

Academic & Administrative Audit Report

Of

SUDHAKARRAO NAIK INSTITUTE OF PHARMACY PUSAD

Academic year: 2014 - 15

Performed by

Principal Dr. Dharmadhikari N.S.

Educationist, PUNE

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ACADEMIC AND ADMINISTRATIVE AUDIT REPORT 2014 -2015

01	Name of the College:	SUDHAKARRAO NAIK INSTITUTE OF PHARMACY, PUSAD	
02	Year of establishment :	1984	

3) Courses offered: UG, PG, M.Phil., Ph.D.

Year	UG	PG	M.Phil	Ph.D
2014-15	B. Pharm	M. Pharm in Pharmaceutics	Nil	Ph. D. in Pharmaceutical Sciences
		M. Pharm in Industrial Pharmacy		
		M. Pharm in Pharmacology		
	B. Pharm	M. Pharm in Pharmaceutics	Nil	Ph. D. in Pharmaceutical Sciences

4) Skill/Job/Add on/Value added Courses introduced (syllabi designed by College)

Name of the value added courses (with 30 or more contact hours) offered during last five years	Course Code	Year of offering	No. of times offered during the same year	Number of students enrolled in the year
Sophisticated instrument handling	CCSNIOP1	2012-13	1	25
Sophisticated instrument handling	CCSNIOP1	2013-14	1	23
Sophisticated instrument handling	CCSNIOP1	2014-15	1	25

5) Interdisciplinary/Interdepartmental/Twinning programs offered and departments involved.

NIL

6) Courses conducted in collaboration with Industries, other universities and Institutions:

NIL

7) State Programs relating curriculum with cross cutting issues conducted:

Four girls sent for Women employment on 23rd Jan 2015 during the session 2014– 15.

8) Examination System: Annual/Semester/Choice Based Credit System/Credit and Grading system/
any other system, specify:

Semester

9) Whether e-Governance is in practice? **YES**

10) Code, conduct, professional ethics, core values for staff, students documented? **YES**

11) Whether well defined College organizational structure, functions of various College comm.. are documented and implemented? **Yes**

12) A: Whether staff is involved in decision making? **Yes**

B: State encouragement techniques, incentives and welfare measures for staff and students

13) Number of teaching posts sanctioned, filled and vacant.

Designation	Sanctioned	Filled	Filled under CAS/Management
Professor	3	02	00
Associate Professor	8	03	00
Assistant Professor	12	01	11
Total	23	06	11

14) Faculty profile with name, qualification, designation, experience, nature of appointment

(confirmed/probation/temporary):

a) Appointed on Government Sanctioned Post.

Name	Designation	Qualification	Teaching/Research Experience	Name of appointment
Dr. D. M. Sakarkar	Professor and Principal	M. Pharm, Ph. D	24 years 10 months	Confirmed
Prof. Dr. P. S. Kawtikwar	Professor	M. Pharm, Ph. D	20 years 10 months	Confirmed
Prof. A. S. Pratapwar	Asso. Professor	M. Pharm	20 years 10 months	Confirmed
Prof. Dr. R. S. Wanare	Asso. Professor	M. Pharm, Ph. D	15 years 6 month	Confirmed
Prof. Dr. V. N. Deshmukh	Asso. Professor	M. Pharm, Ph. D	10 years 8 months	Confirmed
Prof. Dr. R. B. Wakade	Asst. Professor	M. Pharm, Ph. D	9 years 10 months	Confirmed

a) Appointment from College/Management Fund

Name	Designation	Qualification	Teaching/Research Experience	Name of appointment
Prof. A.M. Mahale	Asst. Professor	M. Pharm	9 years 9 months	Temporary
Dr. A.A. Harsulkar	Asst. Professor	M. Pharm, Ph. D	8 year 11 months	Temporary
Dr.R.J. Mandade	Asst. Professor	M. Pharm, Ph. D	7 years 11 months	Temporary
Prof. V.J. Masirkar	Asst. Professor	M. Pharm	8 years 6 month	Temporary
Dr. S. N. Kshirsagar	Asst. Professor	M. Pharm, Ph. D	8 years 3 month	Temporary

Dr. Y. R. Dhurve	Asst. Professor	M. Pharm, Ph. D	10 years 10 months	Temporary
Dr. S. V. Tembhrune	Asst. Professor	M. Pharm, Ph. D	9 years 10 months	Temporary
Dr. A. R. Tapas	Asst. Professor	M. Pharm, Ph. D	8 year 11 months	Temporary
Prof. A. N. Waghmare	Asst. Professor	M. Pharm	7 year 11 months	Temporary
Prof. J.K. Jadhav	Asst. Professor	M. Pharm	8 year 11 months	Temporary
Dr. D. V. Dhanorkar	Asst. Professor	M. Sc. Ph. D	5 year 11 months	Temporary

15) List of Visiting Fellows/Teachers, Academic/Industry experts

Sr.No.	Name	Visiting Department
1	Ms. Yannawar	Maths
2	Mr. K. R. Jajoo	Computer
3	Mr. Tiwarangkar	Environmental Science
4	Mr. Mardane	Biostatistics

16) Percentage of classes taken by temporary/visiting faculty

(programme - wise information)

Sr.No.	Program	Percentage
1.	B. Pharm	7.5%
2.	M. Pharm	5 %

17) Programme-wise Student Teacher Ratio & computer : student Ratio

Programme	Student Teacher Ratio	Computer: Student Ratio
B. Pharm	1:17	1:5.1

18) Number of academic support staff (technical) and administrative staff sanctioned, filled and

vacant:

Sr.No.	Posts	Sanctioned Post	Filled on roll	Filled by Management	Total Filled
1.	Technician	4	0	0	0
2.	Laboratory Assistant/ Attendant	14	0	13	13
3.	Clerk (office)	2	0	2	2
4.	Peon	2	0	3	3
5.	Office Superintendent	1	0	1	1
6.	Store Keeper	1	0	1	1
7.	Accountant	1	0	1	1
8.	Computer Data Operator	1	0	0	0
9.	Gardener	1	0	1	1
10	Electrician	1	0	1	1

19) Information about research grants, projects completed and ongoing

a) From International/National funding:

Sr.No.	Name of the Principal Investigator (Co-investigator)	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
			NIL		

(b) From NGO, Industry, Individual, any funding agencies:

Sr.No.	Name of the Principle Investigator (Co-investigator)	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
			NIL		

20) Linkages/Functional MOU'S)/collaboration (details regarding revenue generated, Faculty & Students Exchange program, research, Internship, On job training, Field projects), Funds received through DST-FIST; CSIR, UGC-CAS, DAE, BRNS, ICSSR, AICTE, INCHR, ICSSR, etc.

Sr.No.					
			NIL		

21) Publications:

Sr. No.	Papers published (more than 10 citations, in data base) in peer reviewed journals	Reference Books/Chapters/book written
1	Development of Mosquito Repellent Formulations and Evaluation for its Activity Shubhangi S. Bhide, Babita H. More, Suvarna P. Gajare, Sachin V. Tembhone. World Journal of Pharmaceutical Research3(2), 2910-2917 ISSN No: 2277-7105	

2	Pharmacognostical and Physico-Chemical Standardization of ShatavariChurna: An Official Ayurvedic Formulation. P. S. Kawtikwar,A.. V. Pathak,D. M. Sakarkar <i>Research J. Pharm. and Tech.</i> 8(11),1495 ISSN No: 0974-3618	
3	Pharmacognostical and Physico-Chemical Standardization of TriphalaGugguluVati: An official Ayurvedic Formulation P. S. Kawtikwar,A.. V. Pathak,D. M. Sakarkar,D. M. Sakarkar <u>Journal of Innovations in Pharmaceuticals and Biological Sciences</u> <u>www.jipbs.comJIPBS, Vol 2 (4), 494-505.</u> ISSN No: 2349-2759	
4	Report on antimicrobial activity and phytochemical screening of curcuma longa linn. P.R. Dahake and S.I. Kamble International Referred Multidisciplinary Journal of Contemporary Research. Vol III (I) ISSN No: 2319-5789	
5	Preliminary phytochemical investigation and study on antimicrobial activity of tridaxprocumbenslinn. P.R. Dahake and S.I. Kamble International Referred Multidisciplinary Journal of Contemporary Research. Vol III (I) ISSN No: 2319-5789	

22) Details of patents/ copy rights/ Gene sequence/IPR filed & granted and income generated:

Sr. No.	Details of Filed	Income Generation
	NIL	

23) Consultancy services provided, name of the teachers and income generated, Revenue ratio:
Institution: faculty

Sr. No.	Year	Name of the teacher/Department	Nature of Consultancy	Funds generated with ratio of coll.: faculty
		NIL		

24) Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Sr. No	Name of Teacher	Details
	NIL	

25) Details of Seminars, Workshops conducted on Intellectual property rights (IPR) & Commercialization of IPR. **NIL**

- 26) Whether learner assessment test, identification of slow/ advance learners done & accordingly guidance given & Mentorship is in existence

Sr. No	learner assessment test & identification of slow/ advance learners done	Mentor : Mentee Ratio
	Yes	1: 17

- 27) Participation of teachers in various academic/professional competency& ethics activities & in committees on University level, Sate, National, International level (give details)

Sr. No	Name of Teacher	Details
1.	Dr. P. S. Kawtikwar	Member, Subject Examination Committee for B. Pharm and M. Pharm Courses) 29/12/14 & 06/01/2014 , 20/02/14,
2.	Dr.V.N.Deshmukh	Member, Subject Examination Committee for B. Pharm and M. Pharm Courses) 20/02/2014 & 06/01/2014 ,29/12/2014
3	Prof.A.S.Pratapwar	Member, Subject Examination Committee for B. Pharm and M. Pharm Courses) 20/02/2014

- 28) Deputation of Students to outside Academic/ Social Activities (Department Wise)

Sr. No	Name of Student	Details
		NIL

- 29) Details of teachers on international level (Fellowship/ Advanced study)

Sr. No	Name of Teacher	Awards/Prizes and Recognitions
		NIL

- 30) Awards/Prizes and recognitions received by teachers at university, State, national and International level.

Sr. No	Name of Teacher	Awards/ Prizes
		NIL

- 31) Awards/Prizes and recognitions received by students at university, State, national and International level.

Sr. No	Name of Student	Awards/ Prizes
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		NIL	
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32) Details of Seminars/ Conferences/ Workshops organized at university, state, national and International level and the source of funding with details:

Sr. No.	Name of Conference/ Seminars/Workshops	Funding agency	No. of Participants	University/State/National/ International	Dates
			NIL		

33) Student profile program-wise at UG and PG

Program	Applications Received	No. of students admitted	Seats Available	Male	Female	Total	Year
B.Pharm	60	60	60	34	26	60	2014-15
M.Pharm (Pharmaceutics)	05	05	18	03	02	05	2014-15
M.Pharm (Industrial Pharmacy)	00	00	13	00	00	00	2014-15
M.Pharm (Pharmacology)	00	00	10	00	00	00	2014-15

34) Results of students at UG and PG, Rank holders.

RESULT ANAYSIS WINTER 2014-15 (ODD SEM)

Class	No. of Students					
	Appeared	Passed	Failed	Passed with First class	Passed in Second Class	% Result
B. PHARM						
B. Pharm I sem	62	21	41	21	00	33.87
B. Pharm III sem	74	28	46	21	07	37.84
B. Pharm V sem	72	29	43	25	04	40.28
B. Pharm VII sem	65	53	12	52	01	81.54
M. PHARM						
Pharmaceutics I Sem	05	05	00	05	00	100
Industrial Pharmacy I Sem	00	00	00	00	00	00
Pharmacology I Sem	00	00	00	00	00	00
Pharmaceutics III Sem	11	11	11	11	00	100
Industrial Pharmacy III Sem	00	00	00	00	00	00
Pharmacology III Sem	01	01	00	01	00	100

RESULT ANALYSIS SUMMER 2014-15 (EVEN SEM)

Class	No. of Students					
	Appeared	Passed	Failed	Passed with First class	Passed in Second Class	% Result
B. PHARM						
B. Pharm II sem	59	24	35	24	00	40.68
B. Pharm IV sem	72	32	40	27	05	44.44
B. Pharm VI sem	72	52	20	47	05	72.22
B. Pharm VIII sem	62	60	05	54	01	92.37
M. PHARM						
Pharmaceutics II Sem	05	05	00	05	00	100
Industrial Pharmacy II Sem	00	00	00	00	00	00
Pharmacology II Sem	00	00	00	00	00	00
Pharmaceutics IV Sem	11	11	00	11	00	100
Industrial Pharmacy IV Sem	00	00	00	00	00	00
Pharmacology IV Sem	01	01	00	01	00	100

35) Whether coaching facility for competitive Exams & vocational education training give?

Number of students appeared/cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data.

MPSC/UPSC	NET/ SET	GATE	Other Exams	Total
		Appeared 37 Passed 04		

36) Student progressing/ placement records: Number/percentage of students proceeded for higher studies, students placed/ self employed.

A:	Number/percentage of students proceeded for higher studies	students placed	Self employed.	
	27 / 9.34%	12 / 4.15%	Nil	

B:				

37) Faculties who receive M.Phil., Ph.D., D.Sc., / D.Lit: Output of Ph.D. awarded to students per teacher who is Guide.

Ph.D. awarded to students per teacher	Guide
Dr.Y.R.Dhurve	Dr. P. S. Kawtikwar

38) Present infrastructural & other facilities

- | | |
|---|------------|
| a) Central Library Books and Journals, e-learning resources: | Yes |
| b) Departmental Library (books, journals etc.) | Yes |
| c) Computers (10 MBPS) and internet facilities for staff, students: | Yes |
| d) Sufficient number of class rooms & Labs | Yes |
| e) Central Instrumentation facility | Yes |
| f) Central computing facility | Yes |
| h) ICT enabled Seminar Halls | Yes |
| i) Smart boards/ interactive board | Yes |
| j) Incubation centre | Yes |
| k) Gym facility, | Yes |
| l) Data base | Yes |
| m) Canteen | Yes |

39) Curricular Aspects:

- | | |
|--|------------|
| a) Whether mechanism for curriculum delivery, development process, prepared? | Yes |
| b) Whether mechanism for Innovativeness, creativity for creation & transfer of knowledge prepared? | Yes |
| c) Whether structural feed-backs taken from stake holders, analyzed & corrective measures are taken? | Yes |
| d) Whether Teaching plan, Academic calendar, Evaluation calendar prepared? | Yes |
| e) State teaching methods adopted: (Interactive lecture method, Group discussions, Experimental learning, ICT enabled problem solving, Seminars, webinars, NPTEL videos, software. | Yes |
| f) Does the College have any mechanism to ensure that syllabus is Completed by taking periodic syllabi completion reports? | Yes |
| g) Whether Bridge/Remedial courses introduced? If yes, Give details. | Yes |

- 41) Whether the performance feedback of the teacher evaluation by the students taken, analyzed and suggestions communicated to teacher? **Yes**
- 42) Do teachers submit Self-Appraisal Reports? **Yes**
- 43) State transparent Mechanism for effective grievance redressed cell for exam, anti sexual, anti ragging **Yes**
- 44) State distinguished alumni with their contribution (fund, guidance etc) to College. (State No. of Alumni meetings held). Whether Alumni is registered? **Yes**

Alumni meetings held	Date	Alumni Contribution
1	28/02/2015	Freeze & Lazer Printer Donated by M.Pharm Students (Rs. 30000/-)

- 45) Give details of student enrichment programs (field project/webinars/ workshops/seminar).

Sr. No.	Program	No of students
1	Internship Industrial Training	24

- 46) Highlight the best practice & exemplify performance of the College as per the vision, Priority, thrust.

Best Practice I: Reaching Out ·

Title: “REACHING OUT: COUNSELING AND AWARENESS OF COMMUNITY THROUGH PHARMACY STUDENTS” ·

Goal:

- To provide counseling and awareness services to community.
- To explain efficiency and merits of sanitary pads.
- To cultivate a sense of social responsibility in the students and inspire for community work.
- To bridge the theory praxis divide.

Context:

The local community is not at all aware with current knowledge of medicine handling, generic medicines, communicable diseases like AIDS, and utilization of sanitary pad. The counseling and awareness work provides opportunity for students to give something back to the community, as paying a debt for what they themselves have received.

Knowledge of students becomes meaningful as they work with responsibility and practically.

The Practice:-

Self Study Report of Sudhakar Rao Naik Institute of Pharmacy

The students are actively involved in door to door counseling regarding information on medicine handling, counseling on utility of sanitary pad, The generic medicine awareness, Also preventive measures, causes, mode of spread and treatment on AIDS.

Evidence of success

The feedback collected from people and students upon counseling and awareness programs

Problems Encountered

While conveying message in local language the handling of people mentality for a while to yield positive and satisfactory response is quite difficult. Somewhere hesitation of women while counseling is became barrier of communication. Limitation of time in the semester system of the university and businesses of women because of daily life schedule becomes major problem. It tends to work in off hrs and on holidays.

Resources required

Planning structured time schedules to enable students to make this a practical part of their theoretical learning.

BEST PRACTICE: 02

Title: - ORTHOPEDIC PATIENT REHABILITATION SUPPORT THROUGH EQUIPMENT BANK.

Objective:-

To provide post surgical supporting appliances for deprived orthopedic patients.
To help economically backward people by providing costly appliances at free of cost.
Sustainable use of medical appliances and create social harmony.

Context:-

It has been observed that the purchasing of costly appliances used in post surgical treatment in case of orthopedic patients especially in proletariat is a major issue in the society. So to meet need of such incapable patients, institute decided to provide these appliances at free of cost

Practice:-

Purchasing of appliances was decided after discussion with orthopedics, physicians and surgeons. The foundation fund was received from J.S.P.M. People seeking for use of service have to register details on Page 89/92 27-01-2018 02:49:34

Self Study Report of Sudhakar Rao Naik Institute of Pharmacy

telephonic conversion or personally visiting to institute. Transportation cost of appliances has to borne by users.

Evidence of success:-

The letter of thanks is received after the use of equipment by some of the beneficiaries. This provides us to have the feeling of returns of debts to the society. Students also learn their social responsibility.

Problem:-

Initially it was difficult to decide list of appliances to be purchased for the service. To make avail quality appliances through authenticated suppliers.

47) State efforts for promotion of research culture, e-content facilities

The teaching staff is always encouraged and supported for attending, participation in workshops, staff development programs, research activities to establish growth oriented, stimulated and satisfied environment for the employees.

As a part of curriculum the students complete 'Industrial Training Course' and the P.G. students are always encouraged and motivated to carry out research projects in industries could develop strong bond between the institute, students and industry.

The students are encouraged to participate in seminars, workshops, symposiums and conferences which make them abreast with current industrial scenario and research activity.

The Sudhakar Rao Naik Institute of Pharmacy has taken for innovations and knowledge transfer methods. The institute always believed that research and education go hand in hand and always encourages the students and staff, work towards developing their own ideas and share them with experts. MOUs are signed with Industries to educate the students by means of project works.

The institution also recognizes the importance of research and development for the long term academic growth as a knowledge sharing method. 18 Faculty members have completed PhD in the last five years and 02 faculty members are pursuing Ph.D. Senior faculty members are presently guiding Ph. D students. One patent has been filed by one staff member.

More than 100 papers have been published in various Journals, International and National Conferences by the faculty and students of the College. Staff and students are encouraged to participate in various seminars and symposiums related to various pharmaceutical innovative themes.

48) State activities conducted & participated by students and facilities in subject related Social activities (including I collaborations with Industry, NGO's) & activities for surrounding people.

The college N.S.S. unit is always keen to create awareness among the students about different social issues.

- Student are sensitized on key social issue such as swachh Bharat, AIDS awareness, digital India ,gender issue.
- Every year tree plantation activity organized on the birth anniversary of late Shree Sudhakar Rao Naik.
- Students actively participate in that activity. Last year workshop was organized on 'Beti Bachao, beti padhao' and students activity participated.
- Every year Institute organizes Blood donation camp. Students were guided on right to information act. Its benefit and misuse were discussed in the class.
- Every year Cleaning of campus is organized twice to create awareness about cleanliness in student. Student participates every year in Cleanliness drive (Nirmalya) During Ganesh and Durga idol immersion program.
- Students were sent to disaster management work shop in 2013. On occasion of road safety week students conducted the radium sticking program on newly constructed dividers of Nagpur highway.
- Student distribute Fruits and biscuits to patient in government and private hospital Pusad.
- Every year the N.S.S special camp was organized in adopted village near to Pusad. The students enjoy their stay in the rural area and try to understand and solve their problems.
- Many activities such as tree plantation ,pit construction, health camp for the village like eye checkup camp, animal checkup camp, yoga camp, awareness about communicable and non-communicable diseases are organized to sensitize the students about social work.
- All teaching, Non-teaching faculties along with the students actively participated and worked

in the work shop on acupressure therapy and checking organized by J.S.P.M. Pusad , so many people benefited by this workshop.

- Every year on the eve of birth anniversary of late Shree Sudhakar Rao Naik ,a charity of Jaipur foot is distribution conducted for handicapped people, student and staff take active participation in this event.

49) State procedure for maintaining & utilizing physical & academic support facilities.

Year	Assigned budget on academic facilities (excluding salary for human resources)	Expenditure on academic facilities (excluding salary for human resources)	Assigned budget on physical facilities (excluding salary for human resources)	Expenditure on physical facilities (excluding salary for human resources)
2012-13	1300000	1074466	1920000	1991455
2013-14	1000000	743741	875000	796587
2014-15	750000	469106	1135000	703295

50) State programs for Environment consciousness:

Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

Use of Bicycles-

The teaching Staff and students are appealed to use the bicycles on every Saturday in order to save on conventional source of energy.

Use of Public Transport-

Students residing nearby localities use public transport for daily up down to college.

Pedestrian friendly roads-

All the Hostellers and most of students residing in nearby area of college always prefer to come by walk.

Paperless Office-

The institute minimized utilization of papers. Most of information is shared through Whats-app, Email, and

SMS's. The college functions using e-governance in admissions, examinations, office automation, Library automation and Store Management which also enables to make the paperless office.

Plastic free Campus-

The institute created awareness about hazardous effect of plastics.

The utilization of plastic is strictly avoided and plastic free zone is created.

Green Landscaping-

Environment consciousness is enshrined in the mission of the college. The campus is covered with maximum plants and also have medicinal garden with significant medicinal plants. NSS Volunteers assigned for planting, watering and maintaining the plants and green herbs.

Following initiatives are taken to maintain eco friendly environment.

1.The glass windows of the classrooms facilitate the maximal utilization of natural light and good ventilation.

2.The fans, lights and other appliances are switched off when not required. Several conventional lights have been replaced by LED lights in campus so as to curtail on electricity consumption.

51) Whether Perspective Future plan document prepared?

YES

All Sanctioned Letters, appointment Letters, audit statements, Service books, cash book, Ledger book, dead stock Registers and other elegant required documents are updated & Completed in all respect from time to time and kept in office for verification.

Declaration by Principal of the College:

I am aware that the above information provided, is true & will be validated by the AAA committee during the AUDIT.

PRINCIPAL

Date: 27/04/2015

RECOMMENDATIONS:-

1. Books to be purchased in the library.
2. Balances in laboratory should be purchased.
3. New courses should be introduced.

Academic & Administrative Audit Procedure Performed by:

Date:

Principal Dr. Dharmadhikari N. S.
Educationist, Pune

Academic & Administrative Audit Report

Of

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Academic year: 2015 - 16

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Principal Dr. Dharmadhikari N.S.

Educationist, PUNE

E-Mail: dharmadhikarinagnath@gmail.com

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Prof. V.J. Masirkar	Asst. Professor	M. Pharm	9 years 6 month	Temporary

Prof. N.D. Phuphate	Asst. Professor	M. Pharm	10 months	Temporary
Dr. S. N. Kshirsagar	Asst. Professor	M. Pharm, Ph. D	9 years 3 month	Temporary

15) List of Visiting Fellows/Teachers, Academic/Industry experts

Sr.No.	Name	Visiting Department
1	Mr. Borgade	Maths
2	Mr. K. R. Jajoo	Computer
3	Mr. Tiwarangkar	Environmental Science
4	Mr. Mardane	Biostatistics

16) Percentage of classes taken by temporary/visiting faculty

(programme - wise information)

Sr.No.	Program	Percentage
1.	B. Pharm	7 %
2.	M. Pharm	5 %

17) Programme-wise Student Teacher Ratio & computer : student Ratio

Programme	Student Teacher Ratio	Computer: Student Ratio
B. Pharm	1:26.81	1:5.2

18) Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:

Sr.No.	Posts	Sanctioned Post	Filled on roll	Filled by Management	Total Filled
1.	Technician	4	0	0	0
2.	Laboratory Assistant/Attendant	14	0	13	13
3.	Clerk (office)	2	0	2	2
4.	Peon	2	0	3	3
5.	Office Superintendent	1	0	1	1
6.	Store Keeper	1	0	1	1
7.	Accountant	1	0	1	1
8.	Computer Data Operator	1	0	0	0
9.	Gardener	1	0	1	1
10	Electrician	1	0	1	1

19) Information about research grants, projects completed and ongoing

a) From International/National funding:

Sr.No.	Name of the Principal Investigator (Co-investigator)	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
			NIL		

(b) From NGO, Industry, Individual, any funding agencies:

Sr.No.	Name of the Principle Investigator (Co-investigator)	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
		NIL			

20) Linkages/Functional MOU'S)/collaboration (details regarding revenue generated, Faculty & Students Exchange program, research, Internship, On job training, Field projects), Funds received through DST-FIST; CSIR, UGC-CAS, DAE, BRNS, ICSSR, AICTE, INCHR, ICSSR, etc.

Sr.No.					
		NIL			

21) Publications :

Sr. No.	Papers published (more than 10 citations, in data base) in peer reviewed journals	Reference Books/Chapters/book written
1	Development and evaluation of gastroretentive drug delivery system for venlafaxine hydrochloride as bilayer tablet A.S.Pratapwar International Journal of Pharmaceutical Sciences and Research. Vol 6(8),3439-3435 ISSN No: 2320-5148	
2	Application of Rosin derivative in the development of noval drug delivery system (NDDS): a contemporary view Pratapwar A.S. Journal of Quality assurance and Pharma analysis vol 1,100-109. ISSN No: 2454-4914	

3	Study on antimicrobial potential and preliminary phytochemical screening of lawsoniainermislinn. P.R. Dahake and S.I. Kamble International journal of pharmaceutical sciences and research. Vol 6(8) ISSN No: 2320-5148	
4	Evaluation of invitro antimicrobial potential of medicinal plant: solanumvirginianum L. P.R. Dahake and P.Y. Kohar International journal of research and development in pharmacy and li fesciences.Vol 6(8) ISSN No: 2393-932x	
5	Antioxidant and anti-inflammatory mediated mechanism in thermal wound healing by gel containing flower extract of <i>Buteamonosperma</i> . More BH, Sakharwade SN, Tembhurne SV, Sakarkar DM. Proc.Natl. Acad. Sci., India Sect. B Biol. Sci. 85(2); 591-600. ISSN No: 2250-1746	
6	Phytochemical Analysis and <i>In vitro</i> Antioxidant Properties of <i>Murrayakoenigii</i> (L.) Fruits. Atish N. Waghmare, Sachin V. Tembhurne, Dinesh M. Sakarkar. American Journal of Phytomedicine and Clinical Therapeutics3(5); 403-416 ISSN No: 2321-2748	
7	Anthelmintic activity of <i>MurrayaKoenigii</i> (L) fruits extract on Indian earthworm. Waghmare AN, SV Tembhurne and DM Sakarkar, International Journal of Veterinary Science4(3): 1-4 ISSN No: 2304-3075	
8	Anti-Anaemic Potential of <i>Murrayakoenigii</i> Fruit Extracts In Phenylhydrazine Induced Anaemic Rats Atish N. Waghmare, Sachin V. Tembhurne, Dinesh M. Sakarkar. <i>International Journal of Advances in Pharmaceutical Research</i> . 6(5): 124-127 ISSN No: 2249–7226	
9	Evaluation of Ethanolic Fruit Extract of <i>Murrayakoenigii</i> for its Anti-ulcer activity against Ethanol and Pylorus ligation induced Gastric Ulcer model. Atish N. Waghmare, Sachin V. Tembhurne, Dinesh M. Sakarkar. <i>International Journal of Advances in Pharmaceutical Research</i> . 6(5): 118 – 123 ISSN No: 2249–7226	

22) Details of patents/ copy rights/ Gene sequence/IPR filed & granted and income generated :

Sr. No.	Details of Filed	Income Generation
	NIL	

23) Consultancy services provided, name of the teachers and income generated, Revenue ratio:
Institution: faculty

Sr. No.	Year	Name of the teacher/Department	Nature of Consultancy	Funds generated with ratio of coll.: faculty
		NIL		

24) Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Sr. No	Name of Teacher	Details
	NIL	

25) Details of Seminars, Workshops conducted on Intellectual property rights (IPR) & Commercialization of IPR. **NIL**

26) Whether learner assessment test, identification of slow/ advance learners done & accordingly guidance given & Mentorship is in existence

Sr. No	learner assessment test & identification of slow/ advance learners done	Mentor : Mentee Ratio
	Yes	1: 26.81

27) Participation of teachers in various academic/professional competency& ethics activities & in committees on University level, Sate, National, International level (give details)

Sr. No	Name of Teacher	Details
1.	Dr. P. S. Kawtikwar	Member, Subject Examination Committee for B. Pharm and M. Pharm Courses)24/09/2015
2.	Dr.V.N.Deshmukh	Member, Subject Examination Committee for B. Pharm and M. Pharm Courses) 15/09/2015
		Subject Expert in Staff Selection Committee at Priya darshani J.L. College of pharmacy Nagpur 03/02/2015
3	Prof.A.S.Pratapwar	Member, Subject Examination Committee for B. Pharm and M. Pharm Courses)

28) Deputation of Students to outside Academic/ Social Activities (Department Wise)

Sr. No	Name of Teacher	Details
		NIL

29) Details of teachers on international level (Fellowship/ Advanced study)

Sr. No	Name of Teacher	Awards/Prizes and Recognitions
		NIL

30) Awards/Prizes and recognitions received by teachers at university, State, national and International level.

Sr. No	Name of Teacher	Awards/ Prizes
		NIL

31) Awards/Prizes and recognitions received by students at university, State, national and International level.

Sr. No	Name of Student	Awards/ Prizes
		NIL

32) Details of Seminars/ Conferences/ Workshops organized at university, state, national and International level and the source of funding with details:

Sr. No.	Name of Conference/ Seminars/Workshops	Funding agency	No. of Participants	University/State/National/ International	Dates
			NIL		

33) Student profile program-wise at UG and PG

Program	Applications Received	No. of students admitted	Seats Available	Male	Female	Total	Year
B.Pharm	60	60	60	38	22	60	2015-16
M.Pharm	12	12	18	04	08	12	2015-16

(Pharmaceutics)							
M.Pharm (Industrial Pharmacy)	05	05	13	03	02	05	2015-16
M.Pharm (Pharmacology)	05	05	10	05	00	05	2015-16

34) Results of students at UG and PG, Rank holders.

RESULT ANALYSIS WINTER 2015-16 (ODD SEM)

Class	No. of Students					
	Appeared	Passed	Failed	Passed with First class	Passed in second class	% Result
B. PHARM						
B. Pharm I sem	59	28	31	28	01	47.45
B. Pharm III sem	76	22	54	22	00	28.95
B. Pharm V sem	62	40	22	39	01	64.52
B. Pharm VII sem	71	53	18	50	03	74.65
M. PHARM						
Pharmaceutics I Sem	13	12	01	12	00	92.30
Industrial Pharmacy I Sem	05	05	00	05	00	100
Pharmacology I Sem	05	05	00	05	00	100
Pharmaceutics III Sem	05	05	05	05	00	100
Industrial Pharmacy III Sem	00	00	00	00	00	00
Pharmacology III Sem	00	00	00	00	00	00

RESULT ANALYSIS SUMMER 2015-16 (EVEN SEM)

Class	No. of Students					
	Appeared	Passed	Failed	Passed with First class	E	% Result
B. PHARM						
B. Pharm II sem	57	26	21	26	00	46
B. Pharm IV sem	75	39	36	38	01	52
B. Pharm VI sem	61	48	13	48	00	79
B. Pharm VIII sem	71	60	11	59	01	85
M. PHARM						
Pharmaceutics II Sem	12	12	00	12	00	100
Industrial Pharmacy II Sem	05	05	00	05	00	100
Pharmacology II Sem	05	05	00	05	00	100
Pharmaceutics IV Sem	05	05	00	05	00	100
Industrial Pharmacy IV Sem	00	00	00	00	00	00
Pharmacology IV Sem	00	00	00	00	00	00

35) Whether coaching facility for competitive Exams & vocational education training give?

Number of students appeared/cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data.

MPSC/UPSC	NET/ SET	GATE	Other Exams	Total
-----------	----------	------	-------------	-------

		Appeared 30 Passed 04		
--	--	--------------------------	--	--

36) Student progressing/ placement records: Number/percentage of students proceeded for higher studies, students placed/ self employed.

A:	Number/percentage of students proceeded for higher studies	students placed	Self employed.	
	22 / 7.45%	10 / 3.38%		

B:				

37) Faculties who receive M.Phil., Ph.D., D.Sc., / D.Lit: Output of Ph.D. awarded to students per teacher who is Guide.

Ph.D. awarded to students per teacher	Guide
Dr.S.G.Sudke	Dr.D.M.Sakarkar

38) Present infrastructural & other facilities

- | | |
|---|------------|
| a) Central Library Books and Journals, e-learning resources: | Yes |
| b) Departmental Library (books, journals etc.) | Yes |
| c) Computers (10 MBPS) and internet facilities for staff, students: | Yes |
| d) Sufficient number of class rooms & Labs | Yes |
| e) Central Instrumentation facility | Yes |
| f) Central computing facility | Yes |
| h) ICT enabled Seminar Halls | Yes |
| i) Smart boards/ interactive board | Yes |
| j) Incubation centre | Yes |
| k) Gym facility, | Yes |
| l) Data base | Yes |
| m) Canteen | Yes |

39) Curricular Aspects:

- | | |
|--|------------|
| a) Whether mechanism for curriculum delivery, development process, prepared? | Yes |
| b) Whether mechanism for Innovativeness, creativity for creation & transfer of knowledge prepared? | Yes |
| c) Whether structural feed-backs taken from stake holders, analyzed & corrective measures are | |

- taken? **Yes**
- d) Whether Teaching plan, Academic calendar, Evaluation calendar prepared? **Yes**
- e) State teaching methods adopted: (Interactive lecture method, Group discussions, Experimental learning, ICT enabled problem solving, Seminars, webinars, NPTEL videos, software. **Yes**
- f) Does the College have any mechanism to ensure that syllabus is Completed by taking periodic syllabi completion reports? **Yes**
- g) Whether Bridge/Remedial courses introduced? If yes, Give details. **Yes**
- 41) Whether the performance feedback of the teacher evaluation by the students taken, analyzed and suggestions communicated to teacher? **Yes**
- 42) Do teachers submit Self-Appraisal Reports? **Yes**
- 43) State transparent Mechanism for effective grievance redressed cell for exam, anti sexual, anti ragging **Yes**
- 44) State distinguished alumni with their contribution (fund, guidance etc) to College. (State No. of Alumni meetings held). Whether Alumni are registered? **Yes**

Alumni meetings held	Date	Alumni Contribution
1	13/02/2016	Rs. 10000/- Cash Prize & Award to GPAT Topper

- 45) Give details of student enrichment programs (field project/webinars/ workshops/seminar).

Sr. No.	Program	No of students
1	Internship Industrial Training	54

- 46) Highlight the best practice & exemplify performance of the College as per the vision, priority, thrust.

Best Practice I: Reaching Out ·
Title: “REACHING OUT: COUNSELING AND AWARENESS OF COMMUNITY THROUGH PHARMACY STUDENTS” ·
Goal:

To provide counseling and awareness services to community.
To explain efficiency and merits of sanitary pads.
To cultivate a sense of social responsibility in the students and inspire for community work.
To bridge the theory praxis divide.

Context:

The local community is not at all aware with current knowledge of medicine handling, generic medicines, communicable diseases like AIDS, and utilization of sanitary pad. The counseling and awareness work provides opportunity for students to give something back to the community, as paying a debt for what they themselves have received.

Knowledge of students becomes meaningful as they work with responsibility and practically.

The Practice:-

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Self Study Report of Sudhakar Rao Naik Institute of Pharmacy

The students are actively involved in door to door counseling regarding information on medicine handling, counseling on utility of sanitary pad, The generic medicine awareness, Also preventive measures, causes, mode of spread and treatment on AIDS.

Evidence of success

The feedback collected from people and students upon counseling and awareness programs

Problems Encountered

While conveying message in local language the handling of people mentality for a while to yield positive and satisfactory response is quite difficult. Somewhere hesitation of women while counseling is became barrier of communication. Limitation of time in the semester system of the university and businesses of women because of daily life schedule becomes major problem. It tends to work in off hrs and on holidays.

Resources required

Planning structured time schedules to enable students to make this a practical part of their theoretical learning.

BEST PRACTICE: 02

Title: - ORTHOPEDIC PATIENT REHABILITATION SUPPORT THROUGH EQUIPMENT BANK.

Objective:-

To provide post surgical supporting appliances for deprived orthopedic patients.
To help economically backward people by providing costly appliances at free of cost.
Sustainable use of medical appliances and create social harmony.

Context:-

It has been observed that the purchasing of costly appliances used in post surgical treatment in case of orthopedic patients especially in proletariat is a major issue in the society. So to meet need of such incapable patients, institute decided to provide these appliances at free of cost

Practice:-

Purchasing of appliances was decided after discussion with orthopedics, physicians and surgeons. The foundation fund was received from J.S.P.M. People seeking for use of service have to register details on Page 89/92 27-01-2018 02:49:34

Self Study Report of Sudhakar Rao Naik Institute of Pharmacy

telephonic conversion or personally visiting to institute. Transportation cost of appliances has to borne by users.

Evidence of success:-

The letter of thanks is received after the use of equipment by some of the beneficiaries.
This provides us to have the feeling of returns of debts to the society. Students also learn their social responsibility.

Problem:-

Initially it was difficult to decide list of appliances to be purchased for the service.
To make avail quality appliances through authenticated suppliers.

47) State efforts for promotion of research culture, e-content facilities

The teaching staff is always encouraged and supported for attending, participation in workshops, staff development programs, research activities to establish growth oriented, stimulated and satisfied environment for the employees.

As a part of curriculum the students complete 'Industrial Training Course' and the P.G. students are always encouraged and motivated to carry out research projects in industries could develop strong bond between the institute, students and industry.

The students are encouraged to participate in seminars, workshops, symposiums and conferences which make them abreast with current industrial scenario and research activity.

The Sudhakar Rao Naik Institute of Pharmacy has taken for innovations and knowledge transfer methods. The institute always believed that research and education go hand in hand and always encourages the students and staff, work towards developing their own ideas and share them with experts. MOUs are signed with Industries to educate the students by means of project works.

The institution also recognizes the importance of research and development for the long term academic growth as a knowledge sharing method. 18 Faculty members have completed PhD in the last five years and 02 faculty members are pursuing Ph.D. Senior faculty members are presently guiding Ph. D students. One patent has been filed by one staff member.

More than 100 papers have been published in various Journals, International and National Conferences by the faculty and students of the College. Staff and students are encouraged to participate in various seminars and symposiums related to various pharmaceutical innovative themes.

48) State activities conducted & participated by students and facilities in subject related
Social activities (including I collaborations with Industry, NGO's) & activities for surrounding people.

The college N.S.S. unit is always keen to create awareness among the students about different social issues.

- Student are sensitized on key social issue such as swachh Bharat, AIDS awareness, digital India ,gender issue.
- Every year tree plantation activity organized on the birth anniversary of late Shree Sudhakar Rao Naik.
- Students actively participate in that activity. Last year workshop was organized on 'Beti Bachao, beti padhao' and students activity participated.
- Every year Institute organizes Blood donation camp. Students were guided on right to information act. Its benefit and misuse were discussed in the class.
- Every year Cleaning of campus is organized twice to create awareness about cleanliness in student. Student participates every year in Cleanliness drive (Nirmalya) During Ganesh and Durga idol immersion program.

- Students were sent to disaster management work shop in 2013. On occasion of road safety week students conducted the radium sticking program on newly constructed dividers of Nagpur highway.
- Student distribute Fruits and biscuits to patient in government and private hospital Pusad.
- Every year the N.S.S special camp was organized in adopted village near to Pusad. The students enjoy their stay in the rural area and try to understand and solve their problems.
- Many activities such as tree plantation ,pit construction, health camp for the village like eye checkup camp, animal checkup camp, yoga camp, awareness about communicable and non-communicable diseases are organized to sensitize the students about social work.
- All teaching, Non-teaching faculties along with the students actively participated and worked in the work shop on acupressure therapy and checking organized by J.S.P.M. Pusad , so many people benefited by this workshop.
- Every year on the eve of birth anniversary of late Shree Sudhakarrao Naik ,a charity of Jaipur foot is distribution conducted for handicapped people, student and staff take active participation in this event.

49) State procedure for maintaining & utilizing physical & academic support facilities.

Year	Assigned budget on academic facilities (excluding salary for human resources)	Expenditure on academic facilities (excluding salary for human resources)	Assigned budget on physical facilities (excluding salary for human resources)	Expenditure on physical facilities (excluding salary for human resources)
2012-13	1300000	1074466	1920000	1991455
2013-14	1000000	743741	875000	796587
2014-15	750000	469106	1135000	703295
2015-16	1600000	1165826	825000	950736

50) State programs for Environment consciousness:

Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

Use of Bicycles-

The teaching Staff and students are appealed to use the bicycles on every Saturday in order to save on conventional source of energy.

Use of Public Transport-

Students residing nearby localities use public transport for daily up down to college.

Pedestrian friendly roads-

All the Hostellers and most of students residing in nearby area of college always prefer to come by walk.

Paperless Office-

The institute minimized utilization of papers. Most of information is shared through Whats-app, Email, and SMS's. The college functions using e-governance in admissions, examinations, office automation, Library automation and Store Management which also enables to make the paperless office.

Plastic free Campus-

The institute created awareness about hazardous effect of plastics.

The utilization of plastic is strictly avoided and plastic free zone is created.

Green Landscaping-

Environment consciousness is enshrined in the mission of the college. The campus is covered with maximum plants and also have medicinal garden with significant medicinal plants. NSS Volunteers assigned for planting, watering and maintaining the plants and green herbs.

Following initiatives are taken to maintain eco friendly environment.

1.The glass windows of the classrooms facilitate the maximal utilization of natural light and good ventilation.

2.The fans, lights and other appliances are switched off when not required. Several conventional lights have been replaced by LED lights in campus so as to curtail on electricity consumption.

51) Whether Perspective Future plan document prepared?

YES

All Sanctioned Letters, appointment Letters, audit statements, Service books, cash book, Ledger book, dead stock Registers and other elegant required documents are updated & Completed in all respect from time to time and kept in office for verification.

Declaration by Principal of the College:

I am aware that the above information provided, is true & will be validated by the AAA committee during the AUDIT.

PRINCIPAL

Date: 25/04/2016

RECOMMENDATIONS:-

1. Books to be purchased in the library.
2. All purpose equipment should be purchased.
3. New courses should be introduced.
4. MOUs with new industry should be signed.

Academic & Administrative Audit Procedure Performed by:

Date:

Principal Dr. Dharmadhikari N. S.
Educationist, Pune

Academic & Administrative Audit Report

Of

SUDHAKARRAO NAIK INSTITUTE OF PHARMACY PUSAD

Academic year: 2016 - 17

Performed by

Principal Dr. Dharmadhikari N.S.

Educationist, PUNE

E-Mail: dharmadhikarinagnath@gmail.com

Phone: 07276375710/20

ACADEMIC AND ADMINISTRATIVE AUDIT REPORT 2016 -2017

01	Name of the College:	SUDHAKARRAO NAIK INSTITUTE OF PHARMACY, PUSAD
02	Year of establishment :	1984

3) Courses offered: UG, PG, M.Phil., Ph.D.

Year	UG	PG	M.Phil	Ph.D
2016 – 17	B. Pharm	M. Pharm in Pharmaceutics	Nil	Ph. D. in Pharmaceutical Sciences
		M. Pharm in Industrial Pharmacy		
		M. Pharm in Pharmacology		

4) Skill/Job/Add on/Value added Courses introduced (syllabi designed by College)

Name of the value added courses (with 30 or more contact hours) offered during last five years	Course Code	Year of offering	No. of times offered during the same year	Number of students enrolled in the year
Sophisticated instrument handling	CCSNIOP1	2012-13	1	25
Sophisticated instrument handling	CCSNIOP1	2013-14	1	23
Sophisticated instrument handling	CCSNIOP1	2014-15	1	25
Sophisticated instrument handling	CCSNIOP1	2015-16	1	24
Sophisticated instrument handling	CCSNIOP1	2016-17	1	31

5) Interdisciplinary/Interdepartmental/Twinning programs offered and departments involved.

NIL

6) Courses conducted in collaboration with Industries, other universities and Institutions:

NIL

7) State Programs relating curriculum with cross cutting issues conducted:

A program was conducted on “Woman Sexual Harassments at Work Place” on 25/02/2017 during the session 2016 – 17.

Another program was conducted on “Beti Bachav Program” on 08/03/2017 during the session 2016 – 17.

8) Examination System: Annual/Semester/Choice Based Credit System/Credit and Grading system/ any other system, specify:

Semester/Choice Based Credit System

9) Whether e-Governance is in practice? **Yes**

10) Code, conduct, professional ethics, core values for staff, students documented? **Yes**

11) Whether well defined College organizational structure, functions of various College comm. are documented and implemented? **Yes**

12) A: Whether staff is involved in decision making? **Yes**

B: State encouragement techniques, incentives and welfare measures for staff and students

13) Number of teaching posts sanctioned, filled and vacant.

Designation	Sanctioned	Filled	Filled under CAS/Management
Professor	3	1	0
Associate Professor	8	3	0
Assistant Professor	12	1	7
Total	23	5	7

14) Faculty profile with name, qualification, designation, experience, nature of appointment

(confirmed/probation/temporary):

c) Appointed on Government Sanctioned Post.

Name	Designation	Qualification	Teaching/Res. Experience	Nature of appointment
Prof. Dr. P. S. Kawtikwar	Professor	M. Pharm, Ph. D	22 years 10 months	Confirmed
Prof. A. S. Pratapwar	Asso. Professor	M. Pharm	22 years 10 months	Confirmed
Prof. Dr. R. S. Wanare	Asso. Professor	M. Pharm, Ph. D	17 years 6 month	Confirmed
Prof. Dr. V. N. Deshmukh	Asso. Professor	M. Pharm, Ph. D	12 years 8 months	Confirmed
Prof. Dr. R. B. Wakade	Asst. Professor	M. Pharm, Ph. D	11 years 10 months	Confirmed

c) Appointment from College/Management Fund

Name	Designation	Qualification	Teaching/Res. Experience	Nature of appointment
Dr. A.M. Mahale	Asst. Professor	M. Pharm, Ph. D	11 years 9 months	Temporary

Dr. A.A. Harsulkar	Asst. Professor	M. Pharm, Ph. D	10 year 11 months	Temporary
Dr. R.J. Mandade	Asst. Professor	M. Pharm, Ph. D	9 years 11 months	Temporary
Prof. V.J. Masirkar	Asst. Professor	M. Pharm	10 years 6 month	Temporary
Prof. N.D. Phuphate	Asst. Professor	M. Pharm	1 years 10 months	Temporary
Prof. S.P. Purohit	Asst. Professor	M. Pharm	10 months	Temporary
Dr. S. N. Kshirsagar	Asst. Professor	M. Pharm Ph. D	10 years 3 month	Temporary

15) List of Visiting Fellows/Teachers, Academic/Industry experts

Sr. No.	Name	Visiting Department
1.	Mr. Borgade	Maths
2.	Mr. K. R. Jajoo	Computer
3.	Mr. Tiwarangkar	Environmental Science
4.	Mr. Mardane	Biostatistics

16) Percentage of classes taken by temporary/visiting faculty

(programme - wise information)

Sr.No.	Program	Percentage
1.	B. Pharm	8 %
2.	M. Pharm	5 %

17) Programme-wise Student Teacher Ratio & computer: student Ratio

Programme	Student Teacher Ratio	Computer: Student Ratio
B. Pharm	1:25.25	1:5.41

18) Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:

Sr.No.	Posts	Sanctioned Post	Filled on roll	Filled by Management	Total Filled
1.	Technician	4	0	0	0
2.	Laboratory Assistant/Attendant	14	0	13	13
3.	Clerk (office)	2	0	2	2
4.	Peon	2	0	3	3
5.	Office Superintendent	1	0	1	1
6.	Store Keeper	1	0	1	1
7.	Accountant	1	0	1	1
8.	Computer Data Operator	1	0	0	0
9.	Gardener	1	0	1	1

10	Electrician	1	0	1	1
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19) Information about research grants, projects completed and ongoing

a) From International/National funding:

Sr.No.	Name of the Principal Investigator (Co-investigator)	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
			NIL		

(b) From NGO, Industry, Individual, any funding agencies:

Sr.No.	Name of the Principle Investigator (Co-investigator)	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
			NIL		

20) Linkages/Functional MOU'S)/collaboration (details regarding revenue generated, Faculty & Students Exchange program, research, Internship, On job training, Field projects), Funds received through DST-FIST; CSIR, UGC-CAS, DAE, BRNS, ICSSR, AICTE, INCHR, ICSSR, etc.

Sr.No.	Faculty & Students Exchange program, research,	Industry/Company name	Duration	Nature of linkage	
1	P.G.Dissertation work	I.P.C.A Pharmaceutical Laboratory Ltd Mumbai	Aug 2016 to Jan 2017	Research Work	
2	P.G.Dissertation work	Concept Pharmaceutical Limited Aurangabad	Aug 2016 to Feb 2017	Research Work	
Functional MOU					
	Organisation with which MoU is	Name of the institution/	Year of signing MoU	Duration	List the actual

	signed	industry/ corporate house			activities under each MoU year wise
1	N.M.Pharma.Navsal Tq.Murtizapur Akola.	Sudhakar Rao Naik Institute of Pharmacy, Pusad Dist Yavatmal	2016	Five Year	Industrial Visit/ Training

21) Publications:

Sr. No.	Papers published (more than 10 citations, in data base) in peer reviewed journals	Reference Books/Chapters/book written
1	Fingerprinting and Stability Studies of ShatavariChurna: An Ayurvedic Formulation P. S. Kawtikwar, A. V. Pathak, D. M. Sakarkar International Journal of Pharmacy and Pharmaceutical Research ; Vol. 5 (2): 169-189 (2016) 2349-7203	
2	Fingerprinting And Stability Studies of Triphala-GuggulaVati: An Official Ayurvedic Formulation American Journal of Pharmacy & Health Research, Volume 4, Issue (2016) 2224-2647	

22) Details of patents/ copy rights/ Gene sequence/IPR filed & granted and income generated:

Sr. No.	Details of Filed	Income Generation
	NIL	

23) Consultancy services provided, name of the teachers and income generated, Revenue ratio:
Institution: faculty

Sr. No.	Year	Name of the teacher/Department	Nature of Consultancy	Funds generated with ratio of coll.: faculty
			NIL	

24) Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Sr. No	Name of Teacher	Details
		NIL

25) Details of Seminars, Workshops conducted on Intellectual property rights (IPR) & Commercialization of IPR. **NIL**

26) Whether learner assessment test, identification of slow/ advance learners done & accordingly guidance given & Mentorship is in existence

Sr. No	learner assessment test & identification of slow/ advance learners done	Mentor : Mentee Ratio
	Yes	1: 25.25

27) Participation of teachers in various academic/professional competency & ethics activities & in committees on University level, State, National, International level (give details)

Sr. No	Name of Teacher	Details
1.	Dr. P. S. Kawtikwar	Member, Subject Examination Committee for B. Pharm and M. Pharm Courses)
		Member, Local Enquiry Committee at College of Pharmacy, Malakapur
		Subject Expert in Staff Selection Committee at College of Pharmacy, Malakapur (Letter 23/01/2017)
		Subject Expert in Staff Selection Committee at Anuradha College of Pharmacy, Chikhali (19/05/2016)
		Moderation committee 04/07/16
	Dr.V.N.Deshmukh	Member, Subject Examination Committee for B. Pharm and M. Pharm Courses) 19/09/2016
		Member, Local Enquiry Committee at College of Pharmacy,
		Subject Expert in Staff Selection Committee at Anuradha College of Pharmacy, Chikhali,19/05/16
	Prof.A.S.Pratapwar	Member, Subject Examination Committee for B. Pharm and M. Pharm Courses)
		Member, Local Enquiry Committee (affiliation) at College of Pharmacy, at Dr.Rajendra Gode college of Pharmacy Amravati 09/06/2017
		Moderation committee 04/07/16

28) Deputation of Students to outside Academic/ Social Activities (Department Wise)

Sr. No	Name of Teacher	Details
		NIL

29) Details of teachers on international level (Fellowship/ Advanced study)

Sr. No	Name of Teacher	Awards/Prizes and Recognitions
		NIL

30) Awards/Prizes and recognitions received by teachers at university, State, national and International level.

Sr. No	Name of Teacher	Awards/ Prizes
		NIL

31) Awards/Prizes and recognitions received by students at university, State, national and International level.

Sr. No	Name of Student	Awards/ Prizes
		NIL

32) Details of Seminars/ Conferences/ Workshops organized at university, state, national and International level and the source of funding with details:

Sr. No.	Name of Conference/ Seminars/Workshops	Funding agency	No. of Participants	University/State/National/ International	Dates
			NIL		

33) Student profile program-wise at UG and PG

Program	Applications Received	No. of students admitted	Seats Available	Male	Female	Total	Year
B.Pharm	59	59	60	37	22	59	2016-17
M.Pharm (Pharmaceutics)	13	13	18	05	08	13	2016-17
M.Pharm	0	0	13	-	-	0	2016-17

(Industrial Pharmacy)							
M.Pharm (Pharmacology)	4	4	10	02	02	04	2016-17

34) Results of students at UG and PG, Rank holders.

35) Whether coaching facility for competitive Exams & vocational education training give?

Number of students appeared/cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data.

MPSC/UPSC	NET/ SET	GATE	Other Exams	Total
		Appeared 35 Qualified 07		

36) Student progressing/ placement records: Number/percentage of students proceeded for higher studies, students placed/ self employed.

A:	Number/percentage of students proceeded for higher studies	students placed	Self employed.	
	22 / 7.26%	26 / 8.58%	NIL	

B:				

37) Faculties who receive M.Phil., Ph.D., D.Sc., / D.Lit: Output of Ph.D. awarded to students per teacher who is Guide.

Faculties are Ph.D. awarded	Ph.D. awarded to students per teacher who is Guide
1. Dr. R. S. Wanare	Dr. A. V. Pathak Guide – Dr. P. S. Kawtikwar
2. Dr. R. B. Wakade	Dr.R.D.Bawankar Guide –Dr.D.M.Sakarkar
3. Dr. R. J. Mandade	
4. Dr. A. M. Mahale	
5. Dr. A. A. Harsulkar	

- 38) Present infrastructural & other facilities
- a) Central Library Books and Journals, e-learning resources: **Yes**
 - b) Departmental Library (books, journals etc.) **Yes**
 - c) Computers (10 MBPS) and internet facilities for staff, students: **Yes**
 - d) Sufficient number of class rooms & Labs **Yes**
 - e) Central Instrumentation facility **Yes**
 - f) Central computing facility **Yes**
 - h) ICT enabled Seminar Halls **Yes**
 - i) Smart boards/ interactive board **Yes**
 - j) Incubation centre **Yes**
 - k) Gym facility, **Yes**
 - l) Data base **Yes**
 - m) Canteen **Yes**

39) Curricular Aspects:

- a) Whether mechanism for curriculum delivery, development process, prepared? **Yes**
 - b) Whether mechanism for Innovativeness, creativity for creation & transfer of knowledge prepared? **Yes**
 - c) Whether structural feed-backs taken from stake holders, analyzed & corrective measures are taken? **Yes**
 - d) Whether Teaching plan, Academic calendar, Evaluation calendar prepared? **Yes**
 - e) State teaching methods adopted: (Interactive lecture method, Group discussions, Experimental learning, ICT enabled problem solving, Seminars, webinars, NPTEL videos, software. **Yes**
 - f) Does the College have any mechanism to ensure that syllabus is Completed by taking periodic syllabi completion reports? **Yes**
 - g) Whether Bridge/Remedial courses introduced? If yes, Give details. **Yes**
- 41) Whether the performance feedback of the teacher evaluation by the students taken, analyzed and suggestions communicated to teacher? **Yes**
- 42) Do teachers submit Self-Appraisal Reports? **Yes**
- 43) State transparent Mechanism for effective grievance redressed cell for exam, anti sexual, anti ragging **Yes**
- 44) State distinguished alumni with their contribution (fund, guidance etc) to College. (State No. of Alumni meetings held). Whether Alumni is registered?

Alumni meetings held	Date	Alumni Contribution
1	06/01/2017	Rs. 10000/- Cash Prize & Award to GPAT Topper

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45) Give details of student enrichment programs (field project/webinars/ workshops/seminar).

Sr. No.	Program	No of students
1	Internship Industrial Training (B.Pharm.)	46
2	Project Dissertation work	02

46) Highlight the best practice & exemplify performance of the College as per the vision, priority, thrust.

Best Practice I: Reaching Out ·

Title: “REACHING OUT: COUNSELING AND AWARENESS OF COMMUNITY THROUGH PHARMACY STUDENTS” ·

Goal:

- To provide counseling and awareness services to community.
- To explain efficiency and merits of sanitary pads.
- To cultivate a sense of social responsibility in the students and inspire for community work.
- To bridge the theory praxis divide.

Context:

The local community is not at all aware with current knowledge of medicine handling, generic medicines, communicable diseases like AIDS, and utilization of sanitary pad. The counseling and awareness work provides opportunity for students to give something back to the community, as paying a debt for what they themselves have received. Knowledge of students becomes meaningful as they work with responsibility and practically.

The Practice:-

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The students are actively involved in door to door counseling regarding information on medicine handling, counseling on utility of sanitary pad, The generic medicine awareness, Also preventive measures, causes, mode of spread and treatment on AIDS.

Evidence of success

The feedback collected from people and students upon counseling and awareness programs

Problems Encountered

While conveying message in local language the handling of people mentality for a while to yield positive and satisfactory response is quite difficult. Somewhere hesitation of women while counseling is became barrier of communication. Limitation of time in the semester system of the university and businesses of women because of daily life schedule becomes major problem. It tends to work in off hrs and on holidays.

Resources required

Planning structured time schedules to enable students to make this a practical part of their theoretical learning.

BEST PRACTICE: 02**Title: - ORTHOPEDIC PATIENT REHABILITATION SUPPORT THROUGH EQUIPMENT BANK.****Objective:-**

To provide post surgical supporting appliances for deprived orthopedic patients.
To help economically backward people by providing costly appliances at free of cost.
Sustainable use of medical appliances and create social harmony.

Context:-

It has been observed that the purchasing of costly appliances used in post surgical treatment in case of orthopedic patients especially in proletariat is a major issue in the society. So to meet need of such incapable patients, institute decided to provide these appliances at free of cost

Practice:-

Purchasing of appliances was decided after discussion with orthopedics, physicians and surgeons. The foundation fund was received from J.S.P.M. People seeking for use of service have to register details on Page 89/92 27-01-2018 02:49:34

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telephonic conversion or personally visiting to institute. Transportation cost of appliances has to borne by users.

Evidence of success:-

The letter of thanks is received after the use of equipment by some of the beneficiaries. This provides us to have the feeling of returns of debts to the society. Students also learn their social responsibility.

Problem:-

Initially it was difficult to decide list of appliances to be purchased for the service. To make avail quality appliances through authenticated suppliers.

47) State efforts for promotion of research culture, e-content facilities

The teaching staff is always encouraged and supported for attending, participation in workshops, staff development programs, research activities to establish growth oriented, stimulated and satisfied environment for the employees.

As a part of curriculum the students complete 'Industrial Training Course' and the P.G. students are always encouraged and motivated to carry out research projects in industries could develop strong bond between the institute, students and industry.

The students are encouraged to participate in seminars, workshops, symposiums and conferences which make them abreast with current industrial scenario and research activity.

The Sudhakar Rao Naik Institute of Pharmacy has taken for innovations and knowledge transfer methods. The institute always believed that research and education go hand in hand and always encourages the students and staff, work towards developing their own ideas and share them with experts. MOUs are signed with Industries to educate the students by means of project works.

The institution also recognizes the importance of research and development for the long term academic growth as a knowledge sharing method. 18 Faculty members have completed PhD in the last five years and 02 faculty members are pursuing Ph.D. Senior faculty members are presently guiding Ph. D students. One patent has been filed by one staff member.

More than 100 papers have been published in various Journals, International and National Conferences by the faculty and students of the College. Staff and students are encouraged to participate in various seminars and symposiums related to various pharmaceutical innovative themes.

- 48) State activities conducted & participated by students and facilities in subject related Social activities (including I collaborations with Industry, NGO's) & activities for surrounding people.

The college N.S.S. unit is always keen to create awareness among the students about different social issues.

- Student are sensitized on key social issue such as swachh Bharat, AIDS awareness, digital India ,gender issue.
- Every year tree plantation activity organized on the birth anniversary of late Shree Sudhakar Rao Naik.
- Students actively participate in that activity. Last year workshop was organized on 'Beti Bachao, beti padhao' and students activity participated.
- Every year Institute organizes Blood donation camp. Students were guided on right to information act. Its benefit and misuse were discussed in the class.
- Every year Cleaning of campus is organized twice to create awareness about cleanliness in student. Student participates every year in Cleanliness drive (Nirmalya) During Ganesh and Durga idol immersion program.
- Students were sent to disaster management work shop in 2013. On occasion of road safety week students conducted the radium sticking program on newly constructed dividers of Nagpur highway.
- Student distribute Fruits and biscuits to patient in government and private hospital Pusad.
- Every year the N.S.S special camp was organized in adopted village near to Pusad. The students enjoy their stay in the rural area and try to understand and solve their problems.
- Many activities such as tree plantation ,pit construction, health camp for the village like eye checkup camp, animal checkup camp, yoga camp, awareness about communicable and non-communicable diseases are organized to sensitize the students about social work.
- All teaching, Non-teaching faculties along with the students actively participated and worked in the work shop on acupressure therapy and checking organized by J.S.P.M. Pusad , so many people benefited by this workshop.
- Every year on the eve of birth anniversary of late Shree Sudhakar Rao Naik ,a charity of Jaipur foot is distribution conducted for handicapped people, student and staff take active participation in this event.

- 49) State procedure for maintaining & utilizing physical & academic support facilities.

Year	Assigned budget on academic facilities (excluding salary for human resources)	Expenditure on academic facilities (excluding salary for human resources)	Assigned budget on physical facilities (excluding salary for human resources)	Expenditure on physical facilities (excluding salary for human resources)
2012-13	1300000	1074466	1920000	1991455
2013-14	1000000	743741	875000	796587
2014-15	750000	469106	1135000	703295
2015-16	1600000	1165826	825000	950736
2016-17	3000000	3218848	1125000	620045

50) State programs for Environment consciousness:

Green Practices

• **Students, staff using**

a) **Bicycles**

b) **Public Transport**

c) **Pedestrian friendly roads**

• **Plastic-free campus**

• **Paperless office**

• **Green landscaping with trees and plants**

Response:

Use of Bicycles-

The teaching Staff and students are appealed to use the bicycles on every Saturday in order to save on conventional source of energy.

Use of Public Transport-

Students residing nearby localities use public transport for daily up down to college.

Pedestrian friendly roads-

All the Hostellers and most of students residing in nearby area of college always prefer to come by walk.

Paperless Office-

The institute minimized utilization of papers. Most of information is shared through Whats-app, Email, and

SMS's. The college functions using e-governance in admissions, examinations, office automation, Library automation and Store Management which also enables to make the paperless office.

Plastic free Campus-

The institute created awareness about hazardous effect of plastics.

The utilization of plastic is strictly avoided and plastic free zone is created.

Green Landscaping-

Environment consciousness is enshrined in the mission of the college. The campus is covered with maximum plants and also have medicinal garden with significant medicinal plants. NSS Volunteers assigned for planting, watering and maintaining the plants and green herbs.

Following initiatives are taken to maintain eco friendly environment.

1.The glass windows of the classrooms facilitate the maximal utilization of natural light and good ventilation.

2.The fans, lights and other appliances are switched off when not required. Several conventional lights have been replaced by LED lights in campus so as to curtail on electricity consumption.

51) Whether Perspective Future plan document prepared?

YES

All Sanctioned Letters, appointment Letters, audit statements, Service books, cash book, Ledger book, dead stock Registers and other elegant required documents are updated & Completed in all respect from time to time and kept in office for verification.

Declaration by Principal of the College:

I am aware that the above information provided, is true & will be validated by the AAA committee during the AUDIT.

PRINCIPAL

Date: 25/04/2017

RECOMMENDATIONS:-

5. The Institute should get NAAC Assessment and Accreditation done.
6. Classrooms should be equipped with ICT facility.
7. A separate computer lab should be made for computer science practicals as per new syllabus.
8. Roster of teaching and non-teaching staff should be updated.
9. MOUs with new industry should be signed.
10. Two staff members should be appointed.

Academic & Administrative Audit Procedure Performed by:

Date:

Principal Dr. Dharmadhikari N. S.
Educationist, Pune