

From: Archana Mudgal <registrar@pci.nic.in>

Date: Fri, 15 Jan 2021, 17:34

Subject: Constitution of Education Regulations Syllabus Committee to draft the Scheme and Syllabus for Education Regulations, 2020 for Diploma Course in Pharmacy"

To: <sureshbhojraj@gmail.com>, <drshailendrasaraf@gmail.com>, <shailendrasaraf@rediffmail.com>, <navin\_sheth@yahoo.com>, <vc@gtu.ac.in>, <gopalveni@yahoo.com>, <jayakar61@yahoo.com>, <registrar.vmu@vmu.edu.in>, <rathoreajay2007@rediffmail.com>, <neerajupmanyu2007@gmail.com>, <dineerajupmanyu@gmail.com>, <lnnarayana2000@yahoo.com>, <dr.rdebnath@gmail.com>, <das.annada@yahoo.in>, <priyashree.pattanayak@gmail.com>, <mrk13gnt@gmail.com>, <prakashwanjari001@gmail.com>, <dineshkppa2008@gmail.com>, <manjeeriq@gmail.com>, <mgupta@bitmesra.ac.in>, <hfenmawia@gmail.com>, <rajxvaidya@gmail.com>

## PHARMACY COUNCIL OF INDIA

(Constituted under the Pharmacy Act, 1948)

**E-MAIL** : registrar@pci.nic.in

**WEBSITE** : www.pci.nic.in

**Telephone** : 011-61299901

011-61299902

011-61299903

NBCC Centre, 3<sup>rd</sup> Floor,

Plot No.2, Community Centre

Maa Anandamai Marg

Okhla Phase I

NEW DELHI – 110 020

### E-Mail

Ref.No. 14-55/2020-PCI (A)

### All Members of Education Regulations Syllabus Committee

**Sub: Constitution of Education Regulations Syllabus Committee to draft the Scheme and Syllabus for Education Regulations, 2020 for Diploma Course in Pharmacy".**

Sir/Madam,

With reference to the subject cited above, It is informed that –

a) the PCI has constituted the syllabus Committee for Education Regulations, 2020 for Diploma Course in Pharmacy as per the following composition –

### Chairman

Dr. N.R.Sheth, Chairman

### Members

1. Prof. B. Suresh, President PCI, (Ex-Officio) Mysore (Karnataka).
2. Dr. Shailendra Saraf, Vice President PCI, (Ex-Officio) Raipur (Chhattisgarh)
3. Dr. V. Gopal, Member PCI, Puducherry
4. Prof. B. Jayakar, Member, PCI Salem – 636 308 (Tamil Nadu)
5. Sri Kumar Ajay, Member PCI, Patna,(Bihar)
6. Dr. H. Lalhlenmawia, Member PCI, Zembawak.
7. Shri Neeraj Upmanyu, Member PCI, Bhopal(Madhya Pradesh)
8. Dr.R. Debnath, Member PCI, Kolkata,West Bengal
9. Shri Annada Sankar Das, Member PCI, Bhubneshwar (Orissa)
10. Dr. Priyashree Sunita, Member PCI, Ranchi (Jharkhand)
11. Dr. Mannava Radhakrishna Murthy M.D., Member PCI, Guntur(Andhra Pradesh)
12. Shri Prakash Jeevandas Wanjari, Member PCI, Maharashtra.
13. Shri Manjiri Gharat, Mumbai, Maharashtra.
14. Shri Raj Vaidya, Panaji, Goa.
15. Shri R.N.Gupta, Ranchi, Jharkhand.
16. Shri K.R. Dinesh Kumar, Kollam (Kerala)

b) "Education Regulations, 2020 for Diploma Course in Pharmacy" are notified in the Gazette of India, a copy of which is enclosed herewith as **Appendix-I**.

c) As per regulation 7 of Education Regulations 2020 -

The syllabus for each subject of study shall be as prescribed by the Pharmacy Council of India from time to time.

Principal

Vikas Institute of Pharmaceutical Sciences

Rajshimla, Rajasthan

d) please find enclosed herewith the syllabus as drafted by earlier Education Regulations committee  
(Appendix - II)

e) The committee is requested to review the D. Pharm syllabus and submit before 15.2.2021.


Your Kind support is solicited in the matter.

Yours faithfully

**(ARCHNA MUDGAL)**  
**Registrar-cum-Secretary**  
**Committee Members**  
**Committee Members**

1. Prof. B. Suresh  
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d) please find enclosed herewith the syllabus as drafted by earlier Education Regulations committee  
(Appendix - II)

e) The committee is requested to review the D. Pharm syllabus and submit before 15.2.2021.

Your Kind support is solicited in the matter.

Yours faithfully

**(ARCHNA MUDGAL)**  
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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

KAKINADA-533 003. ANDHRA PRADESH (India)  
(Established by Andhra Pradesh Act No.30 of 2008)

Proc. No. JNTUK/DAP/BOS/PG/2016/(M.Pharmacy)

Date: 06.07.2016

**Dr. G.V.R. Prasada Raju,**  
B.E., M.E., Ph.D.

**REGISTRAR**

To  
Prof. K. P. R. Chowdary  
Research Director,  
Vikas Institute of Pharmaceutical Sciences  
Nidigatla, Rajahmundry

Dear Sir,

Sub: - JNTUK – Academic & Planning - Meeting of PG Board of Study M.Pharmacy –  
Invitation – reg.


\*\*\*

As per the directions of Hon'ble Vice-Chancellor, JNTUK, I am pleased to inform that you are empanelled for the Board of Study to formulate the R16 Regulations (R16), Course Structure and Syllabus for M.Pharmacy. Also, I wish to inform that the meetings of the PG Board of Study of JNTUK are scheduled on 16<sup>th</sup> July, 2016 and request your valuable presence.

You are hereby requested to plan your travel for attending the PG BOS meetings on 16<sup>th</sup> July, 2016. You are also requested to send your travel details to the Director, Academic & Planning (09618522555), JNTUK Kakinada, through e-mail: [dapjntuk@gmail.com](mailto:dapjntuk@gmail.com) with intimation to Chairman, BOS of respective department so as to enable us to plan your boarding and lodging arrangements. You will be paid TA/DA & Honorarium as per University norms.

  
REGISTRAR

Copy to the Secretary to Hon,ble Vice-Chancellor, JNTUK Kakinada.  
Copy to the Rector, JNTUK Kakinada.  
Copy to the Director, Academics & Planning, JNTUK Kakinada.  
Copy to the Principals of Constituent Colleges, JNTUK, Kakinada.  
Copy to the Co-ordinator, DAP, JNTUK, Kakinada.

  
**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Ref.No.14-136/2015-PCI

**Speed Post + E-Mail****All Committee Members**

**Sub.:** Meeting of M. Pharm committee for framing of syllabus, list of equipments and reference books etc. for various PG specializations scheduled to be held on 30<sup>th</sup> May, 2016 at New Delhi.

Sir

- With reference to the subject cited above, I am directed to issue notice for the meeting for framing of syllabus, list of equipments and reference books etc. for various PG specializations scheduled to be held as per the following details-

Date : 30<sup>th</sup> May, 2016  
(Monday)

Time : 10.30 A.M.


Venue : Pharmacy  
Council of India  
Combined  
Council's Building  
Kotla Road  
Aiwan-E-  
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NEW DELHI  
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- The members are requested to forward their acceptance or otherwise in the enclosed proforma (**Annexure -I**) so as to reach the Council's office by 22.5.2016 positively.

• please note that –

a) Air travel (economy class) is permissible subject to the conditions that the distance involved is not less than 500 kms. and journey cannot be performed overnight by train.

b) Further as per instructions of the Government of India, it is essential to travel by Air India only. However travel by other air lines (other than Air India) can be made in the following circumstances -

- a) due to non availability of ticket in Air India.
- b) non availability of route on Air India.
- c) travel made on short notice/emergency meeting.

Further, please find enclosed herewith a M.Pharm, Pharmacology scheme and syllabus as received from Shri B.P.Srinivasan.

Kindly make it convenient to attend the meeting.

Yours faithfully

(ARCHNA MUDGAL)

Registrar-cum-Secretary

## Committee Members

1. Prof. Shailendra Saraf, Member, PCI, Chattisgarh
2. Dr. H. Lalhlenmawia, Member PCI, Zembawak, Aizawl
3. Dr.B.P. Srinivasan Member, PCI, faridabad (Haryana)
4. Dr. N. Narayanan, Member, PCI, Chennai (Tamil Nadu)
5. Dr. V. Gopal, Member, PCI, Pudducherry..
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----- Forwarded message -----

From: **CHALAPATHI EXAMINATION** <[clptexamination@gmail.com](mailto:clptexamination@gmail.com)>

Date: Wed, Jan 20, 2021 at 12:37 PM

Subject: Request: Question Paper Setter for PD 5.3T

To: Suma Latha <[sumacology@gmail.com](mailto:sumacology@gmail.com)>

Dear Sir,

Thanks for accepting our request. The details of the question papers to be set by you are furnished as enclosed.

- **Two different question papers are to be Sets (Set-I & Set-II)**, for each course. You shall be paid honorarium @ Rs.1000/- per set.
  - Herewith we enclose the soft copies of the syllabus, model paper Question Paper Template and declaration-cum-Claim bill.
  - Please note that the templates of the question papers are password protected.
  - You are requested to send the soft copies of the Question paper and filled in Declaration-cum-Claim bill form to the e.mail: [clptexamination@gmail.com](mailto:clptexamination@gmail.com) on or before **01/02/2021**.
  - Please go through the following instructions carefully before initiating the process.
- The password to open the Template is 2597352519

Examination Department  
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# CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(AUTONOMOUS)

Chalapathi Nagar, Lam, Guntur - 522034

CONFIDENTIAL

CLAIM BILL

As per the proceedings of the Principal, Chalapathi Institute of Pharmaceutical Sciences,  
Dated: 20/01/2021.

## DECLARATION OF THE PAPER SETTER

I hereby certify that I have set the question paper with Course Code No \_\_\_\_\_ as per the instructions, with a balanced coverage of the prescribed syllabus and regulations. I also declare that none of my family members, relatives and close acquaintances are appearing for the examination; I do not undertake private tuitions.

S. No	Course Code	Title of the paper	Set	Remuneration Rs.	Remarks
1			Set - I	@ 1000/-	
2			Set - II	@ 1000/-	

Name & Address:

Phone No:

E-mail ID:

Contents received:

Signature of the Paper Setter  
(with date & stamp)

## ACQUITTANCE

Abstract of the bill claimed by the Paper Setter

Received a sum of Rs..... (Rupees.....)  
towards paper setting work from the Principal, Chalapathi institute of pharmaceutical sciences by NEFT.

Place:

Date:

Signature of the Paper Setter

(Name: )

The remuneration shall be paid through money transfer. Please furnish the account details below:

A/c Holder Name :

SB Account No. :

Bank / Branch :

IFSC Code :

Principal

Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

PRINCIPAL

**CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTUR**  
(AUTONOMOUS)

**V/VI PHARM.D & V/VI PHARM.D (PB) YEAR END REGULAR EXAMINATIONS,**  
**FEBRUARY/MARCH-2021**  
(Examination at the end of Fifth Year)

**PAPER - III : CLINICAL PHARMACOKINETICS AND PHARMACOTHERAPEUTIC  
DRUG MONITORING**

**Time: Three Hours**

**Maximum Marks: 70**


**ANSWER ANY FIVE QUESTIONS**

**(All Questions Carry Equal Marks)**

05×14= 70 Marks

1. a) Discuss in brief about the inhibition of Biliary excretion?  
b) Discuss about drug dosing in elderly patients?
2. What is TDM? Write about indications and protocol for TDM?
3. Explain in detail about dosage adjustment in renal impairment and hepatic disease patients?
4. Write about the following:
  - a) Glomerular filtration rate?
  - b) Pharmacokinetic drug interactions.
5. Discuss in detail about Bayesian theory and its applications in population pharmacokinetics?
6. Discuss about
  - a) Genetic polymorphism in drug metabolism
  - b) Dosage adjustment for Uremic patients?
7. a) What about measurements of creatinine clearance?  
b) Discuss about applications of clinical pharmacokinetics?



  
Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

### 5.3 CLINICAL PHARMACOKINETICS AND PHARMACOTHERAPEUTIC DRUG MONITORING (THEORY)

Theory : 2 Hrs. /Week

1. **Introduction to Clinical pharmacokinetics.**
2. **Design of dosage regimens:**  
Nomograms and Tabulations in designing dosage regimen, Conversion from intravenous to oral dosing, Determination of dose and dosing intervals, Drug dosing in the elderly and pediatrics and obese patients.
3. **Pharmacokinetics of Drug Interaction:**
  - a. Pharmacokinetic drug interactions
  - b. Inhibition and Induction of Drug metabolism
  - c. Inhibition of Biliary Excretion.
4. **Therapeutic Drug monitoring:**
  - a. Introduction
  - b. Individualization of drug dosage regimen (Variability – Genetic, Age and Weight, disease, Interacting drugs).
  - c. Indications for TDM. Protocol for TDM.
  - d. Pharmacokinetic/Pharmacodynamic Correlation in drug therapy.
  - e. TDM of drugs used in the following disease conditions: cardiovascular disease, Seizure disorders, Psychiatric conditions, and Organ transplantations.
5. **Dosage adjustment in Renal and hepatic Disease.**
  - a. Renal impairment
  - b. Pharmacokinetic considerations
  - c. General approach for dosage adjustment in Renal disease.
  - d. Measurement of Glomerular Filtration rate and creatinine clearance.
  - e. Dosage adjustment for uremic patients.
  - f. Extracorporeal removal of drugs.
  - g. Effect of Hepatic disease on pharmacokinetics.
6. **Population Pharmacokinetics.**
  - a. Introduction to Bayesian Theory.
  - b. Adaptive method or Dosing with feed back.
  - c. Analysis of Population pharmacokinetic Data.
7. **Pharmacogenetics**
  - a. Genetic polymorphism in Drug metabolism: Cytochrome P-450 Isoenzymes.
  - b. Genetic Polymorphism in Drug Transport and Drug Targets.
  - c. Pharmacogenetics and Pharmacokinetics/Pharmacodynamic considerations

  
Principal

Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

# CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(AUTONOMOUS)

Accredited with 'A' Grade by NAAC  
Accredited by NBA : B.Pharmacy



College Code : CLPT  
(ISO 9001-2015 Certified Institution)  
Phone : +91 863-2524124/5  
Mobile: 9490073081

CONTROLLER OF EXAMINATIONS

Approved by AICTE, PCI, Recognized by Dept. of Technical Education, Govt. of A.P., Affiliated to ANU, Recognized by UGC Under Section 2(f) and 12B, Recognized by DSIR

As per the proceedings of the Principal, Chalapathi Institute of Pharmaceutical Sciences, Dated:  
**20/01/2021.**

Dear Sir / Madam,

Thanks for accepting our request. The details of the question papers to be set by you are furnished as enclose.

- Two different question papers are to be sets (Set-I & Set-II), for each course. You shall be paid honorarium @ Rs.1000/- per set.
- Herewith we enclose the soft copies of the syllabus, model paper Question Paper Template, Course outcomes, Program outcomes and declaration-cum-Claim bill.
- Please note that the templates of the question papers are password protected.
- You are requested to send the soft copies of the Question paper and filled in Declaration-cum-Claim bill form to the e-mail : [clptexamination@gmail.com](mailto:clptexamination@gmail.com)
- Please go through the following instructions carefully before initiating the process.

## INSTRUCTIONS TO PAPER SETTERS:

1. The Question paper must reflect a balanced, unit-wise coverage of the syllabus based on the course outcomes and program outcomes.
2. Ambiguity, repetition of questions or replication from the model question paper is to be avoided.
3. The standard of the questions must be able to test the knowledge, analytical ability, comprehension of an average student in the subject as per the syllabus.
4. Clarity, legibility is to be ensured while writing/typing the questions, symbols, equations etc.
5. Please use only template of the question paper to furnish figures, diagrams, drawings, charts etc. the question paper templates are as per the Chalapathi Institute of Pharmaceutical Sciences Semester End Examination requirements.

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102

Dr. Pallavi Vadlamudi  
Controller of Examinations

----- Forwarded message -----

From: **CHALAPATHI EXAMINATION** <clptexamination@gmail.com>

Date: Mon, Jan 11, 2021 at 11:43 AM

Subject: Request: Question Paper Setter for BP 204 T

To: Suma Latha <sumacology@gmail.com>


Dear Sir,

Thanks for accepting our request. The details of the question papers to be set by you are furnished as enclosed.

- **Two different question papers are to be Sets (Set-I & Set-II)**, for each course. You shall be paid honorarium @ Rs.1000/- per set.
- Herewith we enclose the soft copies of the syllabus, model paper Question Paper Template and declaration-cum-Claim bill.
- Please note that the templates of the question papers are password protected.
- You are requested to send the soft copies of the Question paper and filled in Declaration-cum-Claim bill form to the e.mail: [clptexamination@gmail.com](mailto:clptexamination@gmail.com) on or before **28/01/2021**.
- Please go through the following instructions carefully before initiating the process.

The password to open the Template is 2597352519

--  
Examination Department  
Chalapathi Institute of Pharmaceutical Sciences  
Guntur - 522704  
Phone: +91-960-2524124/25  
Cell: +91-83-28280725

  
**Principal**  
**Vikas Institute of Pharmaceutical Sciences**  
**Rajahmundry-533 102.**



# CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(AUTONOMOUS)

Chalapathi Nagar, Lam, Guntur - 522034

CONFIDENTIAL

CLAIM BILL

As per the proceedings of the Principal, Chalapathi Institute of Pharmaceutical Sciences,  
Dated: **09/01/2021**.

## DECLARATION OF THE PAPER SETTER

I hereby certify that I have set the question paper with Course Code No \_\_\_\_\_ as per the instructions, with a balanced coverage of the prescribed syllabus and regulations. I also declare that none of my family members, relatives and close acquaintances are appearing for the examination; I do not undertake private tuitions.

S. No	Course Code	Title of the paper	Set	Remuneration Rs.	Remarks
1			Set - I	@ 1000/-	
2			Set - II	@ 1000/-	

Name & Address:

Phone No:

E-mail ID:

Contents received:

Signature of the Paper Setter

(with date & stamp)

## ACQUITTANCE

Abstract of the bill claimed by the Paper Setter

Received a sum of Rs..... (Rupees.....)  
towards paper setting work from the Principal, Chalapathi institute of pharmaceutical sciences by NEFT.

Place:

Date:

Signature of the Paper Setter

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**The remuneration shall be paid through money transfer. Please furnish the account details below:**

**A/c Holder Name :**

**SB Account No. :**

**Bank / Branch :**

**IFSC Code :**

Principal

Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102. **PRINCIPAL**

# BP 204 T

## BP204T-PATHOPHYSIOLOGY (THEORY) 45Hours

**Scope:** Pathophysiology is the study of causes of diseases and reactions of the body to such disease producing causes. This course is designed to impart a thorough knowledge of the relevant aspects of pathology of various conditions with reference to its pharmacological applications, and understanding of basic pathophysiological mechanisms. Hence it will not only help to study the syllabus of pathology, but also to get baseline knowledge required to practice medicine safely, confidently, rationally and effectively.

**Objectives:** Upon completion of the subject student shall be able to –

1. Describe the etiology and pathogenesis of the selected disease states;
2. Name the signs and symptoms of the diseases; and
3. Mention the complications of the diseases.

### Course content:

#### UNIT-I

(10 Hours)

- **Basic principles of Cell injury and Adaptation:**

Introduction, definitions, Homeostasis, Components and Types of Feedback systems, Causes of cellular injury, Pathogenesis (Cell membrane damage, Mitochondrial damage, Ribosome damage, Nuclear damage), Morphology of cell injury – Adaptive changes (Atrophy, Hypertrophy, hyperplasia, Metaplasia, Dysplasia), Cell swelling, Intra cellular accumulation, Calcification, Enzyme leakage and Cell Death Acidosis & Alkalosis, Electrolyte imbalance.

- **Basic mechanism involved in the process of inflammation and repair:**

Introduction, Clinical signs of inflammation, Different types of Inflammation, Mechanism of Inflammation – Alteration in vascular permeability and blood flow, migration of WBC's, Mediators of inflammation, Basic principles of wound healing in the skin, Pathophysiology of Atherosclerosis

#### UNIT-II

(10Hours)

- **Cardiovascular System:**

Hypertension, congestive heart failure, ischemic heart disease (angina, myocardial infarction, atherosclerosis and arteriosclerosis)

- **Respiratory system:** Asthma, Chronic obstructive airways diseases.

- **Renal system:** Acute and chronic renal failure .

#### UNIT-III

(10 Hours)

- **Haematological Diseases:**

Iron deficiency, megaloblastic anemia (Vit B12 and folic acid), sickle cell anemia, thalasemia, hereditary acquired anemia, hemophilia

- **Endocrine system:** Diabetes, thyroid diseases, disorders of sex hormones

- **Nervous system:** Epilepsy, Parkinson's disease, stroke, psychiatric disorders: depression, schizophrenia and Alzheimer's disease.
- **Gastrointestinal system:** Peptic Ulcer

**(8 Hours)**

**UNIT-IV**

- Inflammatory bowel diseases, jaundice, hepatitis (A,B,C,D,E,F) alcoholic liver disease.
- **Disease of bones and joints:** Rheumatoid arthritis, osteoporosis and gout
- **Principles of cancer:** classification, etiology and pathogenesis of cancer
- **Diseases of bones and joints:** Rheumatoid Arthritis, Osteoporosis, Gout
- **Principles of Cancer:** Classification, etiology and pathogenesis of Cancer

**(7 Hours)**

**UNIT-V**

- **Infectious diseases:** Meningitis, Typhoid, Leprosy, Tuberculosis  
Urinary tract infections
- **Sexually transmitted diseases:** AIDS, Syphilis, Gonorrhoea

**Recommended Books (Latest Editions)**

01. Vinay Kumar, Abul K. Abas, Jon C. Aster; Robbins & Cotran Pathologic Basis of Disease; South Asia edition; India; Elsevier; 2014.
02. Harsh Mohan; Text book of Pathology; 6th edition; India; Jaypee Publications; 2010.
03. Laurence B, Bruce C, Bjorn K. ; Goodman Gilman's The Pharmacological Basis of Therapeutics; 12th edition; New York; McGraw-Hill; 2011.
04. Best, Charles Herbert 1899-1978; Taylor, Norman Burke 1885-1972; West, John B (John Burnard); Best and Taylor's Physiological basis of medical practice; 12th ed; united states;
05. William and Wilkins, Baltimore; 1991 [1990 printing].
06. Nicki R. Colledge, Brian R. Walker, Stuart H. Ralston; Davidson's Principles and Practice of Medicine; 21st edition; London; ELBS/Churchill Livingstone; 2010.
07. Guyton A, John .E Hall; Textbook of Medical Physiology; 12th edition; WB Saunders Company; 2010.
08. Joseph DiPiro, Robert L. Talbert, Gary Yee, Barbara Wells, L. Michael Posey; Pharmacotherapy: A Pathophysiological Approach; 9th edition; London; McGraw-Hill Medical; 2014.
09. V. Kumar, R. S. Cotran and S. L. Robbins; Basic Pathology; 6th edition; Philadelphia; WB Saunders Company; 1997.
10. Roger Walker, Clive Edwards; Clinical Pharmacy and

  
Principal

Therapeutics; 3rd edition; London; Churchill Livingstone publication; 2003.

**Recommended Journals**

1. The Journal of Pathology. ISSN: 1096-9896 (Online)
2. The American Journal of Pathology. ISSN: 0002-9440
3. Pathology. 1465-3931 (Online)
4. International Journal of Physiology, Pathophysiology and Pharmacology. ISSN: 1944-8171 (Online)
5. Indian Journal of Pathology and Microbiology. ISSN-0377-4929.



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Rajahmundry-533 102.

**Course Name:** Pathophysiology (Theory)

**Course code:** BP 204T

**Semester and Year of Study:** II Semester (2019-20)

C204.1	To understand the process of cell injury and mechanism of inflammation
C204.2	To understand the etiopathogenesis of various disease states mentioned.
C204.3	To apply the concepts of pathogenesis of disease states to understand pharmacology.
C204.4	To evaluate the signs and symptoms of various disease states mentioned.
C204.5	To assess the complications of various disease states mentioned.
C204.6	To create awareness regarding preventive measures of infectious and communicable diseases.



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# CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(AUTONOMOUS)

Programme : B.Pharmacy

PROGRAMME OUTCOMES (PO's)

- PO1: Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioural, social, and administrative pharmacy sciences; and manufacturing practices.
- PO2: Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
- PO3: Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
- PO4: Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
- PO5: Leadership skills:** Understand and consider the human reaction to change, motivation, issues, leadership and team-building when planning changes required for fulfilment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and wellbeing.
- PO6: Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
- PO7: Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behaviour that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
- PO8: Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective Presentations and documentation, and give and receive clear instructions.
- PO9: The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
- PO 10: Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO11:Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self- assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

# CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(AUTONOMOUS)

Accredited with 'A' Grade by NAAC  
Accredited by NBA : B.Pharmacy



College Code : CLPT  
(ISO 9001-2015 Certified Institution)  
Phone : +91 863-2524124/5  
Mobile: 9490073081

## CONTROLLER OF EXAMINATIONS

Approved by AICTE, PCI, Recognized by Dept. of Technical Education, Govt. of A.P., Affiliated to ANU, Recognized by UGC Under Section 2(f) and 12B, Recognized by DSIR

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Principal

Dr. Pallavi Vadlamudi

Controller of Examinations

Vikas Institute of Pharmaceutical Sciences

Rajahmundry-533 102

Chalapathi Nagar, Lam, Guntur-522034, A.P., India, Cell: 9440101685, Ph: 0863-2524124/5, Fax : 0863-2524123

Website : [www.chalapathipharmacy.in](http://www.chalapathipharmacy.in), Email : [clptexamination@gmail.com](mailto:clptexamination@gmail.com)

Program: B.Pharm- Year II SEM 2 Regular examinations, APRIL-2019  
Course Name (Subject): Pharmacology-I  
Course code: BP404T

I request you in this regard to prepare 2 sets of question papers after thoroughly going through syllabus and other guidelines attached to this e-mail. Question paper should be prepared by using Bloom™'s taxonomical verbs. The process may be completed within three or four days of the receipt of this mail and send soft copy only to [ce@riper.ac.in](mailto:ce@riper.ac.in) OR [srinathses@gmail.com](mailto:srinathses@gmail.com) confidentially. You can contact me for any further clarifications on my mob.9704034229 either by message or WhatsApp.  
If you accept/reject the offer, please intimate immediately so as to make alternate arrangements.

NOTE: MODEL QUESTION PAPER MAY NOT RELATED TO YOUR SUBJECT.ITS ONLY A TEMPLATE

Thanking you Sir/Madam,

Yours Sincerely,



**Principal**  
Sri Vas Institute of Pharmaceutical Sciences  
Rajaramundry-533 102.

(Dr. Srinath B)

Enclosures:-

1. Syllabus for the subject
2. Model QP
3. Bloom's Taxonomical verbs copy
4. QP template

<b>Program /Year/Sem</b>	<b>B. Pharm</b>
<b>Year /Semester</b>	<b>Second Year / II semester</b>
<b>Name of the course</b>	<b>Pharmacology- I (Theory)</b>
<b>Course Code</b>	<b>BP 404 T</b>
<b>Credits</b>	<b>4</b>
<b>Hours /week</b>	<b>3+1 hours (lectures)</b>
<b>Pre / co-requisite/s</b>	<b>Nil</b>

**Course Description:** This course aimed to provide basic knowledge on principles of general pharmacology such as sources of drug, drug development phases, routes of drug administration, mechanism of drug action and pharmacokinetic aspects like drug absorption, distribution, metabolism and excretion. Subsequently, this course also covers about the drugs acting on central and peripheral nervous system.

**Course Learning Outcomes:** Upon successful completion of this course, the student should be able to:


CO1: Review the principles of drug discovery and development

CO2: Analyze the various advantages and disadvantages of different routes of drug administration

CO3: Explain the fundamental molecular mechanisms of drug action

CO4: Illustrate the various pharmacological aspects like mechanism of action, pharmacokinetics, side effects, drug interactions, contra indications and indications of drugs falling under below mentioned chapters

**Theory Course: Contents**

  
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Rajahmundry-533 102.

Unit	Topics	Hours allotted
I	<p><b>General Pharmacology</b></p> <p>Introduction to Pharmacology- Definition, historical landmarks and scope of pharmacology, nature and source of drugs, essential drugs concept and routes of drug administration, Agonists, antagonists( competitive and non competitive), spare receptors, addiction, tolerance, dependence, tachyphylaxis, idiosyncrasy, allergy.</p> <p>Pharmacokinetics- Membrane transport, absorption, distribution, metabolism and excretion of drugs .Enzyme induction, enzyme inhibition, kinetics of elimination</p>	14hours
II	<p><b>General Pharmacology</b></p> <p>Pharmacodynamics- Principles and mechanisms of drug action. Receptor theories and classification of receptors, regulation of receptors. drug receptors interactions signal transduction mechanisms, G-protein-coupled receptors, ion channel receptor, transmembrane enzyme linked receptors, transmembrane JAK-STAT binding receptor and receptors that regulate transcription factors, dose response relationship, therapeutic index, combined effects of drugs and factors modifying drug action.</p> <p>Adverse drug reactions.</p> <p>Drug interactions (pharmacokinetic and pharmacodynamic)</p> <p>Drug discovery and clinical evaluation of new drugs -Drug discovery phase, preclinical evaluation phase, clinical trial phase, phases of clinical trials and pharmacovigilance.</p>	12 Hours



Principal

<b>Program /Year/Sem</b>	<b>B. Pharm</b>
<b>Year /Semester</b>	<b>Second Year / II semester</b>
<b>Name of the course</b>	<b>Pharmacology- I (Theory)</b>
<b>Course Code</b>	<b>BP 404 T</b>
<b>Credits</b>	<b>4</b>
<b>Hours /week</b>	<b>3+1 hours (lectures)</b>
<b>Pre / co-requisite/s</b>	<b>Nil</b>

**Course Description:** This course aimed to provide basic knowledge on principles of general pharmacology such as sources of drug, drug development phases, routes of drug administration, mechanism of drug action and pharmacokinetic aspects like drug absorption, distribution, metabolism and excretion. Subsequently, this course also covers about the drugs acting on central and peripheral nervous system.

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CO3: Explain the fundamental molecular mechanisms of drug action

CO4: Illustrate the various pharmacological aspects like mechanism of action, pharmacokinetics, side effects, drug interactions, contra indications and indications of drugs falling under below mentioned chapters

**Theory Course: Contents**

  
Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

III	<p><b>2. Pharmacology of drugs acting on peripheral nervous system</b></p> <p>a. Organization and function of ANS.</p> <p>b. Neurohumoral transmission, co-transmission and classification of neurotransmitters.</p> <p>Parasympathomimetics, Parasympatholytics, Sympathomimetics, sympatholytics.</p> <p>Neuromuscular blocking agents and skeletal muscle relaxants (peripheral).</p> <p>Local anesthetic agents.</p> <p>Drugs used in myasthenia gravis and glaucoma</p>	<b>12 Hours</b>
IV	<p><b>3. Pharmacology of drugs acting on central nervous system</b></p> <p>Neurohumoral transmission in the C.N.S. special emphasis on importance of various neurotransmitters like with GABA, Glutamate, Glycine, serotonin, dopamine.</p> <p>General anesthetics and pre-anesthetics.</p> <p>Sedatives, hypnotics and centrally acting muscle relaxants.</p> <p>Anti-epileptics</p> <p>Alcohols and disulfiram</p>	<b>12Hours</b>

  
 Principal  
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 Rajahmundry-533 102.

V	<p><b>3. Pharmacology of drugs acting on central nervous system</b></p> <p>Psychopharmacological agents: Antipsychotics, antidepressants, anti-anxiety agents, anti-manics and hallucinogens.</p> <p>Drugs used in Parkinsons disease and Alzheimer's disease.</p> <p>CNS stimulants and nootropics.</p> <p>Opioid analgesics and antagonists</p> <p>Drug addiction, drug abuse, tolerance and dependence.</p>	<b>10 Hours</b>
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**Recommended Books (Latest Editions)**

1. Rang H. P., Dale M. M., Ritter J. M., Flower R. J., Rang and Dale's Pharmacology, Churchill Livingstone Elsevier
2. Katzung B. G., Masters S. B., Trevor A. J., Basic and clinical pharmacology, Tata Mc Graw-Hill
3. Goodman and Gilman's, The Pharmacological Basis of Therapeutics
4. Marry Anne K. K., Lloyd Yee Y., Brian K. A., Robbin L.C., Joseph G. B., Wayne A. K., Bradley R.W., Applied Therapeutics, The Clinical use of Drugs, The Point Lippincott Williams & Wilkins
5. Mycek M.J, Gelnet S.B and Perper M.M. Lippincott's Illustrated Reviews-Pharmacology
6. K.D.Tripathi. Essentials of Medical Pharmacology, JAYPEE Brothers Medical Publishers (P) Ltd, New Delhi.
7. Sharma H. L., Sharma K. K., Principles of Pharmacology, Paras medical publisher
8. Modern Pharmacology with clinical Applications, by Charles R.Craig & Robert,
9. Ghosh MN. Fundamentals of Experimental Pharmacology. Hilton & Company, Kolkata.
10. Kulkarni SK. Handbook of experimental pharmacology. VallabhPrakashan,



Principal  
**Vikas Institute of Pharmaceutical Sciences**  
**Rajahmundry-533 102.**



## 200+ Bloom's Verbs

Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Define Identify Describe Label List Name State Match Select Locate Memorize Quote Recall Reproduce Tabulate Tell Copy Duplicate Enumerate Omit Recite Record Repeat Retail	Explain Describe Interpret Paraphrase Summarize Classify Compare Discuss Distinguish Predict Associate Convert Demonstrate Estimate Express Indicate Infer Relate Restate Select Translate Cite Generalize Give examples Group Illustrate Order Report Represent Rewrite Show Trace Transform	Solve Apply Illustrate Modify Use Calculate Change Demonstrate Experiment Relate Complete Construct Dramatize Interpret Manipulate Paint Prepare Produce Report Teach Act Administer Articulate Chart Collect Compute Determine Develop Employ Explain Interview List Operate Practice Predict Simulate	Analyze Compare Classify Contrast Distinguish Infer Separate Categorize Differentiate Discriminate Divide Order Subdivide Survey Advise Conclude Correlate Deduce Devise Diagram Dissect Estimate Illustrate Organize Outline Plan Question test	Criticize Evaluate Order Appraise Judge Support Decide Discriminate Recommend Assess Convince Defend Find errors Measure Grade Rank Score Select Test Argue Conclude Consider Critique Debate Distinguish Editorialize Justify Persuade Rate Weigh Validate	Design Compose Create Plan Formulate Invent Hypothesize Write Compile Construct Develop Integrate Modify Organize Prepare Produce Rearrange Rewrite Adapt Arrange Assemble Collaborate Devise Express Facilitate Make Negotiate Originate Propose Reorganize Simulate Structure

*[Handwritten Signature]*

Principal  
Vikas Institute of Pharmaceutical Sci  
Rajahmundry-533 102.

### Guidelines for Paper Setting:

1. Questions pattern should be framed by using Bloom's Taxonomy of measurable verbs (copy is enclosed).
2. All the questions should be typed in MS-word and times new roman font size 12.
3. Questions should be lucid, easily understandable and within the syllabus.
4. **PART-A** (2 Marks each) should consist of total 8 Questions having 1 question from each unit and must be of short answer questions like definitions, formula, terminologies etc.
5. **PART-B** (9 Marks each) Total 8 questions and should consist 1 question from each unit. Student will answer **any SIX**. Each question can be subdivided as (a), (b), (c), up to (d).
6. Serial number of questions should be 1 to 16 i.e. 1 to 8 (PART A) COMPULSORY and 9 to 16 (PART B).
7. All main questions carry equal marks.
8. There should not be any blood relatives studying at the moment of paper setting AY.
9. Declaration should be given by the paper setter regarding Confidentiality and Secrecy promise through same e- mail.
10. Feel free to contact CE for any clarifications from mob.09704034229 or email-[ce@riper.ac.in](mailto:ce@riper.ac.in) or [srinathses@gmail.com](mailto:srinathses@gmail.com)

**NOTE:** Rs.400 /paper as remuneration will be sent by cheque after completion of exam to your official postal address at the earliest after recpt.

1. Please provide your NAME as mentioned in Bank pass book.
2. Account no., Bank name, branch and IFSC code etc.



Principal  
Srikrishna Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

COURSE CODE: -BP 401T

AR-17

B. Pharmacy II Year 2 Semester (AR-17) Regular Examinations APRIL – 2019

**Name of the Subject: Pharmaceutical Microbiology**

Time: - 3 Hours

Max. Marks: 75 M

**PART – I (Objective Type Questions)**

**Answer all the following questions**

(10 x 2 = 20 M)

1. Write contributions of Robert Koch?
2. Name different types of Preservative methods of pure cultures?
3. Describe Gaseous sterilization?
4. List out equipments employed in large scale sterilization process?
5. Explain cultivation of Viruses?
6. Define Antiseptics with examples?
7. Give a note on Laminar Air Flow Chamber?
8. Enumerate assessment tests available for new antibiotic?
9. Write about transformed Cell cultures?
10. How can you evaluate microbial stability of Formulations?

**PART – II (Long Answer Questions)**

**Answer any TWO Out of THREE**

(2 x 10 = 20 M)

11. What are the quantitative parameters used for measurement of Bacterial growth?  
Explain in detail.
12. Define Staining and explain different staining methods used for Identification of Bacteria.
13. Explain the methods used for Sterility testing of products according to IP?

**PART – III (Short Answer Questions)**

**Answer any SEVEN Out of NINE**

(7 x 5 = 35M)

14. Describe Cultivation methods for anaerobic bacteria?
15. Give a brief account of evaluation methods for Sterilization process?
16. Write mode of action, merits and demerits of Disinfectants?
17. Explain about Standardization of Vitamins?
18. What are the preventive measures used to avoid contamination in aseptic area?
19. Elaborate principle and methods of microbiological assay of Antibiotics?
20. Explain applications of Cell culture in pharmaceutical industry and research?
21. Give a note on preservation of pharmaceutical products using Antimicrobial agents?
22. State different types of Microbial contaminants?

-----xxxxx-----



Principal

Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

----- Forwarded message -----

From: <[ce@riper.ac.in](mailto:ce@riper.ac.in)>

Date: Mon, Apr 1, 2019 at 1:17 PM

Subject: Appmnt-order-B.Pharm.2-2- Pharmacology-I

To: <[sumacology@gmail.com](mailto:sumacology@gmail.com)>

Cc: <[srinathses@gmail.com](mailto:srinathses@gmail.com)>

CONFIDENTIAL / IMMEDIATE ACTION PLEASE

Dr. Srinath B

Associate Professor & Controller of Examinations,  
RIPER (Autonomous), Anantapuramu

Ref.No.RIPER/ Exams/B.Pharm year II- Sem 2 /2018 -19 .Dtd.01-04-2019

To,

Dr. G.Sumalatha,  
Prof.& VP,  
VIKAS COPS,  
Rajahmundry

Warm greetings from RIPER (Autonomous)-Examination Branch.  
I have by direction, the honour to inform you that you have been  
appointed as Question paper setter for theory examination for the  
following subject(s).

Program: B.Pharm- Year II SEM 2 Regular examinations,APRIL-2019  
Course Name (Subject): Pharmacology-I



**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.



## SHORT TERM TRAINING PROGRAMME (STTP)

Theme: Application of QbD and other Computational Tools in Pharmaceutical Product Development: Current Trends and Future Prospective



Organized by  
Annamacharya College of Pharmacy  
New Boyanapalli, Rajampet-516126, A.P.

Sponsored by  
All India Council for Technical Education  
Nelson Mandela Marg, VasantKunj, New Delhi-110070

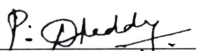
# CERTIFICATE OF PARTICIPATION


This is to certify that

**Ramya. K**

Assistant Professor, Vikas Institute of Pharmaceutical Sciences

has attended and participated in  
AICTE sponsored Six days Short Term Training Programme (STTP) - Phase - 4  
on the theme "Application of QbD and other Computational Tools in Pharmaceutical Product  
Development: Current Trends and Future Prospective"  
conducted from 30<sup>th</sup> August to 4<sup>th</sup> September 2021.

  
Dr. P. Dwarkanadha Reddy  
Coordinator

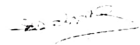
  
Dr. D. Swarnalatha  
Convener



Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.



This is to certify that  
Dr. SUMALATHA GINDI  
of  
VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES, Andhra Pradesh  
has undergone Innovation Ambassador training (Advanced Level)  
conducted by MoE's Innovation Cell & AICTE during the period from  
30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

  
Prof. Anil D. Sahasrabudhe  
Chairman, AICTE

  
Dr. Abhay Jere  
CIO, MoE's, Innovation Cell

  
Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Date of Issue: 30-07-2021

E-certificate No : 2655



This is to certify that  
Vasubabu Padarathi  
of  
VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES, Andhra Pradesh  
has undergone Innovation Ambassador training (Foundation Level)  
conducted by MoE's Innovation Cell & AICTE during the period from  
30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

Prof. Anil D. Sahasrabudhe  
Chairman, AICTE

Dr. Abhay Jere  
CIO, MoE's, Innovation Cell

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Date of Issue: 30-07-2021

E-certificate No : 6915



This is to certify that

ANUPAMA D

of

VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES , Andhra Pradesh

has undergone Innovation Ambassador training (Foundation Level)  
conducted by MoE's Innovation Cell & AICTE during the period from  
30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

Prof. Anil D. Sahasrabudhe  
Chairman, AICTE

Dr. Abhay Jere  
CIO, MoE's, Innovation Cell

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Date of Issue: 30-07-2021

E-certificate No : 6913



This is to certify that

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of

VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES , Andhra Pradesh

has undergone Innovation Ambassador training (Foundation Level)  
conducted by MoE's Innovation Cell & AICTE during the period from  
30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

Prof. Anil D. Sahasrabudhe  
Chairman, AICTE

Dr. Abhay Jere  
CIO, MoE's, Innovation Cell

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Date of Issue: 30-07-2021

E-certificate No : 6916



No:ATAL/2021/1623161595



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**AICTE Training And Learning (ATAL) Academy**

**Certificate**

This is certified that RAMYA K, Assistant Professor of VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "NANO FURTHERANCE OF PHARMACEUTICAL ENGINEERING: AN INDUSTRIAL PERCEIVE" from 2021-06-21 to 2021-06-25 at Nirmala College of Pharmacy.

Director ATAL Academies



Principal

Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 003

Coordinator



COLLEGIATE EDUCATION  
& TECHNICAL EDUCATION  
DEPARTMENT  
GOVT. OF TELANGANA

Sl.No. : 3780/2021

## Transformation Through NAAC Accreditation Process A National Level Workshop for Higher Educational Institutions

# CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr./Mr./Ms. **Dr.G.SUMALATHA, PROFESSOR & VICE PRICIPAL, PHARMACOLOGY, VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES** has participated in the two day online workshop "**Transformation Through NAAC Accreditation Process, A National Level Workshop for Higher Educational Institutions**" held on 21st & 22nd June 2021 conducted by "Institute for Academic Excellence, Hyderabad" in collaboration with "Collegiate Education & Technical Education Department, Telangana State.

**DIRECTOR**

Institute for Academic Excellence, Hyderabad

**Principal**

**Vikas Institute of Pharmaceutical Sciences**

**Rajahmundry-533 102**

**COMMISSIONER**

Collegiate Education & Technical Education Department,  
Telangana State



COLLEGIATE EDUCATION  
& TECHNICAL EDUCATION  
DEPARTMENT  
GOVT. OF TELANGANA

SI.No. : 3776/2021

## Transformation Through NAAC Accreditation Process A National Level Workshop for Higher Educational Institutions

# CERTIFICATE — OF PARTICIPATION —

This is to certify that Prof./Dr./Mr./Ms. **Dr.D.SRINIVASA SASTRY, ASSOCIATE PROFESSOR, PHARMACEUTICS, VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES** has participated in the two day online workshop "**Transformation Through NAAC Accreditation Process, A National Level Workshop for Higher Educational Institutions**" held on 21st & 22nd June 2021 conducted by "Institute for Academic Excellence, Hyderabad" in collaboration with "Collegiate Education & Technical Education Department, Telangana State.

DIRECTOR

Institute for Academic Excellence, Hyderabad

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

COMMISSIONER

Collegiate Education & Technical Education Department,  
Telangana State

SI.No. : 3777/2021



COLLEGIATE EDUCATION  
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GOVT. OF TELANGANA

Transformation Through NAAC Accreditation Process  
A National Level Workshop for Higher Educational Institutions

**CERTIFICATE**  
OF PARTICIPATION

This is to certify that Prof./Dr./Mr./Ms. **Dr.D.SRILAKSHMI, ASSOCIATE PROFESSOR, PHARMACEUTICAL CHEMISTRY, VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES** has participated in the two day online workshop "**Transformation Through NAAC Accreditation Process, A National Level Workshop for Higher Educational Institutions**" held on 21st & 22nd June 2021 conducted by "Institute for Academic Excellence, Hyderabad" in collaboration with "Collegiate Education & Technical Education Department, Telangana State.

**DIRECTOR**

Institute for Academic Excellence, Hyderabad

**Principal**

**Vikas Institute of Pharmaceutical Sciences**

**Rajahmundry-533 102.**

**COMMISSIONER**

Collegiate Education & Technical Education Department,  
Telangana State

SI.No. : 3779/2021



COLLEGIATE EDUCATION  
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DEPARTMENT  
GOVT. OF TELANGANA

# Transformation Through NAAC Accreditation Process

A National Level Workshop for Higher Educational Institutions

## CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr./Mr./Ms. **D.ANUPAMA, ASSOCIATE PROFESSOR, PHARMACOLOGY, VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES** has participated in the two day online workshop "**Transformation Through NAAC Accreditation Process, A National Level Workshop for Higher Educational Institutions**" held on 21st & 22nd June 2021 conducted by "Institute for Academic Excellence, Hyderabad" in collaboration with "Collegiate Education & Technical Education Department, Telangana State.

DIRECTOR

Institute for Academic Excellence, Hyderabad

Principal

Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533102

COMMISSIONER

Collegiate Education & Technical Education Department,  
Telangana State



# KRISHNA TEJA PHARMACY COLLEGE

Managed by CVS Krishna Murthy Charities  
Approved by AICTE & PCI, Affiliated to by JNTUA, Accredited by NAAC  
Chadalawada Nagar, Tirupati - 517 506.

## Certificate of Participation

KTPC/0292

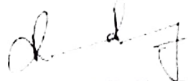
This is to Certify that

**RAMYA. K**

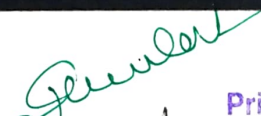
of Vikas institute of pharmaceutical sciences,  
andhra pradesh

has actively participated in Three Day FDP  
Organized by Krishna Teja Pharmacy College  
from 15<sup>th</sup> - 17<sup>th</sup> June 2021.

**Three Day Faculty Development Programme (FDP)  
On  
QbD In Formulation Development & IPR - overview  
Date: 15-06-2021 To 17-06-2021**

  
Dr. Ramesh Reddy K  
Convener

  
Dr. V. Jaya Sankar Reddy  
Org. Secretary

  
Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajamundry-533 102  
Principal



No: ATAL/2020/1607769799



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Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training And Learning (ATAL) Academy**

**Certificate**

This is certified that **GINDI SUMALATHA**, Professor of **VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "**Team-building and Coordination**" from 2021-2-15 to 2021-2-19 at **GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT -GITAM**.

Director ATAL Academies



Coordinator

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry - 533 102.



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INNOVATION CELL  
(GOVERNMENT OF INDIA)



INSTITUTION'S  
INNOVATION  
COUNCIL  
Ministry of Education Instrument



This is to certify that

**Dr. SUMALATHA GINDI**

of

**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES, Andhra Pradesh**

has successfully completed Innovation Ambassador Training conducted by  
MoE's Innovation Cell & AICTE, New Delhi.

**Prof. Anil D. Sahasrabudhe**  
Chairman, AICTE

**Dr. Abhay Jere**  
CIO, MoE's, Innovation Cell

**Principal**  
Vikas Institute of Pharmaceutical Science  
Rajahmundry-533 102.

Certificate No : 2655

Validity: For IIC 3.0 Calendar Year

Date of Issue: 16-02-2021



This is to certify that

Dr D Sri Lakshmi

of

VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES, Andhra Pradesh

has successfully completed Innovation Ambassador Training conducted by  
MoE's Innovation Cell & AICTE, New Delhi.

Prof. Anil D. Sahasrabudhe  
Chairman, AICTE

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Dr. Abhay Jere  
CIO, MoE's, Innovation Cell

Certificate No : 1626

Validity: For IIC 3.0 Calendar Year

Date of Issue: 16-02-2021

No:ATAL/2020/1606210729



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training And Learning (ATAL) Academy

#### Certificate

This is certified that **GINDI SUMALATHA**, Professor of **VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Productivity enhancement" from 2020-12-14 to 2020-12-18 at Smt.Kishoritai Bhojar College of Pharmacy.

Director ATAL Academies



Coordinator

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-522 102.

## Kalam Program for IP Literacy and Awareness

कलाम बौद्धिक संपदा शिक्षा एवं जागरूकता अभियान

National Intellectual Property Literacy Week

15th - 23rd October, 2020

## Certificate of Completion

This is to certify that  
Dr Sumalatha Gindi, from

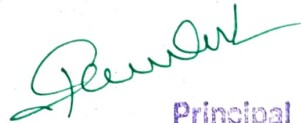
Vikas Institute of Pharmaceutical Sciences

has attended National IP Literacy Week

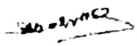
Organised under Kalam Program for IP Literacy and Awareness

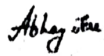
and Successfully Passed the Assesments for Sessions held from


15<sup>th</sup> to 23<sup>rd</sup> October 2020



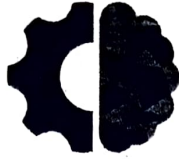
Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

  
Prof. Anil D. Sahasrabudhe  
Chairman, AICTE  
Ministry of Education  
Govt. of India

  
Dr. Abhay Jere  
CIO, MIC  
Ministry of Education  
Govt. of India

  
Dr. Mohit Gambhir  
Innovation Director, MIC  
Ministry of Education  
Govt. of India

  
Dr. K. Elangovan  
Assistant Innovation Director, MIC  
Ministry of Education  
Govt. of India



MoE's  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



# National Innovation and Startup Policy (NISP)

## Certificate

This is to certify that

Gindi Sumalatha, from

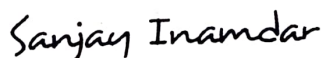
Vikas Institute Of Pharmaceutical Sciences

has attended online training sessions  
'Orientation and Adoption of NISP at HEI level' &  
'Policy Implementation Strategy and Progress  
Monitoring at HEI level'

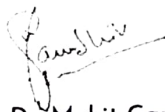
  
Principal

Vikas Institute of Pharmaceutical Sciences  
Rajamundry-533 102.

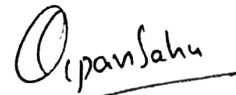
7 August & 21 August 2020, Duration: 4 Hours



Sh. Sanjay Inamdar  
Chairman, AICTE Startup Policy  
Implementation Committee



Dr. Mohit Gambhir  
Innovation Director  
MoE's Innovation Cell



Sh. Dipan Sahu  
Asst. Innovation Director  
MoE's Innovation Cell



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of HRD Initiative)



**MHRD'S  
INNOVATION CELL**  
(GOVERNMENT OF INDIA)

*This is to certify that*

*Dr./Mr./Ms. Dr. SUMALATHA GINDI*

*of*

*VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES*

*has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.*

*Dipan Sahu*

Shri. Dipan Sahu  
National Coordinator, IIC  
MHRDs Innovation Cell

*Mohit Gambhir*

Dr. Mohit Gambhir  
Innovation Director  
MHRDs Innovation Cell

*Abhay Jere*

Dr. Abhay Jere  
Chief Innovation Officer  
MHRDs Innovation Cell

Certificate no : 25999  
Date : 2020-07-07

*Sumalatha Gindi*

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.



Scan to verify

*\*The e-Sessions attended by the participant is listed in Annexure*



**INSTITUTION'S  
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(Ministry of HRD Initiative)



**MHRD'S  
INNOVATION CELL**  
(GOVERNMENT OF INDIA)

## Annexure

### List of e-Sessions Attended by the Participants as below

- 1 - Session 1: National Innovation and Startup Policy for Students and Faculty 2019 - A Guiding Framework for HEIs for Implementation
- 2 - Session 2: Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage
- 3 - Session 4: Role of Network Enablers in driving I&E in HEIs - A Case of TiE, India
- 4 - Session 5: Hangout with Successful Startup Founder
- 5 - Session 6: Entrepreneurship, Business Idea and Business Model Canavas
- 6 - Session 7: How to Ideintify Right Problem and Solution using the Double Diamond Approach in Design
- 7 - Session 8: Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups
- 8 - Session 9: Understanding Angel and Venture Capital Funding - What is there for Early Stage innovator & Entrepreneurs
- 9 - Session 10: Legal and Ethical Steps - Productive Entrepreneurship and Startup
- 10 - Session 11: Innovating Self- Screen and Identify right opportunities
- 11 - Session 12: Understanding Role and Application of Marketing Research at Idea to Start up Stage - Foundation Level
- 12 - Session 13: Innovation Risk Diagnostic æ" Product Innovation Rubric(PIR)
- 13 - Session 14: Idea, Entrepreneurship Opportunities, Business Model and Business Plan
- 14 - Session 15: Use of Market Data and Application of Marketing Research Tools and Methodology - Increasing Chances of Survivality of Innovation and Venture - Advance Level
- 15 - Session 16: Frugal Innovations and Social Entrepreneurship
- 16 - Session 17: Interaction with Student Innovators and Entrepreneurs Emerged from Smart India Hackathon (SIH)

Total no of sessions attended: 16

Certificate no : 25999  
Date : 2020-07-07

  
Shri. Dipan Sahu  
National Coordinator, IIC  
MHRD's Innovation Cell



Scan to verify



Principal

Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

भारत सरकार  
Government of India

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Ministry of Environment, Forest and Climate Change

पशुओं पर परिक्षण के नियंत्रण एवं पर्यवेक्षण के प्रयोजनार्थ समिति (सीपीसीएसईए)  
Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)



प्रमाणपत्र  
CERTIFICATE

प्रमाणित किया जाता है कि

डॉ. गिंडी सुमालता

ने पशुओं पर परीक्षण के नियंत्रण एवं पर्यवेक्षण के प्रयोजनार्थ समिति (सीपीसीएसईए) के प्रत्याशियों के लिए आयोजित दो दिवसीय प्रशिक्षण में 06.12.2017 से 07.12.2017 तक भाग लिया।

This is to certify that

Dr. Gindi Sumalatha

has participated in the "Two days training programmes for Nominees of CPCSEA" organized by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) conducted from 06.12.2017 to 07.12.2017

  
Principal

Vikas Institute of Pharmaceutical Sciences

Rajahmundry-533 102

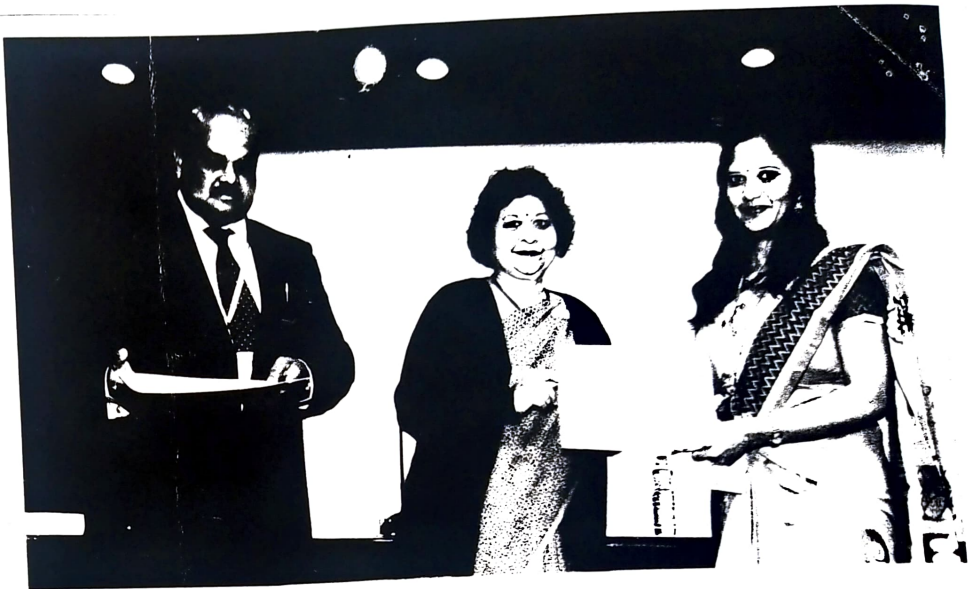
  
S. Gowri Shankar

Member Secretary (CPCSEA)

Ministry of Environment, Forest & Climate Change,

सदस्य सचिव, सीपीसीएसईए

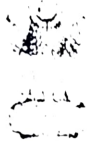
Ministry Road, New Delhi



*Certificate distribution of "Two days training programme for Nominees of CPCSEA"  
from 6 to 7<sup>th</sup> Dec. ,2017 at Ganga Auditorium, Indira Paryavaran Bhawan, New Delhi.*



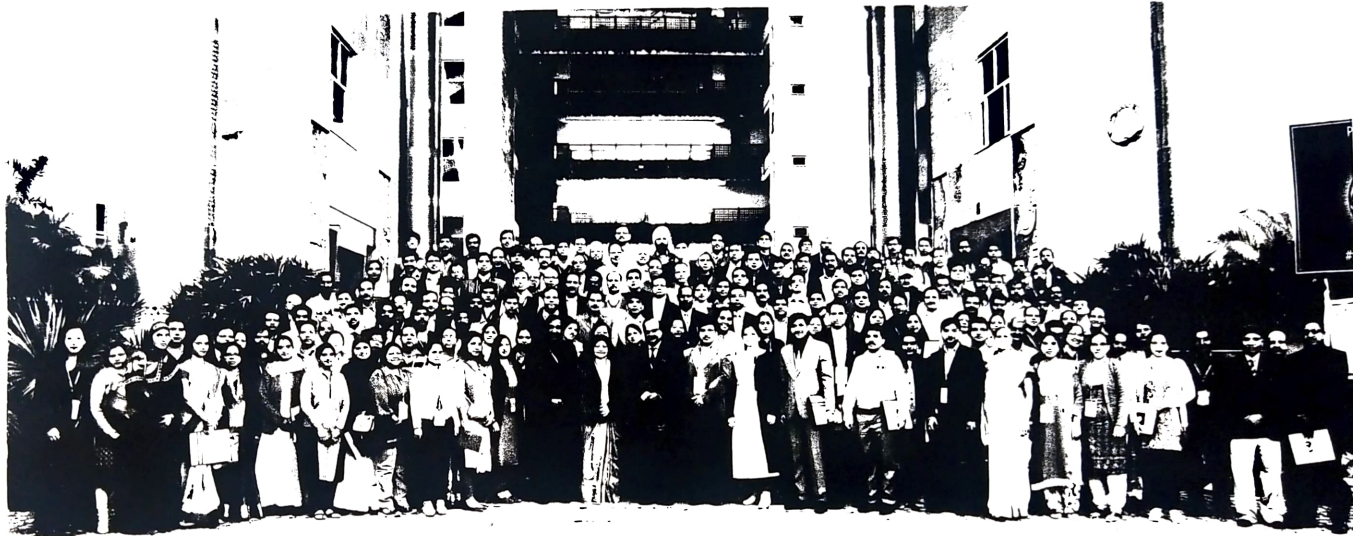
**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102,



Government of India  
Ministry of Environment, Forest and Climate Change  
Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)



*"Two days training programme for Nominees of CPCSEA"*  
6 to 7<sup>th</sup> Dec. ,2017 at Ganga Auditorium, Indira Paryavaran Bhawan, New Delhi



Principal  
Vikas Institute of Pharmaceutical Science,  
Rajahmundry-533 102.

भारत सरकार  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
पशु कल्याण प्रभाग  
पशुओं पर परीक्षण के नियंत्रण एवं पर्यवेक्षण के प्रयोजनार्थ समिति (सीपीसीएसईए)  
Government of India  
Ministry of Environment, Forest and Climate Change  
Animal Welfare Division  
Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)



F. No. 25/8/2017-CPCSEA  
2<sup>nd</sup> February, 2018

To

Dr. Gindi Sumalatha,  
Vikas Institute of Pharmaceutical Sciences,  
Nidigatla Village, Korukonda Mandal, Near Airport,  
Rajahmundry, Andhra Pradesh - 533102  
Mobile: 9885098047, E-mail: [sumacology@gmail.com](mailto:sumacology@gmail.com)

Subject: - Selection as Nominee of CPCSEA – regarding

Madam,

With reference to your application for Nominee of CPCSEA and successful completion of training at Indira Paryavaran Bhawan, New Delhi from 6<sup>th</sup> to 7<sup>th</sup> December, 2017, you are hereby informed that you have been selected as a Nominee of CPCSEA, till further orders. The term of the nominee is contingent upon satisfactory performance as a Nominee of the CPCSEA.

2. You will be nominated in the IAECs of various establishments, in due course, as and when, IAEC of establishments is formed. The Main Nominee of the concerned establishment is required to ensure conduct of the IAEC meetings as stipulated in the SOP of CPCSEA and to furnish the Annual Inspection Report of the Animal House Facility regularly to the O/o CPCSEA. In addition, the Nominees will also be nominated to conduct the inspections of the Animal House Facilities. The inspection reports will be submitted by the Nominees to CPCSEA. The Nominee of the establishment is required to submit the Inspection Reports / Annual Inspection Reports of both the facilities (Small and Large) where there is more than one Animal House Facility i.e. Small and Large.

3. Further, it is to inform you that the website of CPCSEA (<http://cpcsea.nic.in>) has been launched and the online processes of New Registration, Renewal of registration, Reconstitution of IAECs, Revision of IAECs, submission of minutes of IAEC meeting, submission of Research Protocols on Large Animals and submission of Annual Inspection Reports by the concerned nominee(s) of the establishment has been made effective on the website of the CPCSEA.

4. Nominees are requested to visit their online panel on the website of CPCSEA to fill up the Inspection Reports / Annual Inspection Report of the Animal House Facility (s) of all the establishments allotted at the earliest. Annual statement of large animals use will also be uploaded by the Nominee. Your login ID and Password are as: login ID: [sumacology@gmail.com](mailto:sumacology@gmail.com) and password: **Admin@123**. You can change the password to make it secure.

5. *You are requested to adhere to the guidelines of CPCSEA and ensure constructive role of a CPCSEA nominee in the IAECs where you will be nominated by CPCSEA.*

Principal

Vikas Institute of Pharmaceutical Sciences

Rajahmundry-533102 Gouri Shankar)

Deputy Secretary (AW), Member Secretary (CPCSEA) &  
Director NIAW

5वां तल, वायु ब्लॉक, इंदिरा पर्यावरण भवन, जोर बाग रोड, नई दिल्ली-110003

दूरभाष : 011-24695231, टेलीफेक्स : 011-24695424 ईमेल : [cpcsea-mef@gov.in](mailto:cpcsea-mef@gov.in), वेबसाईट : <http://cpcsea.nic.in>

# ROLE AND RESPONSIBILITIES OF NOMINEES OF CPCSEA

## PART A

### DOs AND DON'Ts FOR NOMINEES

The primary responsibility of a person who has been nominated to represent the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) on an Institutional Animal Ethics Committee (IAEC) is the well being and welfare of the animals housed or kept for experiments / breeding. With this in mind, the nominee should be familiar with the rules governing housing, experiments and after care of the animals. It is also imperative that the nominee upholds the dignity of the CPCSEA at all times.

1. Ensure that meeting notices and associated papers sent by the Institution on which IAEC the nominee is a member are carefully read and understood. All Institutions are requested that papers should be sent to IAEC members before 20-30 days (depending on bulk) to allow reasonable time for the concerned to go through the papers and make suggestions/ recommendations at the meeting.  
Go through the protocol of the experiment/ proposals and if in doubt regarding the justification for the experiment and whether it could be carried out using smaller or a lesser number of animals, please raise the issue in IAEC meeting and clarify. Any protocol which uses animals other than guinea pigs, rabbits, rats, mice, hamsters and invertebrate animals should be first cleared by the IAEC and then sent to CPCSEA for clearance.
2. During the meeting,
  - a) The nominee should be polite, yet ensure that the points raised are taken note of.
  - b) Do not allow yourself to be intimidated by the others.
  - c) Ask for clarifications to make an informed decision on points discussed.
3. In the best interests of animals it is important that the nominee secures the co-operation of the other members of the IAEC by persuasion, rather than by confrontation. To do this, it would be helpful for the nominee to collect as much information as possible on the subject and familiarize himself herself with the kind of experiments being carried out at the laboratory – for example, if regulatory law for a chemical requires its mandatory testing on six animals, it is futile for the nominee to argue that four would be sufficient.
4. Since feeding and watering of the animals must be provided for during non-working hours as well as on holidays, the nominees should check the animal houses at such times whenever possible. No prior intimation is required as per rules (PCA Act, 1960).

### WHAT TO LOOK FOR IN ANIMAL HOUSES

An animal which grows and behaves normally and is free of disease is usually considered to be in a state of "Well Being". All aspects of Animal care should be directed towards the achievement and preservation of this state.

- A. Housing : Location and space requirement, type of cages, material, environment.
- B. Feed : Feeding Schedule, type of diet.
- C. Water : Clean sterile water, type of bottle, nozzle.
- D. Exercise : Inside the cage if it is large enough –otherwise in open space, especially for large animals.
- E. Health : Diseases, health checkup records
- F. Handling : Whether personnel are trained?
- G. Companionship : Do they provide companionship of compatible members of the same species? Solitary confinement is not recommended except in specific cases.



## PART B

### EQUIP YOURSELF

As a nominee of the CPCSEA it is important that you believe in yourself, be proud to serve this noble cause and develop the confidence to do so. In 'Equip Yourself' the norms of the CPCSEA and finer details of animal experimentation which need to be adhered to by the Institute / Establishment is spelt out in three parts – (1) Documentation (2) Status of Animal House (3) Useful hints for an IAEC meeting.

#### 1. DOCUMENTATION

1. Ensure that all ongoing projects and projects to be implemented have been represented and documented in 'Form B' ('Form B' comprises of Para A; Part B for experiments using animals other than non-human primates and Part C for experiments using non-human primates).
2. Ensure that the 'Form B' is duly filled, all details provided and carries the signature of the investigator with date.
3. Only projects that involve small laboratory bred animals (i.e. guinea-pigs, rabbits, rats, mice and hamsters etc.) come under the purview of the IAEC. All other projects (involving large animals) shall be sent to CPCSEA for further scrutiny after approval of IAEC.
4. Carefully scrutinize and study the filled in 'Form B'. Be specially attentive to details regarding –
  - i. Number of animals used.
  - ii. Species used, breed in case of dogs and genus in case of primates.
  - iii. Whether contract/collaborative research.
  - iv. Who is the funding agency.
  - v. Substance tested.
  - vi. Name of client for whom the test/ experiment is being conducted.
  - vii. Method of euthanasia (Annexure 1)
  - viii. Scrutinize 'Form C' – Check for any discrepancies regarding number of animals declared and number of animals in the animal house. Do a physical count.
  - ix. Scrutinize 'Form D' – check for any discrepancies. Cross check with other available documents such as animal house records.
  - x. If animals are not sacrificed after the experiment, what happens to them? Will rehabilitation necessary?

In case of Breeder:

1. Scrutinize documents – i.e., 'Form A' and 'Form C' ('Form B' and 'Form D' are not applicable)



**Principal**  
**Vikas Institute of Pharmaceutical Sciences**  
**Rajahmundry-533 102.**

## 2. STATUS OF ANIMAL HOUSE

On visiting the animal house ensure that experimental animals are treated well and attended more often than non-experimental animals. Hence as a CPCSEA nominee, you may rescue the animals or relieve their trauma.

Inspect ensure for the following:

1. Animals should be located in a quiet atmosphere, undisturbed by traffic.
2. Premises should be kept tidy and hygienic conditions to be maintained.
3. Animals should be protected from drought and extremes of weather and suitable bedding provided.
4. Animal cages for small animals and stables for large animals should be in such a way that the animal lives in comfort and overcrowding is avoided.
5. Enrichment of environment and provision for socializing.
6. Method of housing – ensure excreta of one cage does not enter other cages.
7. Animal attendants should be suitably trained and experienced in handling animals.
8. Arrangements for feeding and care of animals are made for holidays/weekends/emergencies.
9. Only trained persons should be allowed to carry out the experiments.

## 3. USEFUL HINTS FOR AN IAEC MEETING

1. Ensure that a study requires the use of animals. Mandatory use of animals arises in the case of regulatory testing of pharmaceuticals, cosmetics and immuno- biologicals.
2. If alternatives are available in the case of fundamental/ basic research, it may be emphasized to follow. Check whether the study is repetitive.
3. See if the number of animals used be reduced.

## PART C

### EUTHANASIA METHODS NOT ACCEPTABLE FOR ANY SPECIES OF ANIMALS.

#### a) PHYSICAL METHODS

- i) Decompression
- ii) Stunning

#### b) INHALATION OF GASES

- i) Nitrogen Flushing
- ii) Argon Flushing

#### c) DRUG ADMINISTRATION

- i) Curariform drugs
- ii) Nicotine Sulphate
- iii) Magnesium Sulphate
- iv) Potassium Chloride
- v) Strychnine
- vi) Paraquat
- vii) Dichlorvos
- viii) Air embolism

It is strongly recommended that an over dose of Thiopentone Sodium be used for euthanasia of all species, except under very exceptional cases.

## PART D

### ROLE OF NOMINEE

- 1) Nominee should be familiar with the CPCSEA guidelines, the concept of 4Rs and other animal welfare issues. He/She must keep liaison with CPCSEA and also browse the MoEF website for any update of information or draft guidelines or rules and regulation, placed for comment. He/She should be familiar with animal experimentation procedures, husbandry conditions, supplies, humane way of dealing with animals, handling procedures etc and other requirements as published in the CPCSEA/INSA guidelines. He/she must learn/be familiar with alternatives, reduction and refinement procedure available in biomedical research studies/programmes.
- 2) Nominee attached to educational institution should be through with the syllabus prescribed by the University/college for a particular course. Nominee attached with research institutions should learn about the overall goal/mandate of the institute and keep himself/herself abreast with the current and past work done by the institute in animal studies and thus be able to link the new studies proposed. Nominees attached with institutions undertaking regulatory toxicology work should read and be familiar with various guidelines for registration of products such a pesticide, drugs and pharmacology, biotechnology etc. For any clarifications on the protocols, methods, either they should see more details with the investigator when the agenda is circulated or seek comments from CPCSEA.
- 3) Nominee must read the proposal attached with Agenda thoroughly and come prepared to attend the IAEC meeting. He/she should aim for humane/ethical issues related to experiments, avoidance of repetitions of animal studies, numbers of animals used and possible reduction without losing scientific conclusions etc.
- 4) Nominee should not to indulge in arguments and heated debate but understand the merit of a study based on above principles.
- 5) Nominee is expected to sign the necessary forms of each protocol and maintain a copy list in his/her records.
- 6) In case of proposals dealing with large animal, nominees should note that IAEC is only a recommending authority for such studies. Nominee should ascertain the capability of institution to perform studies on large animals and make sure his/her recommendations find place in the minutes attached to CPCSEA.
- 7) If meetings are not held for 6 months in a row because of lack of projects or due to other reasons, nominee should notify to CPCSEA about "no meetings" after confirmation/verification with the organization.
- 8) Nominee should visit animal house at least once in a calendar year to look at the well being and maintenance of animal and relevant record books and submit the annual report in the prescribed annual report format to CPCSEA office within a month from the date of inspection.
- 9) The nominee would be paid sitting fee and reimbursement of travel expenditure by the establishment / institute as determined by CPCSEA, from time to time.

What are the things a Nominee is not supposed to do

1. Nominee should not decide the merit and demerit of any specific research but he should ensure the experiments are performed in humane manner with minimum suffering to animals and minimum possible use of animals. [Note: Subject Experts in funding agencies decide the merit of research].
2. Nominee is not allowed to print visiting cards, letter heads with his/her name with Government of India official seal as IAEC nominee.
3. Nominee is not permitted to make any campaign/publicity about his/her role and solicit any sponsorship from any organization falling under his/her jurisdiction.
4. Nominee should not sign the minutes of the meeting/Forms/Register without attending the meeting in person.
5. Nominees should not allow any tele/audio conference with a non-participating member during the IAEC meeting.
6. Nominee should not allow any outside member to attend the IAEC meeting.
7. The nominees must keep themselves away from the media and press and will not disclose the confidential information related to the institution they are attached with or the CPCSEA.
8. Although all the nominees are very accomplished and dignified, Nominees are requested to abstain from entertaining any kind of favour in cash or kind other than sitting fee. Institutions have right to complain against a nominee, if the nominee exceeds his/her limit considering himself/herself as authority of licensing or passing any inspection etc. Since several nominees also belong to some research institution, they may appreciate this clarity of communication.
9. It is responsibility of the nominee to be truthful in evaluation and reporting and he/she should not challenge or threat any organization. In Nutshell, a nominee should feel graceful in having recognised by CPCSEA as a responsible person to guide and upgrade quality of researchers and institutions and he should not feel that he is empowered by CPCSEA to take actions or decisions. His role is to report the discrepancy, if any, to CPCSEA.



Principal  
Vikas Institute of Pharmaceutical Science  
Rajahmundry-533 102.



Sl. No. 008510

हैदराबाद विश्वविद्यालय



**UNIVERSITY OF HYDERABAD**

(Central University Established by an Act of Parliament in 1974)

**CENTRE FOR DISTANCE AND VIRTUAL LEARNING**

P.O. CENTRAL UNIVERSITY, HYDERABAD - 500 001

PROVISIONAL CERTIFICATE CUM CONSOLIDATED STATEMENT OF MARKS

Student Enrolment Number: 17QM01834-16

This is to certify that RAMYA K Daughter of K B PRATAP has been declared qualified for the award of Post Graduate Diploma in Chemical Analysis and Quality Management ( PGCAQM ) after having passed the prescribed courses as follows:

Course Number	Title of the Course	Assignments & Contact (40 Marks)	End - term Exam. (60 Marks)	Marks Obtained (out of 100)	Month & Year of Passing
<b>I - TERM</b>					
AQM411	Basics of Analytical Science & Electronics	40	46	86	May 2017
AQM412	Instrumental Methods - I	39	47	86	May 2017
AQM413	Instrumental Methods - II	39	49	88	May 2017
<b>II - TERM</b>					
AQM421	Instrumental Methods - III	38	45	83	May 2017
AQM422	Quality Control and Quality Management	34	41	75	May 2017
AQM423	Laboratory Practice/Workshop	35	33	68	May 2017

Grand Total 486

Total Marks Obtained:

(In words-- FOUR \* EIGHT \* SIX --)

Division : Distinction

Result Declared on 25/10/2017

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.



Date 01/01/2018  
Hyderabad

M. Poenelle  
Assistant Registrar (Exams)

Director



IPC

# ATTENDANCE CERTIFICATE



**We hereby certify that**

*Ms. Gindi Sumalatha*

(Regd. No. - SDP/2017/July-48)

Has successfully completed 10 days Skill Development Programme on  
"Basics and Regulatory Aspects of Pharmacovigilance : Striving for Excellence"  
from 03rd-12th July 2017

*Organized by*

**Pharmacovigilance Programme of India (PvPI)**

Indian Pharmacopoeia Commission

Ministry of Health & Family Welfare, Govt. of India

**Dr. V. KALAISELVAN**  
Principal Scientific Officer  
Indian Pharmacopoeia Commission

**Dr. G. N. Singh**  
Drugs Controller General (India)  
Central Drugs Standard Control Organization

**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Hosted by



Government of  
Andhra Pradesh



LEGISLATIVE ASSEMBLY  
ANDHRA PRADESH

Organizes



नारी कल्याण-कारिणी।।

**NATIONAL  
WOMEN'S  
PARLIAMENT**

10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> February 2017

In association with

MIT-SOG MIT School of  
Government

First ever Leadership program  
for a career in Politics

## Certificate of participation

Presented to

*Dr. C. Sumalatha.*

for participating in the National Women's Parliament  
and being a part of the Network of All-round  
and Spirited Women of India

10-12, February, 2017

Pavitrasangamam, Amaravati,  
Andhra Pradesh, India

*Nara Chandrababu Naidu*  
Chief Patron  
Nara Chandrababu Naidu

*Principal*  
Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

*Dr. Kodela Siva Prasada Rao*  
Chairman  
Dr. Kodela Siva Prasada Rao  
Speaker  
Andhra Pradesh Legislative Assembly



**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES**  
**Near Airport, Nidigatla Road, Rajahmundry - 533102**  
(Approved by AICTE & PCI, New Delhi Affiliated to Andhra University, Vizag)



Date: 10-08-2021

**DEPUTATION LETTER**

I am hereby writing this letter to depute three of our teaching staff for II/IV B.Pharmacy (I semester) Theory paper evaluation in Andhra university campus. The list of staff members are furnished below.

S.No	Name of the staff	Designation
1	Mr.P.Vasubabu	Associate Professor
2	Mr.B.V.B.Balaji	Associate Professor
3	Mrs.D.Anupama	Assistant professor

**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Dr.T.V.NARAYANA  
PRINCIPAL

Dr. Y. RAJENDRA PRASAD  
M. Pharm., Ph.D.

PRINCIPAL & PROFESSOR  
A.U. College of Pharmaceutical Sciences  
Andhra University,  
Visakhapatnam – 530 003, A.P. INDIA.



Land line : +91 891 2844923.22.  
Fax : + 91 891 2525611 Attn. Pharmacy  
Mobile : + 91 94401 32537, +91 83280 08037  
E-mail: [aucpsprincipal@andhrauniversity.edu.in](mailto:aucpsprincipal@andhrauniversity.edu.in)  
[principalpeau@gmail.com](mailto:principalpeau@gmail.com).  
[dryrp\\_au@rediffmail.com](mailto:dryrp_au@rediffmail.com)

Visakhapatnam,  
Date:12-08-2021

### RELIEVING ORDER

This is to acknowledge that P.Vasubabu VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for II/IV B.Pharm I semester paper evaluation on 11-08-2021 to 12-8-2021 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. He is relieved from their duties in the evening of 12-08-2021.

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

PRINCIPAL  
A.U. College of Pharmaceutical Sciences  
Andhra University  
Visakhapatnam

Dr. Y. RAJENDRA PRASAD

M. Pharm., Ph.D.

PRINCIPAL & PROFESSOR

A.U. College of Pharmaceutical Sciences  
Andhra University,  
Visakhapatnam – 530 003, A.P. INDIA.



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Fax : + 91 891 2525611 Attn: Pharmacy

Mobile : + 91 94401 32537. +91 83280 08037

E-mail: [aucpsprincipal@andhrauniversity.edu.in](mailto:aucpsprincipal@andhrauniversity.edu.in)

[principalpcau@gmail.com](mailto:principalpcau@gmail.com).

[dryrp\\_au@rediffmail.com](mailto:dryrp_au@rediffmail.com)

Visakhapatnam,

Date:12-08-2021

### RELIEVING ORDER

This is to acknowledge that B.V.B.Balaji VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for II/IV B.Pharm I semester paper evaluation on 11-8-2021 to 12-8-2021 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. He is relieved from their duties in the evening of 12-08-2021.

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

PRINCIPAL

PRINCIPAL  
A.U. College of Pharmaceutical Sciences  
Visakhapatnam

Dr. Y. RAJENDRA PRASAD  
M. Pharm., Ph.D.

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[principalpcau@gmail.com](mailto:principalpcau@gmail.com).  
[dryrp\\_au@rediffmail.com](mailto:dryrp_au@rediffmail.com)

Visakhapatnam,  
Date:12-08-2021

**RELIEVING ORDER**

This is to acknowledge that D.Anupama VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for II/IV B.Pharm I semester paper evaluation on 11-08-21 to 12-08-2021 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. She is relieved from their duties in the evening of 12-08-2021.

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

PRINCIPAL

PRINCIPAL  
A.U. College of Pharmaceutical Sciences  
Visakhapatnam



**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES**  
**Near Airport, Nidigatla Road, Rajahmundry - 533102**  
(Approved by AICTE & PCI, New Delhi Affiliated to Andhra University, Vizag)



Date: 26-10-2020

**DEPUTATION LETTER**

I am hereby writing this letter to depute two of our teaching staff for III/IV B. Pharmacy (II semester) Theory paper evaluation in Andhra university campus. The list of staff members are furnished below.

S.No	Name of the staff	Designation
1	Dr.D.Sri Lakshmi	Associate
2	Mrs.P.Geetha Bhavani	Assistant Professor

**Principal**  
**Vikas Institute of Pharmaceutical Sciences**  
**Rajahmundry-533 102.**

**Dr.T.V.NARAYANA**  
**PRINCIPAL**

Dr. Y. RAJENDRA PRASAD  
M. Pharm., Ph.D.  
PRINCIPAL & PROFESSOR  
A.U. College of Pharmaceutical Sciences  
Andhra University,  
Visakhapatnam – 530 003, A.P. INDIA.



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E-mail: [auepsprincipal@andhrauniversity.edu.in](mailto:auepsprincipal@andhrauniversity.edu.in)  
[principalpcau@gmail.com](mailto:principalpcau@gmail.com).  
[drvvp\\_au@rediffmail.com](mailto:drvvp_au@rediffmail.com)

Visakhapatnam,  
Date: 28-10-2020

### RELIEVING ORDER

This is to acknowledge that Dr.D.Sri Lakshmi ,VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for III/IV B.Pharm II semester paper evaluation on 27-10-2020 to 28-10-2020 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. She is relieved from their duties in the evening of 28-10-2020.

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

PRINCIPAL

PRINCIPAL

A.U. College of Pharmaceutical Sciences

Visakhapatnam

28-10-2020

Dr. Y. RAJENDRA PRASAD  
M. Pharm., Ph.D.  
PRINCIPAL & PROFESSOR  
A.U. College of Pharmaceutical Sciences  
Andhra University,  
Visakhapatnam - 530 003, A.P. INDIA.



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E-mail: [aucpsprincipal@andhrauniversity.edu.in](mailto:aucpsprincipal@andhrauniversity.edu.in)  
[principalpeau@gmail.com](mailto:principalpeau@gmail.com)  
[drvyrp\\_au@rediffmail.com](mailto:drvyrp_au@rediffmail.com)

Visakhapatnam,

Date: 28-10-2020

### RELIEVING ORDER

This is to acknowledge that Ms.P.Geetha Bhavani VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for III/IV B.Pharm II semester paper evaluation on 27-10-20 to 28-10-20 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. She is relieved from their duties in the evening of 28-10-20.

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

PRINCIPAL

PRINCIPAL  
A.U. College of Pharmaceutical Sciences  
Rajahmundry  
533 102



**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES**  
**Near Airport, Nidigatla Road, Rajahmundry - 533102**  
(Approved by AICTE & PCI, New Delhi Affiliated to Andhra University, Vizag)



Date:04-02-2019

**DEPUTATION LETTER**

I am hereby writing this letter to depute two of our teaching staff for IV/IV B.Pharmacy (I semester) Theory paper evaluation in Andhra university campus. The list of staff members are furnished below.

S.No	Name of the Staff	Designation
1	Dr. B. Madhu Harika	Professor
2	E. Suresh Babu	Associate Professor

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Dr.T.V.NARAYANA  
PRINCIPAL

Prof. K. V. RAMANA MURTHY

M. Pharm., Ph.D.

PRINCIPAL & PROFESSOR

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[principalpcau@gmail.com](mailto:principalpcau@gmail.com).

[dryrp\\_au@rediffmail.com](mailto:dryrp_au@rediffmail.com)

Visakhapatnam

Date: 06-12-2019

### RELIEVING ORDER

This is to acknowledge that Dr. B.Madhu Harika VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for IV/IV B.Pharm I semester paper evaluation on 05-02-2019 to 06-02-2019 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. She is relieved from their duties in the evening of 06-02-2019.

Principal

Vikas Institute of Pharmaceutical Science,

Rajahmundry-533 102.

Prof. K. V. Ramana Murthy

PRINCIPAL

A.U. College of Pharmaceutical Sciences

Andhra University

VISAKHAPATNAM-530 003

Prof. K. V. RAMANA MURTHY  
M. Pharm., Ph.D.  
PRINCIPAL & PROFESSOR  
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[principalpcau@gmail.com](mailto:principalpcau@gmail.com),  
[drvyrp\\_au@rediffmail.com](mailto:drvyrp_au@rediffmail.com)

Visakhapatnam

Date: 06-12-2019

### **RELIEVING ORDER**

This is to acknowledge that E.Suresh Babu VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for IV/IV B.Pharm I semester paper evaluation from 05-12-2019 to 06-12-2019 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. He is relieved from their duties in the evening of 06-12-2019.

Prof. K. V. Ramana Murthy  
PRINCIPAL  
A.U. College of Pharmaceutical Sciences  
Andhra University  
VISAKHAPATNAM-530 003

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.



**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES**  
**Near Airport, Nidigatla Road, Rajahmundry - 533102**  
(Approved by AICTE & PCI, New Delhi Affiliated to Andhra University, Vizag)



Date: 27-12-2018

**DEPUTATION LETTER**

I am hereby writing this letter to depute two of our teaching staff for IV/VI Pharm. D Theory paper evaluation in Andhra university campus. The list of staff members are furnished below.

S.No	Name of the staff	Designation
1	M.V. Sumalatha	Associate professor
2	B.V.B. Balaji	Associate professor

**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Dr.T.V.NARAYANA  
PRINCIPAL

**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCE**  
**Near Airport, Nidigatla Road, Rajahmundry - 533102**

UPEU, New Delhi Affiliated to Andhra University, Vizag)



**Prof. D.Gowri Shankar**  
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[principalpeau@gmail.com](mailto:principalpeau@gmail.com),  
[dryrp\\_au@rediffmail.com](mailto:dryrp_au@rediffmail.com)

Visakhapatnam,  
Date: 29-12-2018

**RELIEVING ORDER**

This is to acknowledge that M.V. Sumalatha VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for IV/VI Pharm . D paper evaluation on 28-12-2018 to 29-12-2018 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. She is relieved from their duties in the evening of 29-12-2018.

**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

**PRINCIPAL**

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**Prof. D.Gowri Shankar**

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[principalpeau@gmail.com](mailto:principalpeau@gmail.com)

[drvyp\\_au@rediffmail.com](mailto:drvyp_au@rediffmail.com)

Visakhapatnam,

Date: 29-12-2018

**RELIEVING ORDER**

This is to acknowledge that B.V.B. Balaji , VIKAS Institute of Pharmaceutical Sciences Pharmacy, Near Airport, Nidigatla Road, Rajahmundry, has attended for IV/VI Pharm . D paper evaluation on 28-12-2018 to 29-12-2018 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. He is relieved from their duties in the evening of 29-12-2018.

**Principal**

**vikas Institute of Pharmaceutical Sciences**

**Rajahmundry-533 102.**

**PRINCIPAL**

**PRINCIPAL**

**A.U. College of Pharmaceutical Sciences**

**Andhra University,**

**Visakhapatnam - 530 003**



**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCE**  
Near Airport, Nidigatla Road, Rajahmundry - 533102  
(Approved by AICTE & PCI, New Delhi Affiliated to Andhra University, Vizag)



Date: 04-10-2017

**DEPUTATION LETTER**

I am hereby writing this letter to depute two of our teaching staff for IV/VI Pharm. D Theory paper evaluation in Andhra university campus. The list of staff members are furnished below.

S.No	Name of the staff	Designation
1	Dr.B.J. Mahendra Kumar	Professor
2	Mr.B.V.B.Balaji	Associate Professor

**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

Dr.T.V.NARAYANA  
PRINCIPAL

**Prof. D.Gowri Shankar**  
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[principalpeau@gmail.com](mailto:principalpeau@gmail.com).  
[drvvp\\_au@rediffmail.com](mailto:drvvp_au@rediffmail.com)

Visakhapatnam,  
Date: 06-10-2017

**RELIEVING ORDER**

This is to acknowledge that Dr.B.J.Mahendra Kumar VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for IV/VI Pharm.D paper evaluation on 05-10-2017 to 06-10-2017 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. He is relieved from their duties in the evening of 06-10-2017.

**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-530 102.

**PRINCIPAL**

PRINCIPAL  
A.U. College of Pharmaceutical Sciences  
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Visakhapatnam - 530 003

Prof. D.Gowri Shankar  
M. Pharm., Ph.D.

PRINCIPAL & PROFESSOR  
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Visakhapatnam - 530 003, A.P. INDIA.



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[principalpcau@gmail.com](mailto:principalpcau@gmail.com)  
[dryrp\\_au@rediffmail.com](mailto:dryrp_au@rediffmail.com)

Visakhapatnam,  
Date: 06-10-2017

**RELIEVING ORDER**

This is to acknowledge that B.V.B.Balaji VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for IV/VI Pharm .D paper evaluation on 05-10-2017 to 06-10-2017 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. He is relieved from their duties in the evening of 06-10-2017.

Principal  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

PRINCIPAL

PRINCIPAL  
A.U. College of Pharmaceutical Sciences  
Visakhapatnam  
06-10-2017



Date: 24-06-2017

**DEPUTATION LETTER**

I am hereby writing this letter to depute two of our teaching staff for I/IV B. Pharmacy II Semester theory paper evaluation in Andhra university campus. The list of staff members are furnished below.

S.No	Name of the staff	Designation
1	K.Ramya	Assistant professor
2	Y.Ravi Teja	Assistant professor

**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

**Dr.T.V.NARAYANA**  
PRINCIPAL

**Prof. D.Gowri Shankar**

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[principalpeau@gmail.com](mailto:principalpeau@gmail.com),

[dryrp\\_au@rediffmail.com](mailto:dryrp_au@rediffmail.com)

Visakhapatnam,

Date: 06-10-2017

**RELIEVING ORDER**

This is to acknowledge that K.Ramya , VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for I/IVB. Pharm II Semester paper evaluation on 26-06-2017 to 27-06-2017 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. She is relieved from their duties in the evening of 27-06-2017.

**Principal**

Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

**PRINCIPAL**

PRINCIPAL

A.U. College of Pharmaceutical Sciences  
Andhra University  
Visakhapatnam - 530 003





Date: 06-12-2016

**DEPUTATION LETTER**

I am hereby writing this letter to depute three of our teaching staff for III/VI Pharm. D Theory paper evaluation in Andhra university campus. The list of staff members are furnished below.

S.No	Name of the staff	Designation
1	B.Venkata Reddy	Assistant professor
2	D.Anupama	Assistant professor
3	B.Sandhya Rani	Assistant professor

**Principal**  
**Vikas Institute of Pharmaceutical Sciences**  
**Rajahmundry-533 102.**

**Dr.T.V.NARAYANA**  
**PRINCIPAL**

**Prof. D.Gowri Shankar**

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[principalpeau@gmail.com](mailto:principalpeau@gmail.com).

[dryrp\\_au@rediffmail.com](mailto:dryrp_au@rediffmail.com)

Visakhapatnam,

Date: 08-12-2016

**RELIEVING ORDER**

This is to acknowledge that B.Venkata Reddy, VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for III/VI Pharm . D paper evaluation on 07-12-2016 to 08-12-16 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. He is relieved from their duties in the evening of 08-12-2016.

**Principal**

**Vikas Institute of Pharmaceutical Science,  
Rajahmundry-533 102.**

**PRINCIPAL**

**PRINCIPAL**

**Andhra University College of Pharmaceutical Sciences  
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[drvpr\\_au@rediffmail.com](mailto:drvpr_au@rediffmail.com)

Visakhapatnam,

Date: 08-12-2016

**RELIEVING ORDER**

This is to acknowledge that D.Anupama , VIKAS Institute of Pharmaceutical Sciences Pharmacy , Near Airport, Nidigatla Road, Rajahmundry, has attended for II/IV B.Pharm I semester paper evaluation on 07-12-2016 to 08-12-2016 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. She is relieved from their duties in the evening of 8-12-16

**Principal**

Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

**PRINCIPAL**

PRINCIPAL

A.U. College of Pharmaceutical Sciences

Visakhapatnam

08-12-2016

Prof. P. RAJESWARA RAO  
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Chairman, Board of Studies  
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[dryrp\\_au@rediffmail.com](mailto:dryrp_au@rediffmail.com)

Visakhapatnam,  
Date: 08-12-2016

### RELIEVING ORDER

This is to acknowledge that B. Sandhya Rani VIKAS Institute of Pharmaceutical Sciences Pharmacy, Near Airport, Nidigatla Road, Rajahmundry, has attended for III/VI Pharm .D paper evaluation on 07-12-2016 to 08-12-2016 at A.U. College of Pharmaceutical Sciences, Andhra university, Visakhapatnam. She is relieved from their duties in the evening of 08-12-2016.

**Principal**  
Vikas Institute of Pharmaceutical Sciences  
Rajahmundry-533 102.

**Chairman, Board of Studies**  
A.U. College of Pharmaceutical Sciences