

DIRECTORATE, TECHNICAL EDUCATION BHOPAL (M.P.)

MANDATORY DISCLOSURES

Diploma Technical /Pharmacy/Hotel Management and Catering Technology/ Other Programmes

The following information is to be given in the Information Brochure besides being hosted on the Institution's official Website.

"The information has been provided by the concerned institution and the onus of authenticity lies with the institution and not on AICTE/DTE (MP).

I. NAME OF THE INSTITUTION: B.R. Nahata College of Pharmacy

ADDRESS : B.R. Nahata College of Pharmacy
B.R. Nahata Marg, Post Box No. 06,
Mhow – Neemuch Road Mandsaur (M.P) - 458001

TELEPHONE NO : 07422-255734

FAX : 07422-255504

E-MAIL : directors@brncop.com, vbgupta@hotmail.com (Director)
sheeja@brncop.com (Principal)

II. NAME & ADDRESS OF THE DIRECTOR/PRINCIPAL:

Dr. V.B. Gupta (Director)/ Mrs. Sheeja Edwin (Principal)

ADDRESS : B.R. Nahata College of Pharmacy
B.R. Nahata Marg, Post Box No. 06,
Mhow – Neemuch Road Mandsaur (M.P) - 458001

TELEPHONE NO : +91- 9826774144 (Director), 9179660186 (Principal)

FAX : 07422-255504

E-MAIL : directors@brncop.com, vbgupta@hotmail.com (Director)
sheeja@brncop.com (Principal)

III. NAME OF THE AFFILIATING UNIVERSITY:

Rajiv Gandhi Proudtyogiki Vishwavidyalaya,
(University of Technology of Madhya Pradesh)

ADDRESS : A-4, Office Complex, Gautam Nagar,
Bhopal –462036 (Madhya Pradesh).

TELEPHONE NO: 0755 - 2583656, 2583673

FAX : 0755-2678855

WEBSITE : www.rgtudiploma.net, www.rgtudiploma.com

IV. GOVERNANCE:

A) MEMBERS OF THE BOARD AND THEIR BRIEF BACKGROUND:

S No.	Name	Specialized area	Educational Qualification	Designation
1.	Nahata Narendra	Businessman, Socio Political Leader	BE	Chairman
2.	Nahata Surendra	Banker	Graduate	Secretary
3.	Chaurdiya Rakesh Kumar	Businessman	Graduate	Member
4.	Chaurdiya D.S.	Businessman	Graduate	Member
5.	Joshi Satish Chandra	Businessman	Graduate	Member
6.	Chaubey Satyanarayan	Businessman	Graduate	Member
7.	Nahata Rahul	Educationalist	MBA	Member

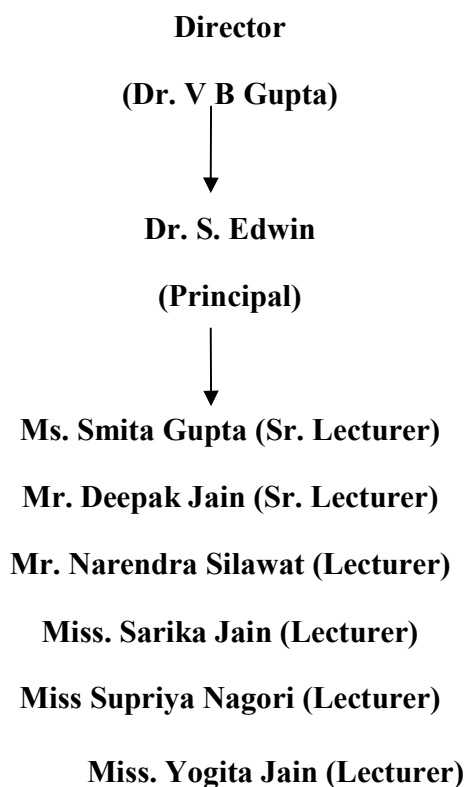
B) MEMBERS OF ACADEMIC ADVISORY BODY

S. No.	Name	Profession/ Occupation
1.	Prof. Ram Harsh Singh	Ex Vice Chancellor Rajasthan Ayurved University Jhalamand Chauraha, Jodhpur (Rajasthan)
2.	Dr. Ram Gopal	Director, Mandsaur Institute of Technology Mandsaur (MP)
3.	Dr. V B Gupta	Director B R Nahata College of Pharmacy Mandsaur (MP)
4.	Mr. Devendra Saraf	Pharmaceutical Industrialist & Researcher Vostok & Wilcure Remedies 15, Rajaswgram, Chatribaugh, Indore (MP) 452002
5.	Dr. Dinesh Bothara	Pharmaceutical Industrialist & Researcher, Poona
6.	Dr. Sanjay Jain	Principal Smriti College of Pharmaceutical Education Indore (MP)

C) FREQUENCY OF THE BOARD MEETINGS AND ACADEMIC ADVISORY BODY: Once in a year

D) ORGANIZATIONAL CHART AND PROCESSES:

School for Diploma Studies



E) NATURE AND EXTENT OF INVOLVEMENT OF FACULTY AND STUDENTS IN ACADEMIC AFFAIRS/IMPROVEMENTS:

The institution has a fair amount of decentralization and involvement of faculty and students in its academic affairs/ improvement. In this respects two sets of committees i.e. Administrative Committees and Quality Council are functional in the institute.

Administrative Committees:

S. No.	Administrative Heads	Department
1.	Mrs Sheeja Edwin	Pharmacognosy
2.	Mr. Deepak Jain	DSBM, Pharmacognosy
3.	Miss Smita Gupta	Pharmaceutics
4.	Miss Sarika Jain	Pharmaceutics ,Biochemistry
5.	Miss Supriya Nagori	Pharmachemistry
6.	Miss Yogita Jain	Pharmacology

Quality Council:

S.No.	Activity	Coordinators
1.	College Magazine	Miss Supriya Nagori
2.	Academic	Mr. Deepak Jain Miss. Supriya Nagori
3.	Training, Placement & Tours	Mr.Vishal Jain
4.	Examination	Miss. Sarika Jain
5.	Students Affair (Discipline, Extra Curricular & Pharmaceutical Society)	Mr.Deepak Jain Miss.Supriya Nagori Miss.Sarika Jain Miss Yogita Jain

F) MECHANISM/NORMS & PROCEDURE FOR DEMOCRATIC/GOOD GOVERNANCE:

Above mentioned Administrative Heads, Administrative Committees and Quality Council functions towards democratic and good governance.

G) STUDENT FEEDBACK ON INSTITUTIONAL GOVERNANCE/FACULTY PERFORMANCE:

Student Feed Back on Faculty performance is carried out at last of the year.

H) GRIEVANCE REDRESSAL MECHANISM FOR FACULTY, STAFF AND STUDENT:

The institute has three mechanisms:

- A. **Disclosed Mode:** In this, the principal or his office receives the grievances in formal way, appropriate solution is worked out and if necessitated management's approval is taken.
- B. **Undisclosed Mode:** In this the grievances are received through a complaint/ suggestion box and then appropriate action are taken.
- C. **Quality Council:** Institution is having a quality council, which is represented by two students of each class. The group grievances are handled through QC.

V. PROGRAMMES

A) NAME OF THE PROGRAMMES APPROVED BY THE AICTE : Diploma in Pharmacy

B) NAME OF THE PROGRAMMES ACCREDITED BY THE AICTE : Diploma in Pharmacy

C) FOR EACH PROGRAMME THE FOLLOWING DETAILS ARE TO BE GIVEN:

A) Name : Diploma in Pharmacy

B) Number of Seats : 60

C) Duration : Two Years

D) Cut Off Mark/Rank For Admission During The Last Three Years:

Cut off / last candidate admitted	24/200 (2010)	52/200 (2009)	170/600 (2008)	156/600 (2007)
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E) Fee : 34,625/student

F) Placement Facilities : Campus placement in last three years with minimum salary, maximum salary an average salary

Year	Discipline	Total no. of students passed out	Total no. of students placed through placement cell
2006	D. Pharmacy	17	9
2007	D. Pharmacy	23	16
2008	D. Pharmacy	26	14
2009	D. Pharmacy	12	NIL
2010	D. Pharmacy	19	02

Year	Name of the Company/Industry	Number of Students Placed with Salary(Minimum- average-Maximum) (6000-8000-12000)
2010	Punit Enterprise , Ratlam	02
2009	NIL	NIL
2008	Cipla	05
2008	Anglofrench	01
2008	Alembic	03

VI. FACULTY

A) BRANCH WISE LIST FACULTY MEMBERS:

- a) Permanent Faculty : 06
- b) Visiting Faculty : 00
- c) Adjunct Faculty : 01
- d) Guest Faculty : 00
- e) Permanent Faculty: Student Ratio : 1:14

B) NUMBER OF FACULTY EMPLOYED AND LEFT DURING THE LAST THREE YEARS:

S.No.	Year	Faculty	
		Employed	Left
1.	2010	01	Nil
2.	2009	Nil	01
3.	2008	Nil	Nil

VII. PROFILE OF DIRECTOR/PRINCIPAL WITH QUALIFICATION, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED

For each Faculty give a page covering

1. Name of the teaching staff : Dr V B Gupta

2. Photograph :



3. Date of Birth : 20/04/1969

4. Designation : Professor & Director

5. Area of Specialization : Pharmaceutics

6. Date of Joining the Institution : Dec 14, 2004

7. Education Qualifications :

1. UG B. Pharm. : 1ST Class 1989 from Sagar Univ.

2. PG M. Pharm : 1ST Class 1991 from Sagar Univ.

3. PhD : 1996 JNV Univ.

8. Total Experience in Years

1. Teaching : 16

2. Industry : 3

3. Research : 19

9. Subject teaching at :

Under Graduate level : Pharmaceutics

Post Graduate level : Pharmaceutics

10. Papers Published in:

Master's: National – 05; International – 02; Conference – 20

Ph.D: National – 35; International – 18; Conference – 20

11. Project carried out:

Project at Master level : 30

PhDs : 6

12. Patents : 12 (Filed)

13. Technology Transfer :

14. Research publication :

15. No. of books published with detail : 04

1. Nanotechnology based drug delivery and targeting

1. Name of the teaching staff : Dr. Sheeja Edwin Jarald

2. Photograph :



3. Date of Birth : 28/06/1977

4. Designation : Principal

5. Area of Specialization : Pharmacognosy

6. Date of Joining the Institution : Aug 06, 2004

7. Education Qualifications :

1. UG B. Pharm. : 1st Class 1999 from Dr. M.G.R Medical Univ.

2. PG M. Pharm : 1st Class 2001 from Dr. M.G.R Medical Univ.

3. PhD : Notified on 18th Nov, 2010 from RGPV Univ.

8. Total Experience in Years :

1. Teaching : 09 Years 7 Months

2. Industry : Nil

3. Research : 7 Years 7 Months

9. Subject teaching at:

Under Graduate level : Pharmacognosy

Post Graduate level : Pharmacognosy

10. Papers Published in:

Master's : National – 40; International – 24; Conference – 49

Ph.D : National – 5; International – 3; Conference – 2

11. Project carried out:

Project at Master level: 15; Ph.D: Nil

12. Patents : 04

13. Technology Transfer :

14. Research publication : 44

15. No. of books published with detail: 03

1. Colour Atlas of Medicinal Plants,

2. Text book of Pharmacognosy and Phytochemistry,

3. Dictionary of Pharmacy

1. Name of the teaching staff : Miss Smita Gupta

2. Photograph :



3. Date of Birth : 05/11/1980

4. Designation : Sr. Lecturer

5. Area of Specialization : Pharmaceutics

6. Date of Joining the Institution : Jan 30, 2003

7. Education Qualifications :

1. UG B. Pharm. – IInd Division in 2002 from RGPV Univ.

8. Total Experience in Years :

1. Teaching : 8 Years

2. Industry : Nil

3. Research : Nil

9. Subject teaching at:

Diploma level : Pharmaceutics; HCP

10. Papers Published in : National: 10; Conference: 01

11. Project carried out : Nil

12. Patents : Nil

13. Technology Transfer : Nil

14. Research publication : Nil

15. No. of books published with detail: Nil

1. Name of the teaching staff : Mr. Deepak Jain

2. Photograph :



3. Date of Birth : 12/03/1979

4. Designation : Sr.Lecturer

5. Area of Specialization : Pharmacognosy, Marketing

6. Date of Joining the Institution : Aug 8, 2006

7. Education Qualifications :

1. UG B. Pharm : Ist Division – 2001 from RGPV Univ.,Bhopal

2. PG MBA (DE) : IInd Division – 2005 from DAVV Univ., Indore

3. Others : PGDCA, CCA

8. Total Experience in Years

1. Teaching : 6 Years

2. Industry : Nil

3. Research : Nil

9. Subject teaching at:

Diploma level : Pharmacognosy; DSBM

10. Papers Published in : 03 in National Level

11. Project carried out : Nil

12. Patents : Nil

13. Technology Transfer : Nil

14. Research publication : Nil

15. No. of books published with detail: Nil

1. Name of the teaching staff : Miss. Sarika Jain
2. Photograph :



3. Date of Birth : 14/09/1982
4. Designation : Lecturer
5. Area of Specialization : Nil
6. Date of Joining the Institution : Dec 14, 2007
7. Education Qualifications :
1. UG B. Pharm : 1st Class 2006 from RGPV Univ.
2. D.Pharma : 1st Class 2003 from RGPV Univ.
8. Total Experience in Years :
1. Teaching : 3 Years
2. Industry : Nil
3. Research : Nil
9. Subject teaching at:
Diploma level : Pharmaceutics –II; Biochemistry
10. Papers Published in : 03 in National; 01 in Conference
11. Project carried out : Nil
12. Patents : Nil
13. Technology Transfer : Nil
14. Research publication : Nil

1. Name of the teaching staff : Miss. Supriya Nagori

2. Photograph :



3. Date of Birth : 07/04/1987

4. Designation : Lecturer

5. Area of Specialization : Nil

6. Date of Joining the Institution : Oct 08, 2007

7. Education Qualifications :

1. UG B. Pharm : 1st Class 2007 from RGPV Univ.

8. Total Experience in Years

1. Teaching : 3 Years 2 Months

2. Industry : Nil

3. Research : Nil

9. Subject teaching at:

Diploma level: Pharmachemistry – I and II

10. Papers Published in : 02 in Conference

11. Project carried out : Nil

12. Patents : Nil

13. Technology Transfer : Nil

14. Research publication : Nil

15. No.of books published with detail: Nil

1. Name of the teaching staff : Miss. Yogita Jain

2. Photograph :



3. Date of Birth : 22/09/1985

4. Designation : Lecturer

5. Area of Specialization : Nil

6. Date of Joining the Institution : Feb 2, 2010

7. Education Qualifications :

1. UG B. Pharm : 1st Class 2007 from RGPV Univ.

8. Total Experience in Years

1. Teaching : 1 Year 2 Months

2. Industry : Nil

3. Research : Nil

9. Subject teaching at :

Diploma level : HAP and Pharmacology

10. Papers Published in : Nil

11. Project carried out : Nil

12. Patents : Nil

13. Technology Transfer : Nil

14. Research publication : Nil

15. No.of books published with detail: Nil

1. Name of the teaching staff : Mr.Narendra Silawat

2. Photograph :



3. Date of Birth : 12/06/1984

4. Designation : Lecturer

5. Area of Specialization : Pharmacology

6. Date of Joining the Institution : July 12, 2008

7. Education Qualifications :

1. UG B. Pharm.: 1st Class 2006 from RGPV Univ.

2. PG M. Pharm: 1st Class 2008 from RGPV Univ.

3. PhD : Ongoing from Jodhpur Univ.

8. Total Experience in Years

1. Teaching : 02 Years

2. Industry : Nil

3. Research : Nil

9. Subject teaching at:

Diploma level : HCP, Pharmaceutics

Undergraduate level :

Post graduate level : Pharmacology

10. Papers Published in:

Master's: National – 40; International – 20; Conference-

Ph.D: National – 40; International – 20; Conference-

11. Project carried out:

Project at Master level: 03; Ph.D : Nil

12. Patents : Nil

13. Technology Transfer :

14. Research publication :

15. No.of books published with detail: Nil

VIII. FEE

A) DETAILS OF FEE, AS APPROVED BY STATE FEE COMMITTEE, FOR THE INSTITUTION:

NOTICE

As per Fee Fixation Committee Fee will be charged from Student who are admitted in 2010-11 batch as follows:

B. R. Nahata college of Diploma Course, Mandsaur (M.P.)

REVISED

D. Pharma Fee Structure 2010-12

(for students who admitted in session 2010-12)

S. No.	PARTICULARS	AMOUNT		AMOUNT II end Year Yr.2011-12
		I st Year		
		Ad.Yr. 2010-11		
		I Sem	II Sem	
	<u>APPROVED TUITION & RGPV FEE</u>			
1	College Caution Money	1500	0	0
2	Tuition Fee	15250	15250	30500
	<u>COLLEGE FEE</u>			
3	Development Fund(Acriditaion)	2000	2000	4000
4	Spic Macay	50	0	50
5	Parents Management Association(PMA)	25	0	25
6	Student Safety Insurance	50	0	50
	Total Fee	18875	17250	34625

Payment Mode: Local Cheque/ DD in favor of "B. R. Nahata College of Diploma Courses."
DD payable at Mandsaur (M.P.)

Fee Installments

:	For General & OBC Category	
1	At the time of counselling	9500
2	At the time of Admission in College	8815
3	Remaining fees will be deposited when comencement of II nd sem.	17810
	For SC/ST Category	
	At the time of Admission in College (Counselling Fee Rs.500/- added)	18815
2	Remaining fees will be deposited when comencement of II nd sem.	17810

OPTIONAL

FEE:

Transportation :	Per Semester	3500
Hostel :	Rs. 950/- per month	
	Hostel Caution Money (One Time)	1200
Mess :	Rs.1525/- per month	
	The Hostel & Mess fees will be charged Semester wise	
BEC Exam Fee :	Cambridge University - Level - I	2500
	Cambridge University - Level - II	2500

BY STATE FEE COMMITTEE: 500/-Per Month

B) TIME SCHEDULE FOR PAYMENT OF FEE FOR THE ENTIRE PROGRAMME:

In two installment July and Dec

C) NO. OF FEE WAIVERS GRANTED WITH AMOUNT AND NAME OF STUDENTS:

NA

D) NUMBER OF SCHOLARSHIP OFFERED BY THE INSTITUTE, DURATION AND AMOUNT:

As per institutional norms

E) CRITERIA FOR FEE WAIVERS/SCHOLARSHIP:

As per institutional norms

F) ESTIMATED COST OF BOARDING AND LODGING IN HOSTELS.

Optional: 950/-

IX. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE LIBRARY:

- Number of Library books/Titles/Journals available (Programme-wise):

No of Library Books : 3841

No of Titles : 200

No of Journals : 15

- List of online National/International Journals subscribed:

Technical National International Journal (Online)

S. No.	Name of Technical / Journal / Magazine	National / International	Online
01	Clinical Therapeutics	International	online
02	European Journal of Medicinal chemistry	International	“
03	Food and Chemical Toxicology	National	“
04	Forensic Science	National	
05	AAAS Science	International	“
06	Legal Medicine	National	“
07	Asian Journal of Pharmaceutics	National	“
08	International journal of Green Pharmacy	International	“

- E-Library: Yes

X. LABORATORY:

- For each Laboratory
- List of Major Equipment/Facilities:

Pharmaceutical Chemistry Lab Diploma:

Particulars	Closing Balance		
	Quantity	Rate	Value
Citizen Balance – PHS-200	2.00 No.	1800.00	3600.00
Kipp's Apparatus	1.00 No.	1265.00	1265.00
Melting Point Apparatus	1.00 No.	2500.00	2500.00
Test Sieves	4.00 No.	540.00	2160.00
Grand Total	8.00 No.		9525.00

Pharmaceutics Lab Diploma:

Particulars	Closing Balance		
	Quantity	Rate	Value
Calibration of Venturimeter and Orificemeter	1.00 No.	25240.00	25240.00
Capsule Filling Machine	1.00 No.	21950.00	21950.00
Heater Coil For Autoclave	2.00 No.	202.00	404.00
Hot Air Oven (Alu. Chamber)	1.00 No.	6390.00	6390.00
Soxhlet Extration Heater	4.00 No.	5450.00	21800.00
Tablet Hardness Tester (Monsanto)	2.00 No.	1225.89	2451.78
Grand Total	11.00 No.		78235.78

Particulars	Closing Balance		
	Quantity	Rate	Value
Electronic Balance	1.00 No.	62000.00	62000.00
Photo Electric Colorimeter	1.00 No.	11600.00	11600.00
Test Sieve	19.00 No.	580.00	11020.00
Grand Total	21.00 No.		84620.00

Pharmacology and Pharmacognosy Lab Diploma:

Particulars	Closing Balance		
	Quantity	Rate	Value
Anatomical Specimen	5.00 No.	335.00	1675.00
Bar for Rotaspin Rotary Mixer	1.00 No.	2800.00	2800.00
B.P. Apparatus (Mercury Type)	15.00 No.	950.00	14250.00
Bunsen Burner	20.00 No.	165.00	3300.00
Digital Colorimeter	1.00 No.	5183.00	5183.00
Disc For Rota Spin	1.00 No.	2600.00	2600.00
Feeding Bottel	10.00 No.	91.00	910.00
Heamocytometer	20.00 No.	474.00	9480.00
Heamoglobinometer	5.00 No.	401.00	2005.00
Hot Air Oven	3.00 No.	6972.00	20916.00
Incubator	1.00 No.	11400.00	11400.00
Magnetic Stirrer	1.00 No.	9400.00	9400.00
Micropipette	2.00 No.	3240.00	6480.00
Motorless Magnetic Stirrer	1.00 No.	3500.00	3500.00
Plastic Animal Cage	10.00 No.	720.00	7200.00
Pricking Needle	6.00 No.	60.00	360.00
Rabit Holder	5.00 No.	1250.00	6250.00
Rabbit Cage	6.00 No.	2050.00	12300.00
Refractometer	1.00 No.	8395.00	8395.00
Rotaspin	1.00 No.	18000.00	18000.00
Rotaspin Rotatory Mixer	1.00 No.	19000.00	19000.00
Sofskin Purple Gloves	1 pkt No.	725.00	725.00
Soxhelet Extraction Unit	4.00 No.	5450.00	21800.00
Stethscope	15.00 No.	145.00	2175.00
Tele Thermometer	1.00 No.	6022.00	6022.00
Test Sieves	4.00 No.	597.13	2316.52
Vaccum Pump	1.00 No.	10800.00	10800.00
Grand Total	11.00 No.		209242.52

XI. COMPUTING FACILITIES:**19. Computer Facilities for the existing programme(s)**

S.No	Particulars	Requirements as per Norms Technical 1:4/Pharmacy/HMCT 1:6		Availability	
1.	No of Computer terminals			20	
2.	Hardware Specification			Celeron 2.1 GHz, 8485 Intel MB, 128 RAM, 40 GB HDD, Floppy drive, 15 Inch CRT monitors, 110 keyboard, 3 button mouse-11 P-III MHz, 8085 Intel MB, 128 RAM, 10 GB HDD, 15 Inch CRT monitors, keyboard, 3 button mouse-10 Dual Core 1.6 GHz, 84895 Intel MB, 512 RAM, 80 GB HDD, 15 Inch LCD monitors, keyboard, 3 button mouse- 01	
3.	No of terminals of LAN/WAN	P4 Processor/Latest Configuration		21	
4.	Relevant Legal Software	Application 5	System 1	Ms office 2003, WinZip8.0,ACSEE,TENSE BOOSTER, DELPLUS (Client and server)	Windows XP (Professional)
5.	Peripheral(s)/ Printers 1:10			02	
6.	Internet Accessibility (in kbps & hrs)			3MBps (Broad band Airtel)	

Whether the computer facilities are suitable for the existing programmes? Yes No

XII. WORKSHOP:• **List of facilities available. :**

- | | | |
|-------------------------------|---|----|
| a. Canteen | – | 01 |
| b. Parking | – | 02 |
| c. Girls common room | – | 01 |
| d. .Boys common room (Toilet) | – | 01 |
| e. Guest house | – | 01 |

f. First aid room – 01

• **Games and Sports Facilities:**

Indoor Sports facilities:

Table tennis
Carom Board
Badminton

Outdoor Sports facilities:

Football
Basketball
Cricket
Athletics

Play ground: 02

- **Extra Curriculum Activities** : Available
- **Soft Skill Development Facilities** : Available
- **Number of class rooms and size of each** : 02 & 212.40 Sq Mt each
- **Number of Tutorial rooms and size of each** : 01 & 54.00 Sq Mt
- **Number of laboratories and size of each** : 04
 1. Pharmachemistry Lab – 107.01 Sq. Mt
 2. Pharmaceutics Lab – 107.01 Sq. Mt
 3. Pharmacology Lab – 106.02 Sq. Mt
 4. Pharmacognosy Lab – 106.02 Sq. Mt
- **Number of drawing hall s and size of each:** NA
- **Number of Computer Centres with capacity of each :** 01 & 20
- **Central Examination Facility, Number of rooms and capacity of each:** 02 and 60 each

XIII. TEACHING LEARNING PROCESS:

- **Curricula and syllabi for each of the programme as approved by the University:**

RGPV Syllabus are used

- **Academic Calendar of the University** : As per RGPV
- **Academic Time Table** : As per RGPV
- **Teaching Load of each Faculty** : As per AICTE
- **Internal Continuous Evaluation System and place:** Yes, three in a year
- **Students' assessment of Faculty, System in place:**

Yes, once in year the faculty is assessed by student in form of student faculty feedback

NOTE: Suppression and /or Misrepresentation of information would attract appropriate penal action.

**DIPLOMA - I Year
PRACTICAL LIST
Session – 2009 – 10
SUBJECT – PHARMACOGNOSY**

Prepared By: - Deepak Jain

- Experiment No: - 1. To study the morphological characters of the given crude drug. (Fennel)
Experiment No: - 2. To study the morphological characters of the given crude drug. (Coriander)
Experiment No: - 3. To study the morphological characters of the given crude drug. (Clove)
Experiment No: - 4. To study the morphological characters of the given crude drug. (Cardamom)
Experiment No: - 5. To study the morphological characters of the given crude drug. (Black Peper)
Experiment No: - 6. To study the morphological characters of the given crude drug. (Nutmeg)
Experiment No: - 7. To study the morphological characters of the given crude drug. (Nux-vomica)
Experiment No: - 8. To study the morphological characters of the given crude drug. (Nim)
Experiment No: - 9. To study the morphological characters of the given crude drug. (Curcuma)
Experiment No: - 10. To study the morphological characters of the given crude drug. (Amla)
Experiment No: - 11. To study the morphological characters of the given crude drug. (Liquorice)
Experiment No: - 12. To study the morphological characters of the given crude drug. (Garlic)
Experiment No: - 13. To study the morphological characters of the given crude drug. (Shatavari)
Experiment No: - 14. To study the morphological characters of the given crude drug. (Shankhpushpi)
Experiment No: - 15. To study the morphological characters of the given crude drug. (Ginger)
Experiment No: - 16. To study the morphological characters of the given crude drug. (Ispaghula)
Experiment No: - 17. To study the morphological characters of the given crude drug. (Diascorea)
Experiment No: - 18. To study the morphological characters of the given crude drug. (Gokhru)
Experiment No: - 19. To study the morphological characters of the given crude drug. (Aloe)
Experiment No: - 20. To study the morphological characters of the given crude drug. (Senna)
Experiment No: - 21. To study the morphological characters of the given crude drug. (Ajowan)
Experiment No: - 22. To study the morphological characters of the given crude drug. (Ashwagandha)
Experiment No: - 23. To study the morphological characters of the given crude drug. (Rhubarb)
Experiment No: - 24. To study the morphological characters of the given crude drug. (Cinchona)
Experiment No: - 25. To study the morphological characters of the given crude drug. (Vinca)
Experiment No: - 26. To study the morphological characters of the given crude drug. (Tulsi)
Experiment No: - 27. To study the morphological characters of the given crude drug. (Opium)
Experiment No: - 28. To study the morphological characters of the given crude drug. (Arjuna)
Experiment No: - 29. To study the microscopical characters of the given drug. (Fennel)
Experiment No: - 30. To study the microscopical characters of the given drug. (Clove)
Experiment No: - 31. To study the microscopical characters of the given drug. (Ginger)
Experiment No: - 32. To study the microscopical characters of the given drug. (Datura)
Experiment No: - 33. To study the microscopical characters of the given drug. (Senna)
Experiment No: - 34. To study the given drug on the basis of identification characters. (Arachis oil)
Experiment No: - 35. To study the given drug on the basis of identification characters. (Castor oil)
Experiment No: - 36. To study the given drug on the basis of identification characters. (Honey)
Experiment No: - 37. To study the given drug on the basis of identification characters. (Olive oil)
Experiment No: - 38. To study the given drug on the basis of identification characters. (Arachis oil)

B.R. Nahata College of Pharmacy, Mandsaur

D. Pharmacy - II Year

Subject – Pharmaceutics

List of Practicals - 2009-10

Prepared By: - Smita Gupta

Experiments:

1. To Prepare & submit foundation cream.
2. To Prepare & submit powder depilatory
3. To Prepare & submit solution having chemical incompatibility.
4. To Prepare & submit ear drops
5. To Prepare & submit compound carbonate powder
6. To Prepare & submit sodium chloride & dextrose powder
7. To Prepare & submit zinc oxide paste
8. To Prepare & submit simple ointment
9. To Prepare & Submit mixture containing Diffusible solids
10. To Prepare & Submit simple mixture
11. To Prepare & Submit castor oil emulsion.
12. To Prepare & Submit liquid paraffin emulsion
13. To Prepare & Submit lather shaving cream
14. To Prepare & Submit acid balanced shampoo
15. To Prepare & Submit calamine ointment
16. To Prepare & Submit wool alcohol ointment
17. To Prepare & Submit salicylic acid ointment
18. To Prepare & Submit face powder
19. To Prepare & Submit hydrogen peroxide ear drops
20. To Prepare & Submit glycerin mag. Sulphate ear drops
21. To Prepare & Submit angle of repose
22. To Prepare & Submit aluminium acetate ear drops
23. To Prepare & Submit camphor liniment
24. To Prepare & Submit white liniment
25. To Prepare & Submit Phenol glycerin gargles
26. To Prepare & Submit Phenol glycerin ear drop
27. To Prepare & Submit viscosity of ethanol by ostwald viscometer
28. To Perform Weight Variation Test for given tablet.
29. To determine the surface tension of ethanol using stalagmometer
30. To determine the critical micelle concentration (CMC) of a surfactant Tween -40 using Stalagmometer
31. To determine the swelling capacity of powder
32. To determine water retention capacity (Hydration capacity) of the Powder
33. To evaluate the orodispersible tablet of Permethazine theoclate
34. To determine the contents of the packed dosage form
35. To determine the HLB Value of given surfactant Tween -80
36. To determine the effect of factors such as viscosity and pressure Difference over Rate of preparation
37. To Prepare & Submit lipstick
38. To Prepare & Submit magnesium sulphate enema
39. To Prepare & Submit potassium permanganate gargles
40. To Prepare & Submit kaolin poultice
41. To Prepare & Submit lassar paste
42. To Prepare & Submit soap enema
43. To Prepare & Submit friability rate of given tablets
44. To Prepare & Submit calamine lotion
45. To Prepare & Submit sodium bicarbonate eardrops
46. To Prepare & Submit starch mucilage
47. To Prepare & Submit baby powder
48. To Prepare & Submit cleansing cream
49. To Prepare & Submit deodorant powder
50. To Prepare & Submit aftershave lotion.

B.R. Nahata College of Pharmacy, Mandsaur

D. Pharmacy - I Year

Subject - Pharmaceutics - I

List of Practicals – 2009-10

Prepared By: - SMITA GUPTA

Experiments:

1. To Prepare & Submit camphor water.
2. To Prepare & Submit chloroform water.
3. To Prepare & Submit double strength chloroform water.
4. To Prepare & Submit camphor liniment.
5. To Prepare & Submit calamine lotion.
6. To Prepare & Submit salicylic acid.
7. To Prepare & Submit potassium permanganate lotion.
8. To Prepare & Submit certimide lotion.
9. To Prepare & Submit zinc sulphate lotion.
10. To Prepare & Submit castor oil emulsion.
11. To Prepare & Submit soap spirit.
12. To Prepare & Submit calamine ointment.
13. To Prepare & Submit wool alcohol ointment.
14. To Prepare & Submit simple syrup.
15. To Prepare & Submit simple ointment.
16. To Prepare & Submit peppermint water.
17. To Prepare & Submit simple syrup.
18. To Prepare & Submit oily calamine lotion.
19. To Prepare & Submit salicylic ointment.
20. To Prepare & Submit zinc ointment.
21. To Prepare & Submit zinc castor oil ointment.
22. To Prepare & Submit strong iodine solution.
23. To Prepare & Submit aqueous Iodine Solution.
24. To Prepare & Submit cresol with soap solution.
25. To Draw & study a single Punch Tablet Machine.

B.R. Nahata College of Pharmacy, Mandsaur

D. Pharmacy – II Year

Subject - HCP

List of Practicals – 2009-10

Prepared By: - Sarika Jain

Experiments:

1. To Draw & study the working of operation table.
2. To Prepare & Submit O.R.S. solution
3. To Draw & study the working of hot air oven
4. To Prepare & Submit sodium carbonate intravenous infusions.
5. To Prepare & Submit mannitol intravenous infusions
6. To evaluate the absorbent cotton wool
7. To Prepare & Submit sodium chloride injections
8. To Prepare & Submit haemodialysis solution
9. To evaluate calcium carbonate powder.
10. To evaluate the magnesium carbonate powder IP
11. To Prepare & Submit zinc oxide & starch Dusting powder
12. To Evaluate Bentonite powder
13. To Prepare & Submit Intraperitoneal dialysis solution
14. To Determine Number Of Threads Of Absorbent Cotton Gauze
15. To Draw and Study the incubator
16. To Test water for injection prepared by distillation as per
17. To Prepare & Submit Sodium chloride hypertonic solution
18. To Determine the Loss Of Drying in absorbent cotton
19. To Draw & study The working of autoclave

B.R. Nahata College of Pharmacy, Mandsaur

D. Pharmacy – II Year

Subject - Pharmacology

List of Practicals – 2009-10

Prepared By: - Supriya Nagori

Experiments:

1. To Prepare Physiology Salt Solution (Frog Ringer Solution).
2. To Prepare Physiology Salt Solution (Tyrode Solution).
3. To Study the effect of diazepam on the locomotor's activity of the mice using actophotometer.
4. To perform the study of various experimental laboratory animals.
5. To draw and study the working of pole climbing apparatus.
6. To draw and study the working of rota rod apparatus.
7. To study the effect of given drug on rabbit eye (Atropine).
8. To study the given drug on rabbit eye (Pilocarpine).
9. To study the given drug on rabbit eye (Cyclopentolate).
10. To compare the mydriatic effect of given drug on rabbit eye. (Atropin,Cyclopentolate).
11. To draw and study the analgesiometer:
 - a) Tail Flick Method
 - b) Hot Plate Method
12. To study the analgesic effect of Diclofenac Sodium in mice using tail flick method.
13. To study the analgesic effect of Diclofenac Sodium in mice by using hot plate method.
14. To study the various route of administration of the drug.
15. To draw and study the working of electro convulsometer.
16. To draw and study the various parts of organ bath.
17. To draw and study the anxiolytic effect of diazepam in mice using dark and light model.
18. Define toxicology and study the toxicity of various drugs.

B.R. Nahata College Of Pharmacy, Mandsaur (M.P.) – 458001

Diploma in Pharmacy – I year

Subject – HAP

List of Practicals for the Session – 2009-10

Prepared By: - Yogita Jain

Experiments:

1. To draw and study of labeled diagram of the Skeleton System by using chart.
2. To draw and study of labeled diagram of the Nervous System by using chart.
3. To draw and study of labeled diagram of the Human Brain by using chart.
4. To draw and study of labeled diagram of the Digestive System by using chart.
5. To draw and study of labeled diagram of the Sense Organ (Ear) by using chart.
6. To draw and study of labeled diagram of the Cardiovascular System by using chart.
7. To draw and study of labeled diagram of the Male Reproductive System by using chart.
8. To draw and study of labeled diagram of the Female Reproductive System by using chart.
9. To draw and study of labeled diagram of the Cells and their Organelles by using chart.
10. To draw and study of labeled diagram of the Respiratory System by using chart.
11. To draw and study of labeled diagram of the Urinary System by using chart.
12. To determine the blood pressure with the help of Sphygmanometer and Stethoscope.
13. To draw and study of labeled diagram of the Lymph Node by using chart.
14. To study the microscopical examination of Epithelial Tissue.
15. To study the microscopical examination of Connective Tissue.
16. To determine the blood group of your own blood sample.
17. To determine the clotting time of your own blood sample
18. To determine the bleeding of your own blood sample.
19. To determine the percentage of hemoglobin by using Hameoglobinmetre.
20. To study the microscopical examination of Connective Tissue.
21. To study the microscopical examination of Muscular Tissue.
22. To draw and study of labeled diagram of the Sense Organ (Eye) by using chart.
23. To record your own body temperature by using Clinical Thermometer.
24. To recording pulse rate.
25. To demonstrate the estimation of RBCs.
26. To demonstrate the estimation of WBCs.

B.R.NAHATA COLLEGE OF PHARMACY, MANDSAUR

DIPLOMA IN PHARMACY – I Year

(Session 2009-10)

PRACTICAL LIST OF PHARMACEUTICAL CHEMISTRY-I

Prepared By – Yogita Jain

Experiments:-

1. To identify the acid –basic radicals in the given sample. (Copper Sulphate)
2. To identify the acid –basic radicals in the given sample. (Magnesium Carbonate)
3. To identify the acid –basic radicals in the given sample. (Barium Chloride)
4. To identify the acid –basic radicals in the given sample. (Ammonium Phosphate)
5. To identify the acid –basic radicals in the given sample. (Lead Acetate)
6. To Perform the limit tests for Chloride in the given sample.
7. To Perform the limit tests for Sulphate in the given sample.
8. To Perform the limit tests for Iron in the given sample.
9. To perform the assay of given sample of Ammonium Chloride.
10. To perform the assay of given sample of Boric Acid.
11. To perform the assay of given sample of Hydrogen Peroxide.
12. To prepare and standardize approximately 0.1 N Hydrochloric Acid (Acid-Base Titration)
13. To prepare and standardize approximately 0.1 N Sodium Hydroxide (Acid-Base Titration)
14. To prepare and standardize approximately 0.1 N Sulphuric Acid (Acid-Base Titration)
15. To identify the acid –basic radicals in the given sample. (Ammonium Chloride)
16. To identify the acid –basic radicals in the given sample. (Barium Sulphate)
17. To identify the acid –basic radicals in the given sample. (Magnesium Nitrate)
18. To identify the acid –basic radicals in the given sample. (Calcium Chloride)
19. To identify the acid –basic radicals in the given sample. (Zinc Sulphate)
20. To identify the acid –basic radicals in the given sample. (Ammonium Nitrate)

B.R.NAHATA COLLEGE OF PHARMACY, MANDSAUR

DIPLOMA IN PHARMACY – II Year

PRACTICAL LIST OF PHARMACEUTICAL CHEMISTRY-II

Prepared By – Deepak Jain

Experiments:-

1. To prepare and submit benzamide from benzene.
2. To prepare and submit phalamide.
3. To prepare and submit picric acid.
4. To prepare and submit benzil from benzoin.
5. To prepare and submit benzamide from benzylchloride.
6. To prepare and submit acetylsalicylic acid.
7. To prepare and submit penyl ydroxylamine from nitrobenzin.
8. To prepare and submit dibenzilacetone.
9. To prepare and submit metadinitrobenzine from nitrobenzene.
10. To prepare and submit phenylaza B-napthal from aniline.
11. To prepare and submit phenylbenzoate.
12. To prepare and submit benzaldehyde phenylhydrozione.
13. To prepare and submit benzoal glycene.
14. To prepare and submit benzanilide from aniline and benzylchloride.
15. To perform the identification test of given sample of organic compound.
16. To perform the identification test of given sample of organic compound.
17. To perform the identification test of given sample of organic compound.
18. To perform the identification test of given sample of organic compound.
19. To perform the identification test of given sample of organic compound.
20. To prepare & characterized 7-hydroxy-4methyl coumarin.
21. To perform the identification test of given sample of organic compound.
22. To perform the identification test of given sample of organic compound.
23. To prepare and submit 5, 5-diphenylhydrantion.
24. To prepare and submit parabromo acetoniide.
25. To prepare & characterized phthalide frome phtnalamide.
26. To prepare & characterized acetaminophen.
27. To prepare and submit benzilicacid from benzil.
28. To perform the identification test of given sample of organic compound.
29. To perform the identification test of given sample of organic compound.
30. To perform the identification test of given sample of organic compound.
