



CRITERION 2: TEACHING- LEARNING AND EVALUATION

Key Indicator: 2.3 Teaching-Learning Process

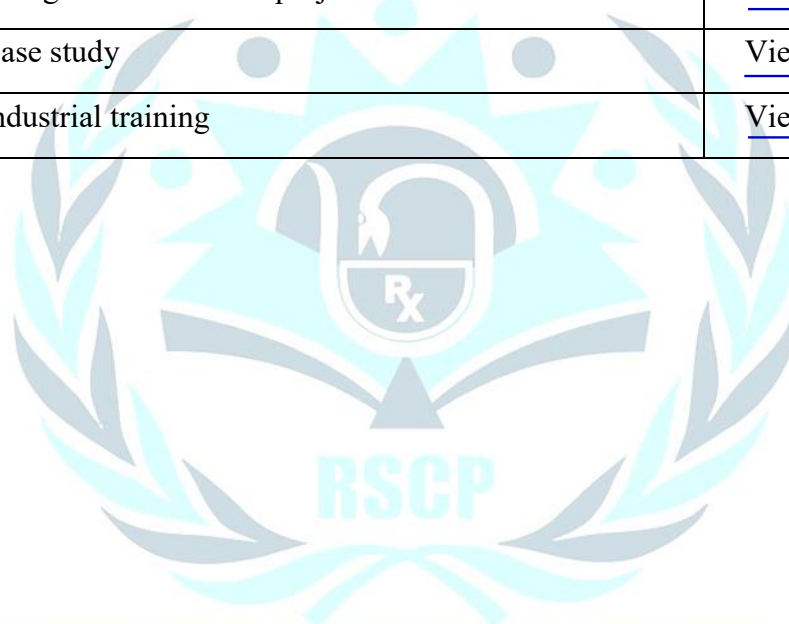
QIM. 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools.

Problem Solving Methodologies

Academic Year 2017-18

Problem Solving Methodologies

2017 – 18		
Sr. No.	Particulars	Document
1	Under graduate projects	View document
2	Post graduate research projects	View document
3	Case study	View document
4	Industrial training	View document



Rajarshi Shahu
College of Pharmacy

Journey Towards Academic Excellence



Rajarshi Shahu College of Pharmacy, Malvihir, Buldana. M. S. India

(Approved by AICTE, PCI, New Delhi and affiliated to SGBAU, Amravati)

A list of project submitted by the sixth sem. Students for Academic Year 2017—18.

Sr.no	Name of student	Title of project Report	Name of Guide
01	A.A.Adhao	A review on Capsule Dosage form.	Asst.Prof.Dr.V.N.Sancheti
02	A.V.More	A review on Gas Chromatography.	Asst.Prof.M.D.Chakolkar
03	A.R.Kale	Microencapsulation	Asst.Prof.M.D.Chakolkar
04	A.Chankhore	A review on Emulsion formulation.	Asst.Prof.Dr.V.N.Sancheti
05	A.P.Thawakar	Natural Dyes	Asst.Prof.M.D.Chakolkar
06	A.V.Dakhore	Amblyopia	Asst.Prof.S.S.Hurpade
07	A.V.Patil	A review on Flash Chromatography	Asst.Prof.M.D.Chakolkar
08	A.B.Lute	Key technique and application progress of molecular pharmacognosy	Asst.Prof.M.D.Chakolkar
09	A.B.Kafare	Chronic obstructive pulmonary disease.	Asst.Prof.S.S.Hurpade
10	A.S.Ubale	Osmotic Drug Delivery system.	Asst.Prof.Dr.V.N.Sancheti
11	A.M.Muzzammil	A review on –Suspension dosage form.	Asst.Prof.Dr.V.N.Sancheti
12	Arbaz khan Anees khan	Prevention and treatment of Leprosy	Asst.Prof.M.N.Deokar
13	B.A.Rathod	A Review on Pharmacovigilance.	Asst.Prof.Dr.S.M.Kewatkar
14	D.H.Kharat	Concept of west Nile virus	Asst.Prof.M.N.Deokar
15	D.M.Tayade	Toxicology of NSAID drugs	Asst.Prof.M.N.Deokar
16	G.S.Mohite	Asthma-Pathophysiology and treatment	Asst.prof.S.D.Tayade
17	G.S.Ugale	Pharmacokinetic compartment modeling.	Asst.prof.S.D.Tayade
18	G.V.Wagh	Rubber-A packaging material	Asst.prof.S.D.Tayade
19	G.R.Ghongade	HPLC method development and validation	Asst.prof.S.D.Tayade
20	G.A.Parhad	Bioavailability and bioequivalence.	Asst.prof.S.D.Tayade
21	H.S.Metangale	A review on 3D QSAR technology.	Asst.Prof.M.N.Deokar
22	I.A.Sagpelwar	Role of Pharmacist in preventing Adverse drug reaction.	Asst.Prof.M.N.Deokar
23	K.N.Metangale	The role of Generic medicine in Indian Pharmaceutical market.	Asst.Prof.M.N.Deokar
24	Ku.A.D.Helge	A review on –Tablet Dosage form.	Asst.Prof.Dr.V.N.Sancheti
25	Ku.B.S.Budhwat	Pharmaceutical application of cocos nucifera –A review	Asst.Prof.Miss S.K.Bhojar
26	Ku.P.G.Dharaskar	Transdermal drug delivery system.	Asst.Prof.Dr.V.N.Sancheti
27	Ku.P.R.Jadhao	Tablet-A brief study.	Asst.prof.S.D.Tayade
28	Ku.P.V.Wanere	Nanosuspension	Asst.prof.S.D.Tayade
29	Ku.P.D.Surgade	Pharmacotherapy of malaria.	Asst.Prof.Miss S.U.Gaikwad
30	KU.R.G.Pinjarkar	Database managment system using M.S. Access	Asst.Prof.Miss S.K.Bhojar
31	Ku.Sayyed Nuzhat Rafeeq	Data analysis by using M.S.Excel	Asst.Prof.Miss S.K.Bhojar
32	Ku.S.G.Shelke	Web page development by using html css	Asst.Prof.Miss S.K.Bhojar
33	Ku.S.A.Shingane	Drug Solubility: Importance and Enhancement Techniques	Asst.Prof.Miss S.K.Bhojar
34	Ku.S.S.Borhade	Pharmacotherapy of Tuberculosis	Asst.Prof.Miss S.U.Gaikwad
35	Ku.V.E.Kalwaghe	Computer added drug designing in Ebola virus	Asst. Prof. P. R. Devhare

		disease.	
36	M Azharuddin M Mohiuddin	Malaria	Asst.Prof.P.R.Devhare
37	M.M.Mole	Impurities in pharmaceuticals	Asst.Prof.Mr.S.P.Shelke
38	M.S.Bibve	Medicinal chemistry and pharmacy curriculum	Asst.Prof.P.R.Devhare
39	M.B.Patekhede	Development of novel drug from marine source	Asst.Prof.P.R.Devhare
40	M.V.Rathi	A Comprehensive review of Mulberry Plant.	Asst.Prof.Dr.Nitin Nema
41	Md.Shahbaz Md.Aijaz	Biochemical strategies for modifying glycopeptides antibiotics	Asst.Prof.P.R.Devhare
42	N.R.Sonune	Medicinal chemistry of ATP synthase –A potential drug target	Asst.Prof.P.R.Devhare
43	N.V.Kinge	Antimicrobial peptides-A potential target of Therapeutic agent.	Asst.Prof.P.R.Devhare
44	P.G.Kendre	Clinical therapeutics of HIV	Asst.Prof.Dr.Nitin Nema
45	P.R.Sonune	Danshenspiroketallactones via radical relay chemistry	Asst.Prof.P.R.Devhare
46	P.S.Jadhao	Cancer therapy –A review	Asst.prof..S.S.Hurpade
47	P.F.Fadat	Ebola virus-A virus	Asst.prof..S.S.Hurpade
48	P.M.Hadole	Pharmacovigilance-Futuer perspectives	Asst.prof..S.S.Hurpade
49	R.B.Rojekar	Tuberculosis –A review	Asst.prof..S.S.Hurpade
50	Rehan Fazal Md.Saleem	Osmotic drug delivery system	Asst.prof..S.S.Hurpade
51	Saiyyed faisal saiyyed sajid	A review on -Turmeric	Asst.prof..S.S.Hurpade
52	S.M.Ingole	Pharmaceutical Additives.	Asst.Prof.Y.B.Uberhande
53	S.P.Chandane	A review on –Taste masking technology	Asst.Prof.Mr.S.P.Shelke
54	Shaikh Areef Shabbir	A review on HPLC validation.	Asst.Prof.Mr.S.P.Shelke
55	S.R.Kolhe	Retro synthetic Analysis	Asst.Prof.Mr.S.L.Khan
56	S.G.Tayade	Synthesis,Insilico screening and QSAR studies of Azetidinone	Asst.Prof.Mr.S.P.Shelke
57	S.R.Khaire	An investigation of modern ophthalmic drug delivery system.	Asst.Prof.Mr.S.L.Khan
58	Sk.Zubair Sk Fakira	Mucoadhesive drug delivery system	Asst.Prof.Mr.S.L.Khan
59	S.D.Veer	Gold Nanoparticles:-A review	Asst.Prof.Mr.S.L.Khan
60	S.R.Wakode	Synthesis,Insilico screening of novel sulphonamide derivatives	Asst.Prof. Mr.S.P.Shelke
61	S.R.Jadhao	Synthesis and comparative Insilico investigation of ortho and para nitro cinamic acid.	Asst.Prof.Mr.S.P.Shelke
62	T.S.Rathod	Synthesis and Insilico screening of some novel Pyrimidine derivative-A review	Asst.Prof.Mr.S.P.Shelke
63	V.V.Rasal	Synthesis and Insilico screening of novel 2-phenyl Indol derivatives.	Asst.Prof.Mr.S.P.Shelke
64	V.R.Waghmare	Pharmaceutical nanoemulsion	Asst.Prof.Dr.V.N.Sancheti
65	V.S.Mehetre	Fungal Infections: Their Diagnosis and Treatment	Asst.Prof.Miss S.K.Bhoyar
66	Y.V.Bhala	Nutritive Herbal Components	Asst.Prof.Miss S.U.Gaikwad
67	Y.U.Chavan	Dry Eye Syndrome	Asst. Prof. Miss S. U. Gaikwad




Principal
Rajarshi Shahu College of Pharmacy,
Maivihir, Buldana.



DBUGVF's

Rajarshi Shahu College of Pharmacy, Buldana

(Approved by AICTE, PCI, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati)

List of students and dissertation titles

M. Pharmacy Pharmacology

2017-18

Sr. No.	Name of Candidate	Name of Guide	Title of Thesis
01	SHIVAJI K. MOHRUT	DR. S. P. ZAMBAD	TO STUDY THE EFFECT OF D-CYCLOSERINE IN ATTENTION DEFICIT HYPERACTIVITY DISORDER-LIKE BEHAVIORS IN MICE.
02	RUSHABH RAMAN KARNAVAT	DR. S. P. JAIN	STUDEIS ON THE INVOLVEMENT OF NITREGIC SYSTEM IN THE ANTISTRESS EFFECT OF GINSENG EXTRACT.
03	G.S.PAWAR	MR.S.S. HURPADE	STUDY ON EFFECT OF POLY HERBAL FORMULATION (PHF) IN DIFFERENT TYPES OF DERMATTITS IN EXPERIMENTAL ANIMALS




Principal
Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.



DBUGVF's

Rajarshi Shahu College of Pharmacy, Buldana

Approved by AICTE, PCI, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati)

List of students and dissertation titles

M.Pharm. Quality Assurance

2017-18

Sr. No.	Name of Candidate	Name of Guide	Title of Thesis
01	SUNIL N. MUNDHE	MR.S.P.SHELKE	DEVELOPMENT AND VALIDATION OF ANALYTICAL METHOD OF BINARY MIXTURE.
02	AMOL D. GHODKE	MR.S .M. AMBHORE	INVESTIGATION, FORMULATION AND EVALUATION OF ANTIDIABETIC EFFECT OF HERBAL PLANT.
03	UMESH J. BOCHARE	MR.S.P.SHELKE	FORMULATION AND EVALUATION OF SUSTAIN RELEASE MATRIX TABLET OF ANTIDIABETIC DRUG BY USING RELEASE RETARDANT
04	M.SHAHID M. JAMEEL	MR.S .M. AMBHORE	SOLUBILITY ENHANCEMENT METHOD OF POORLY WATER SOLUBLE DRUG BY MICROWAVE ASSISTED AMORPHIZATION.
05	VAISHALI R. LAHASE	MR. V.M.SANCHETI	DESIGN AND DEVELOPMENT OF FORMUALTION OF GASTRO RETENTIVE TECHNIQUE.
06	DHANANJAY T. MUNDHE	MR.S.P.SHELKE	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF TABLET DOSAGE FORM BY RP-HPLC METHOD.
07	SHAIKH ABUBAKAR SHAIKH CHAND	MR.S .S KHARAT	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF SOME DRUG BY UV AND HPLC.



DBUGVF's

Rajarshi Shahu College of Pharmacy, Buldana

Approved by AICTE, PCI, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati)

08	SHOEB AHMAD SHAIKH BASHIR	MR.S .S KHARAT	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF SOME DRUG IN BULK AND FORMULATION BY UV AND HPLC METHOD.
----	------------------------------	----------------	---




Principal
Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.



DBUGVF's

Rajarshi Shahu College of Pharmacy, Buldana

Approved by AICTE, PCI, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati)

2017-18

List of students and dissertation titles

M.Pharm. Pharmaceutics

Sr. No.	Name of Candidate	Name of Guide	Title of Thesis
01	SATISH RAJENDRA BORSE	MR. S.D. TAYADE	FORMULATION AND EVALUATION OF SUBLINGUAL TABLET CONTAINING TAPENTADOL HYDROCHLORIDE
02	AMOL N. JAYBHAYE	MR. V.M.SANCHETI	DESIGN AND DEVELOPMENT OF CONTROLLED RELEASE FORMULATION FOR EXPECTORANT.
03	VINODKUMAR N. JAYBHAYE	MR. S.D. TAYADE	FORMULATION, EVALUATION OF MODIFIED RELEASE DOSAGE FORM OF ANTI-INFLAMMATORY DRUG.
04	GANESH SHANKAR DEOKAR	MR. V. N. SANCHETI	DESIGN AND DEVELOPMENT OF MONOLITHIC OSMOTIC PUMP TABLET SYSTEM.
05	SADDAM SHAIKH CHAND	MR. P.S.NARKHEDE	FORMULATION AND EVALUATION OF FILM COTED TABLET
06	FAHIM M. SALIM MEMON	MR. V.M.SANCHETI	DESIGN AND DEVELOPMENT OF GASTRO RETENTIVE DRUG DELIVERY SYSTEM.
07	BADRINATH S. JAYBHAYE	MR. P.S.NARKHEDE	TASTE MASKING DEVELOPMENT AND EVALUATION OF RAPIDLY DISINTEGRATING TABLET OF PHENYTOIN SODIUM




Principal
Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.

Dwarka Multipurpose Village Development Foundation's

Rajarshi Shahu College of Pharmacy,

MALVIHIR, BOTHA ROAD, BULDANA (M.S.) - 443 001

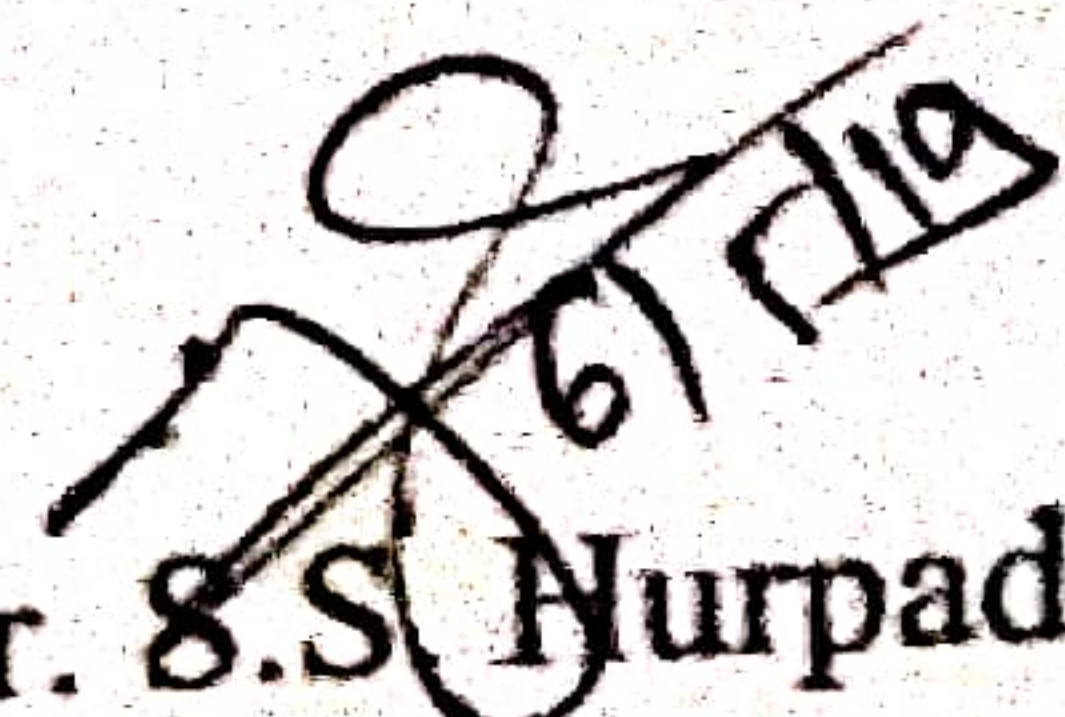
(Approved by AICTE, PCI, and Affiliated to Sant Gadge Baba Amravati University, Amravati.)

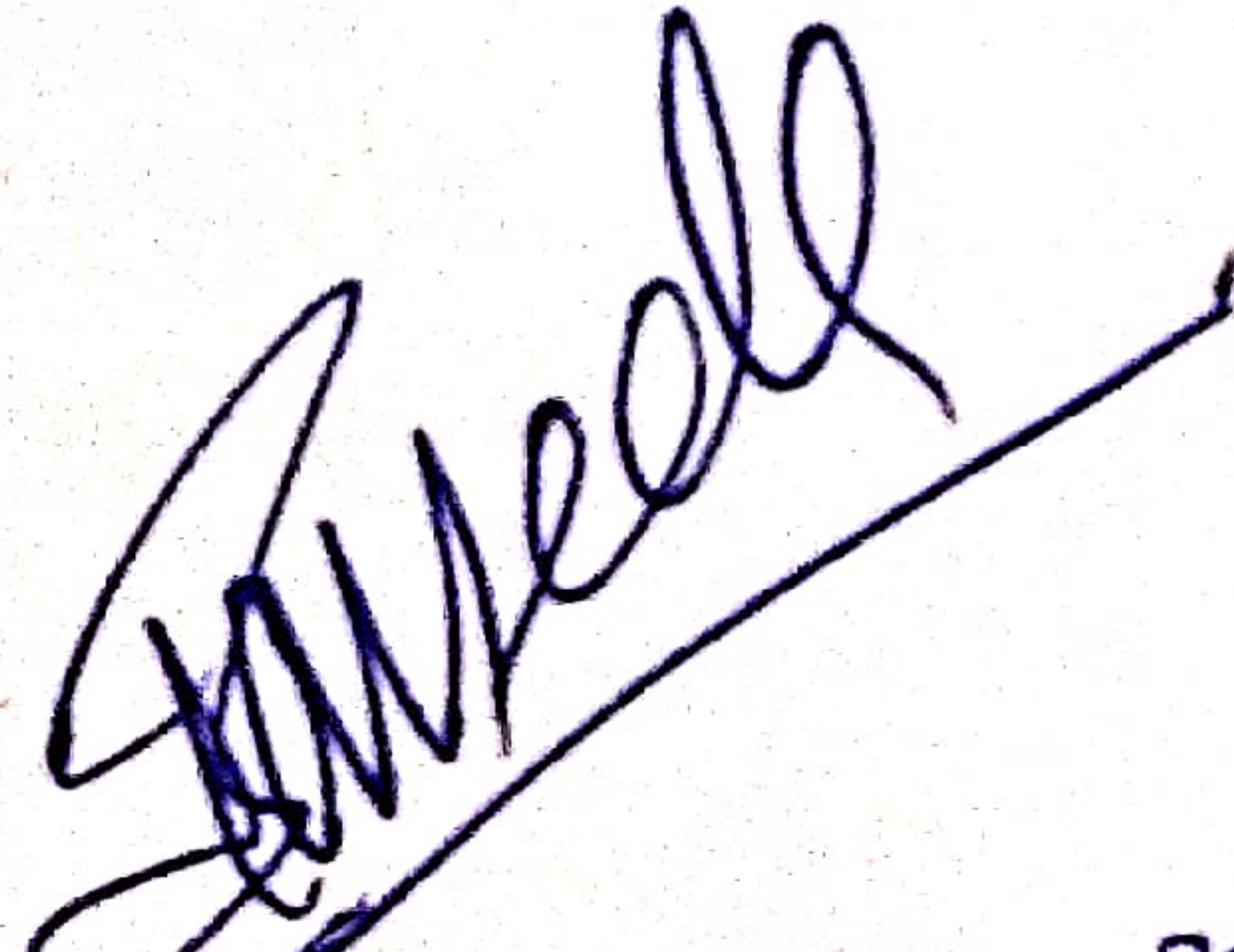


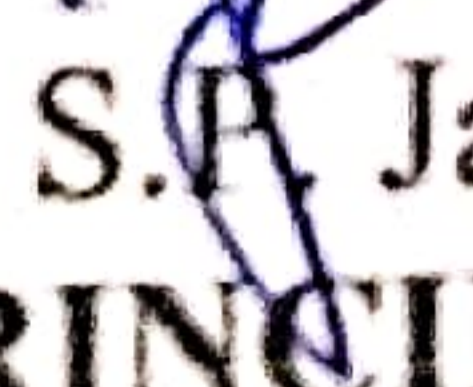
CERTIFICATE

This is to certify that Mr. /Mrs. /M^{ss}. ARBAZ KHAN ANEES KHAN
(Roll NO. 12 (40435) . . .) has studied, presented the required case studies & completed
required documentation prescribed by the Sant Gadge Baba Amravati University, Amravati for
B. Pharm. 8th Semester course in the subject of Clinical Pharmacotherapeutics during the
academic year 2018-19 and this journal represents his / her work done successfully.

Date:


Mr. S.S. Nurpade
SUBJECT IN-CHARGE


Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.


Dr. S.P. Jain
PRINCIPAL
Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.



Case study form**A. Genral Information**

Name of patient	Mr. Nishal Thigale .
Age	28 yrs.
Sex	Male .
Address for communication	chikhli .
Contact no.	9604655818 .
Name, qualification & address of Physician	Dr. Vishnu Khedekar (M.S).

B. Medical History

Chief Complaints	Pain in Abdomen vomiting Difficulty in urination, some time blood in urine .
History of the present illness	Kidney stone .
Past medical history	No .
Family history of disease, if any	No .



Principal
Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.

C. Dignosis

Title	Findings
<p>Physical Examination : Include patient physical findings such as hydration, edema, ascites, anasarca, dehydration, overhydration, motor limitation of hands, impairments of sight, hearing or speech, blood pressure, pulse , respiration, temperature</p>	<p>pain in abdomen . Febrile 102 . Dibbiculty in unination . some time blood in urine .</p>
<p>Laboratory Tests and imaging: include diagnosis such as different biochemical test required for disease identification</p>	<p>Abdomen and pelvis sonography .</p>




Principal
Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.

D. Prescription Study

Title	Findings
Date of Prescription	30/02/2018.
Finding observed on prescription (clinical findings)	Bilateral Intra-Renal calculi RT. lower ureteric calculus with mild back pressure changes.

E. Hospital Course or patient Treatment Course

Title	Observation	Remark
Treatment plans (medical or nutritional)	Prokinetic drug, Antiseptic & disinfectants Alkalizer	
Abnormal Laboratory Values	5.8 mm sized calculus in RT lower ureter.	
Surgery	NO.	
Complications	NO.	



Principal
Principal
Rajarshi Shahu College of Pharmacy,
Malvihi, Buldana.

F. Drug Therapy

Title	Observation	Remark
Types of drugs	<ul style="list-style-type: none"> - Levosulpiride - Prokinetic drug - Hexamethylene biguanide - Antiseptic & disinfectant. - Metronidazole - Antiprotozoal. - Tamsulosin - α-blocker. 	
Name (Content) of drug with dosage	<ul style="list-style-type: none"> - Tab. Lenogold 50 (Levosulpiride) 50mg - Tab. Nantoyl (Hexamethylene biguanide) 200mg - Tab. Prontogyls (metronidazole) 200mg - Tab. Drimax (Tamsulosin) 0.2mg. 	
Indications for use	<ul style="list-style-type: none"> - Antiprotozoal - Used for the treatment of protozoal infection. - α-blockers - Used to relax the muscle of bladder - Antiseptic & disinfectants - kills m.o. 	
ADR	Nausea, diarrhoea, constipation, Dizziness, Headache, stomach pain, Nasal decongestant.	
Drug interactions	<ul style="list-style-type: none"> - Alcohol drinking. - Lactation. 	




 Principal
 Principal
 Rajarshi Shahu College of Pharmacy,
 Malvihir, Buldana.

G. Reason for what condition each drug was prescribed :

Tamsulosin - is used in the treatment of benign prostatic hyperplasia.

Lenosuxipride is used for the treatment of constipation.

Mebanidazole is used for the treatment of protozoal infection.

Hexamethylene biguanide is used as a antiseptic & disinfectant to kill or prevent the growth of micro-organisms.

H. Summary of all above findings :

A 48 yrs old male is suffering from the pain in abdomen, vomiting, difficulty in urination & some time blood in urine. Doctor prescribed him a abdomen & pelvis sonography imaging test & conclude that the patient is suffering from kidney stone. then the doctor prescribed medicine for the treatment of kidney stone such as Tamsulosin, lenosuxipride, mebaniadazole, etc



Principal
Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.

6/10
hr

संप्रोस्कोपीक सर्जन, एन्डोस्कोपीस्ट
 राजि.नं. २००४/०४/२९८२
 डॉ. अदिती विष्णु खेडेकर
 M.B.B.S., D.A.
 राजि.नं. २००९/०५/२३०२

ॐ श्री गजाननहरपीठ

खामगाव-जालना हायवे बायपास रोड, रामा हॉटेल जवळ, बस स्टॅंडच्या पाठीमागे, विखली, फोन - (०७२६४)२४४८७७, मोबाईल : ९६०४६५५८९८

- दुर्बिलीप्यारे पोटाचे विकाराची विकीरसा
- हर्निया, अपेंडीक्स व विल्लाशयाची घैली ऑपरेशन
- छोट्या व मोठ्या आतड्याचे सर्व आजार, आतडी फुटणे, टी.बी. कॅन्सर इत्यादी
- किडनी स्टोन उपचार
- स्तन कॅन्सर व इतर आजार
- अपघात कॅन्सर-डॉक,
- पोट छातीला मार लागणे.
- सर्व प्रकारच्या कॅन्सरचे निदान व उपचार.
- गलेगंड, खोळीच्या कठी व मानेतील इतर गाळी गुडवारसंबंधीत सर्व आजार, फिन्नर (फ्रॅक्चर), फिस्टुला (नासुर) मुख्य्याथ किडनी, मुत्रतय, मुत्रलीका यांचे आजार.
- छातीतले पाणी व पत्त काढणे.
- माजलेल्या रूग्णाक कॅन्सर.
- डायबेटीस फुट व इतर न मरणाच्या जखमा.
- कृत्रिम त्वचारोपण.
- मायाचा व हाताचा गैरीन महान मुलांच्या शस्त्रक्रिया.
- गळलेल्या प्रास्टेट ग्रंथी काढणे.

पेशंटचे नांव : Vishal Chitre दिनांक: 10/11/18
 पत्ता : _____ वय: _____ लिंग: M

पेशंटचे नांव	वय	लिंग	संख्या	दिवस
Rx				
T. Omentum			1	7
T. Omentum			1	7
T. Anofistom			1	7
T. Prostatectomy			1	7
T. Omentum			1	7

फेर तपासणी



Principal
 Principal
 Rajarshi Shahu College of Pharmacy,
 Malvihir, Buldana.

* परत येताना हा कागद सोबत आणावा. *

PATIENT'S NAME: MR. VISHAL THIGALE
AGE: 18 YRS
REFERRED BY: DR. VISHNU KHEDEKAR

DATE: 10/02/2018
SEX: M

ABDOMEN AND PELVIS SONOGRAPHY

B-mode real time USG done.
Liver is normal in size and shape and show normal homogenous echopattern.
No intrahepatic focal or diffuse lesion seen.
Gall bladder is partially distended. No gall stones.
C.B.D. (3.0 mm) and portal vein (10 mm) are of normal calibre.

(Rt) kidney measures 9.1 x 4.6 cm. (Lt) kidney measures 9.2 x 4.3 cm.
E / o 3.2 mm sized calculus is seen in upper pole of RT kidney.
E / o 2.6 mm sized calculus is seen in lower pole of LT kidney.
Mild RT hydronephrosis with hydroureter is seen with a 5.8 mm sized calculus in RT lower ureter.
Both kidneys show normal cortical echogenicity.
No hydronephrosis or S.O.L. seen on LT side.

Spleen, Pancreas and major abdominal vessels are normal.
No ascites, adenopathy or collection seen. Urinary bladder is normal.
Prostate is normal.
Bowel loops are normal.
**OPINION : BILATERAL INTRA-RENAL CALCULI (NON-OBSTRUCTING).
RT LOWER URETERIC CALCULUS WITH MILD BACK PRESSURE CHANGES.**

THANKS FOR REFERRAL

DR. Vishnu Khedekar Sir

Dr. Anuradha R. Rajput
M.B.B.S., D.M.R.E.
Radiologist & Sonologist
Reg. No. 2009/03/1



Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.



Factory Add.: Plot No. 65, At Yelgaon. Dist. Buldana 443001 (M.S.)
Office Add.: I.G. Building Iqbal Chowk, Buldana. 443001 (M.S.)
+91 9423144385- +91 9822229440

Date: 21/08/2018

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. Monali Nandkishor Pawar student of Rajarshi Shahu College of Pharmacy Buldana, she has undergone in plant training for period 20th June to 19th August, 2018.

She has completed his training from Human Resources, Safety & EHS, Stores, Warehouse, Quality Control, Quality Assurance and Engineering, Production & Packing Department.

Her attendance was found to be satisfactory.

We wish her all the best in her future endeavors.

Souvik Balla
Proprietary
Indian Formulation

*Forwarded to
Resp. Principal for necessary action*
27/08/2019
*Forwarded to
Mr. Anil Kumar
LHM NAC*

Pravin
27.3.19
TPO
S. R. Vibhute