	Academic expert
4	Dr. K.Bharathi	Professor, Sri Padmavathi mahila viswa vidyalayam,	Academic expert
5	Dr.J.Surya kumar	Senior vice president, Orchid pharmaceuticals, Chennai	Industry expert
6	Dr. D.Sujatha	Assistant professor, Sri Padmavathi mahila viswa vidyalayam,	Alumni expert
7	Dr. K.K. Rajasekhar	Professor, Head of Pharmaceutical analysis dept.	Senior faculty
8	Dr.J.Sundarseelan	Professor, Head of Pharmaceutics dept.	Senior faculty
9	Dr.B.Pushpa Kumari	Asst. Professor, Head of pharmacology dept.	Senior faculty

  
PRINCIPAL

Copy to:

1. Chairman, SPSP
2. HODs to circulate among faculty and students.
3. Chairman, GAP
4. Members of GAP

PRINCIPAL  
Sri Padmavathi School of Pharmacy  
TIRUCHANOOR  
TIRUPATI (A.P.)

# SRI PADMAVATHI SCHOOL OF PHARMACY



Mohan Gardens, Vaishnavi Nagar, Tiruchanoor (PO), Chittoor (Dist.), AP - 517503  
(Approved by AICTE, New Delhi, Approved by PCI, New Delhi, Affiliated to JNTUA, Ananthapuramu,  
Recognized Under 2(f) & 12(B) of UGC Act.)

02-06-18,  
Tiruchanoor,

From  
The Principal,  
Sri Padmavathi School of pharmacy,  
Mohan gardens,  
Vaishnavi nagar, Tiruchanoor.

To  
Dr.D.sujatha,  
Asst.Professor  
Institute of pharmaceutical technology,  
Sri Padmavathi mahila viswavidyalayam,  
Tirupati.

Dear madam,

Sub: Request to accept to be an Alumni expert member of Gap Analysis Committee-Reg.

I would like to bring to your kind notice that, in our college we are planning to form Gap Analysis Committee (GAC). The main objective of this committee is to identify the Curriculum Gaps and give the necessary suggestions about how to fill those gaps. I feel that your alumni experience and knowledge will greatly help our students for attaining the program outcomes. On behalf of our college, I kindly request you to accept our invitation to be as an alumni expert member for our Gap Analysis Committee. Kindly do the needful for the development of our institution.

Please confirm your acceptance through mail or phone.

Thanking you madam,

Yours faithfully,

(Dr. D.Ranganayakulu)

PRIN  
Sri Padmavathi School of Pharmacy  
TIRUCHANOOR  
TIRUPATI (A.P.)

# SRI PADMAVATHI SCHOOL OF PHARMACY



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02-06-18,  
Tiruchanoor,

From  
The Principal,  
Sri Padmavathi School of pharmacy,  
Mohan gardens,  
Vaishnavi nagar, Tiruchanoor.

To  
Dr.J.Surya kuamr,  
Senior Vice president,  
Orchid Pharmaceuticals,  
Chennai.

Respected sir,

Sub: Request to accept to be an industry expert member of Gap Analysis Committee-Reg.

I would like to bring to your kind notice that, in our college we are planning to form Gap Analysis Committee (GAC). The main objective of this committee is to identify the Curriculum Gaps and give the necessary suggestions about how to fill those gaps. I feel that your experience and knowledge will greatly help our students for attaining the industry related information. On behalf of our college, I kindly request you to accept our invitation to be as an industry expert member for our Gap Analysis Committee. Kindly do the needful for the development of our institution.

Please confirm your acceptance through mail or phone.

Thanking you sir,

Yours faithfully

(Dr. D.Ranganayakulu)

**PRINCIPAL**

**Sri Padmavathi School of Pharmacy  
TIRUCHANOOR  
TIRUPATI (A.P)**

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02-06-18,  
Tiruchanoor,

From  
The Principal,  
Sri Padmavathi School of pharmacy,  
Mohan gardens,  
Vaishnavi nagar, Tiruchanoor.

To  
Prof. K.Bharathi  
Institute of pharmaceutical technology,  
Sri Padmavathi mahila viswavidyalayam,  
Tirupati.

Respected madam,

Sub: Request to accept to be an academic expert member of Gap Analysis Committee-Reg.

I would like to bring to your kind notice that, in our college we are planning to form Gap Analysis Committee (GAC). The main objective of this committee is to identify the Curriculum Gaps and give the necessary suggestions about how to fill those gaps. I feel that your experience and knowledge will greatly help our students for attaining the program outcomes. On behalf of our college, I kindly request you to accept our invitation to be as an academic expert member for our Gap Analysis Committee. Kindly do the needful for the development of our institution.

Please confirm your acceptance through mail or phone.

Thanking you madam,

Yours faithfully

(Dr. D.Ranganayakulu)

PRINCIPAL  
Sri Padmavathi School of Pharmacy  
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## SRI PADMAVATHI SCHOOL OF PHARMACY

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02-06-18,  
Tiruchanoor,

From  
The principal,  
Sri Padmavathi School of pharmacy,  
Mohan gardens,  
Vaishnavi nagar, Tiruchanoor.

To  
Prof. K.V.S.R.G.Prasad,  
Institute of pharmaceutical technology,  
Sri Padmavathi mahila viswavidyalayam,  
Tirupati.

Respected Sir,

Sub: Request to accept to be an academic expert member of Gap Analysis Committee-Reg.

I would like to bring to your kind notice that, in our college we are planning to form Gap Analysis Committee (GAC). The main objective of this committee is to identify the Curriculum Gaps and give the necessary suggestions about how to fill those gaps. I feel that your experience and knowledge will greatly help our students for attaining the program outcomes. On behalf of our college, I kindly request you to accept our invitation to be as an academic expert member for our Gap Analysis Committee. Kindly do the needful for the development of our institution.

Please confirm your acceptance through mail or phone.

Thanking you sir

Yours faithfully

(Dr. D.Ranganayakulu)

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Date: 15-05-2018

## CIRCULAR

All the HODs are hereby informed to form "Gap Analysis Committee (GAC)" for their respective Departments to review the curriculum, find the gaps and suggest the necessary actions to fill the gaps. The committee should be constituted in the following manner.

1. HOD
2. Any two Senior Faculty members from the Department.
3. An Industry/academic expert.
4. Two Alumni of the Department.

Hence, all the HODs are requested to propose the names of the committee members as per stipulated constitution and submit on or before 30-05-2018.

  
PRINCIPAL

PRINCIPAL  
Sri Padmavathi School of Pharmacy  
TIRUCHANOOR  
TIRUPATI (A.P.)

Copy to:

1. All the HODs.
2. All the staff members for information.