

**Internal Quality Assurance Cell (IQAC)  
SGT University**

**Annual Report (Aug 2016- July 2017)  
SGT COLLEGE OF PHARMACY**

Edited by: Prof Vijay Bhalla  
SGT College of Pharmacy

**Department at a Glance (2016-17)**

1	Name of the Department:	SGT College of Pharmacy
2	Year of establishment	2015
3	List of Faculty with designations:	

NAME	DESIGNATION	Qualification				
		DPH	BPH	MPH	PHD	Specialization
Prof. S K Sharma	Principal / Dean	1979	1982	1985	2002	Pharm Chemistry
Prof. Vijay Bhalla	Director Professor	1980	1983	1985	2016	Pharmaceutics
Dr Neelam Vashistha	Associate Professor	NA	2001	2005	2016	Pharm Chemistry
Mr. Vinod Gahlot	Assistant Professor	NA	2000	2005	NA	Pharmacology
Ms Manisha Vats	Assistant Professor	NA	2005	2007	NA	Pharmacognosy
Dr. Vandana Chaudhary	Assistant Professor	NA	2006	2008	2015	Pharmaceutics
Dr. Deepika	Assistant Professor	NA	2007	2009	2015	Pharmacognosy
Ms Sonia Yadav	Assistant Professor	NA	2007	2009	NA	Pharm Chemistry
Dr Meenu Mehta	Assistant Professor	NA	2009	2011	2016	Pharmacognosy
Mr. Manish Yadav	Assistant Professor	2006	2009	2011	NA	Pharmaceutics
Ms Sushma Maratha	Assistant Professor	NA	2009	2012	NA	Pharmacology
Ms Nupur Sharma	Assistant Professor	NA	2010	2012	NA	Pharmaceutics
Ms Anjali Dhillon	Assistant Professor	NA	2011	2013	NA	Pharmaceutics
Dr Suman Rohilla	Assistant Professor	NA	2008	2010	2016	Pharm Chemistry
Ms Arti Rajput	Assistant Professor	NA	2010	2013	NA	Pharm Chemistry / QA
Ms Nishtha Dogra	Assistant Professor	NA	2011	2013	NA	Pharmacology
Ms Kavita Attri	Assistant Professor	NA	2011	2014	NA	Pharmaceutics
Mr Dheeraj Sharma	Assistant Professor	NA	2012	2014	NA	Pharmacology
Ms Annu	Assistant Professor	NA	2012	2014	NA	Pharmaceutics
Ms. Shikha Bhardwaj	Assistant Professor	NA	2011	2015	NA	Pharmaceutics
Ms Kusumlata Bhardwaj	Assistant Professor	NA	2012	2014	NA	Pharmacognosy

4	Names of programmes offered	
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<b>Bachelor of Pharmacy (abbreviated B Pharm.)</b>	<b>4 years duration regular course</b>	Started from 2015
<b>Diploma in Pharmacy (abbreviated D Pharm.)</b>	<b>2 years duration – regular course</b>	Started from 2015
<b>B Pharmacy (Practice) Courses</b>	<b>2 Years duration</b>	Started from 2017

## 3. Education:

## a). Hours of teaching in each subject

CODE	Theory / Pract.	SUBJECTS	Work Load		
			Theory	Practical	Tutorial
<b>B PHARMACY 1st YEAR, 1st SEMESTER</b>					
1260101	Theory	Pharmaceutics-I (Dispensing & Hospital Pharmacy)	3	0	1
1260102	Theory	Pharmaceutical Chemistry-1 (Inorganic Chemistry)	3	0	1
1260103	Theory	Pharmacology-1 (Human Anatomy & Physiology-I)	3	0	1
1260104	Theory	Pharmacognosy-1	3	0	1
1260105	Practical	Pharmaceutics-I (Dispensing & Hospital Pharmacy)-Practical	0	4	0
1260106	Practical	Pharmaceutical Chemistry-1 (Inorganic Chemistry)- Practical	0	4	0
1260107	Practical	Pharmacology-1 (Human Anatomy & Physiology)- Practical	0	4	0
1260108	Practical	Pharmacognosy-1 -Practical	0	4	0
1260109	Theory	Remedial Biology	3	0	1
1260110	Theory	Remedial Mathematics	3	0	1
1260111	Practical	Remedial Biology - Practical	0	4	0
<b>B PHARMACY 1st YEAR, 2nd SEMESTER</b>					
CODE	Theory / Pract.	SUBJECTS	Theory	Practical	Tutorial
1260201	Theory	Pharmaceutics-II (General Pharmacy)	3	0	1
1260202	Theory	Pharmaceutical Chemistry-II (Organic Chemistry-I)	3	0	1
1260203	Theory	Pharmacology-II (Human Anatomy & Physiology-II)	3	0	1
1260204	Theory	Pharmaceutical Microbiology	3	0	1
1260205	Theory	Pharmaceutical Management	3	0	1
1260206	Practical	Pharmaceutics-II (General Pharmacy) Practical	0	4	0
1260207	Practical	Pharmaceutical Chemistry-II (Organic Chemistry)- Practical	0	4	0
1260208	Practical	Pharmacology-II (Human Anatomy & Physiology-II)- Practical	0	4	0
1260209	Practical	Pharmaceutical Microbiology- Practical	0	4	0
<b>B PHARMACY 2nd YEAR,1st SEMESTER</b>					
CODE	Theory / Pract.	SUBJECTS	Theory	Practical	Tutorial
1260301	Theory	Pharmaceutics-III (Unit Operations)	3	0	1
1260302	Theory	Pharmaceutical Chemistry-III (Organic Chemistry-II)	3	0	1
1260303	Theory	Pharmaceutical Chemistry-IV (Pharmaceutical Analysis)	3	0	1
1260304	Theory	Pharmacognosy-II (Recent advances in Phytochemistry)	3	0	1
1260305	Theory	Environmental Sciences	3	0	1
1260306	Practical	Pharmaceutics-III (Unit Operations-I) Practical	0	4	0
1260307	Practical	Pharmaceutical Chemistry- III (Organic Chemistry-II) Practical	0	4	0
1260308	Practical	Pharmaceutical Chemistry-IV (Pharmaceutical Analysis-I) Practical	0	4	0
1260309	Practical	Pharmacognosy-II (Recent Advances in Phytochemistry) Practical	0	4	0
<b>B PHARMACY 2nd YEAR, 2nd SEMESTER</b>					
CODE	Theory / Pract.	SUBJECTS	Theory	Practical	Tutorial
1260401	Theory	Pharmaceutics-IV (Unit Operations-II)	3	0	1
1260402	Theory	Computer Application in Pharmacy and Statics-I	3	0	1

1260403	Theory	Pharmaceutical Chemistry -V(Pharmaceutical Biochemistry)	3	0	1
1260404	Theory	Pharmacology-III(Pathophysiology of Diseases)	3	0	1
1260405	Theory	Pharmaceutical Jurisprudence and Ethics	3	0	1
1260406	Practical	Pharmaceutics -IV(Unit Operations-II) Practical	0	4	0
1260407	Practical	Computer Application in Pharmacy and Statics-I Practical	0	4	0
1260408	Practical	Pharmaceutical Chemistry -V(Pharmaceutical Biochemistry)Practical	0	4	0
1260409	Practical	Pharmacology-III(Pathophysiology of Diseases) Practical	0	4	0
<b>D PHARMACY 1st YEAR</b>			<b>Work Load</b>		
<b>CODE</b>	<b>Theory / Pract.</b>	<b>SUBJECTS</b>	<b>Theory</b>	<b>Practical</b>	<b>Tutorial</b>
1270101	Theory	Pharmaceutics-I	3	0	1
1270102	Theory	Pharmaceutical Chemistry-1	3	0	1
1270103	Theory	Pharmacognosy-1	3	0	1
1270104	Theory	Biochemistry & Clinical Pathology	3	0	1
1270105	Theory	Human Anatomy & Physiology	3	0	1
1270106	Theory	Health Education and Community Pharmacy	3	0	1
1270107	Practical	Pharmaceutics-I- Practical	0	4	0
1270108	Practical	Pharmaceutical Chemistry-1 - Practical	0	4	0
1270109	Practical	Pharmacognosy-1- Practical	0	4	0
1270110	Practical	Biochemistry & Clinical Pathology- Practical	0	4	0
1270111	Practical	Human Anatomy & Physiology- Practical	0	4	0
<b>D PHARMACY 2nd YEAR</b>			<b>Work Load</b>		
<b>CODE</b>	<b>Theory / Pract.</b>	<b>SUBJECTS</b>	<b>Theory</b>	<b>Practical</b>	<b>Tutorial</b>
1270201	Theory	Pharmaceutics-II	3	0	1
1270202	Theory	Pharmaceutical Chemistry-II	3	0	1
1270203	Theory	Pharmacology & Toxicology	3	0	1
1270204	Theory	Pharmaceutical Jurisprudence	3	0	1
1270205	Theory	Drug Stores and Business Management	3	0	1
1270206	Theory	Hospital and Clinical Pharmacy	3	0	1
1270207	Practical	Pharmaceutics-II=Practical	0	4	0
1270208	Practical	Pharmaceutical Chemistry-II - Practical	0	4	0
1270209	Practical	Pharmacology-- Practical	0	4	0
1270210	Practical	Hospital and Clinical Pharmacy- Practical	0	4	0

Other trainings.....Each Diploma students has to undergo 500 hours ( Minimum of three months)Practical trainings as set out in the Education Regulations framed under Section 10 of the Pharmacy Act, 1948.

b). Continued Education (workshop, seminar, symposium, conferences)

i) Summary of the above, department wise (Total No.)

Event	Attended	Organized	Paper / poster presented	Guest lectures delivered	Keynotes delivered
Conference national	60	01	20	08	NIL
Conference international	01	Nil	01	Nil	Nil
Conventions	Nil	Nil	Nil	Nil	Nil
Symposium	Nil	Nil	Nil	Nil	Nil
Workshops	09	Nil	Nil	Nil	Nil
Others (FDP)	19	Nil	Nil	Nil	Nil
Total	89	01	21	08	Nil

ii). Details of above, Faculty member wise...

#### 4. Publications:

i) Journal articles

a). Summary of publication department wise (Total No.):

S. no.	Type	Total no. of Articles	National	International	others
1	Indexed	21			
2	Non indexed	Nil			
3	Peer reviewed	21			
4	Non peer reviewed	Nil			

b) Details of the above (to be furnished faculty member wise).

## Chapters in Books

- N.Vashist, S.S.Sambi, P.Kumar, B.Narasimhan "Biological profile of benzimidazole derivatives: A review" accepted for publication in a book entitled Biological profile of versatile heterocyclic moieties, Publisher: LAMBERT Academic publishing (LAP).

## Publications:

1. NeelamVashist, Surinder Singh Sambhi, BalasubramanianNarasimhan\*, Vasudevan Mani, Rakesh Kumar Mishra, KalavathyRamasamy, Lim SiongMeng "Synthesis, Antimicrobial, Anticancer evaluation and QSAR studies of N-(arylidene)-1*H*-benzo-imidazole-2-amines&2-(alkyl/arylideneamino)-1*H*-benzo[*d*]imidazol-1-yl-alkyl/aryl-methanones" accepted for publication in anticancer agents in medicinal chemistry.
2. Vats Manisha and Suresh Kumar: Antidiabetic Activity Evaluation of Ethyl acetate fraction of *Biophytum sensitivum* DC. International Journal of Toxicological and Pharmacological Research. Accepted
3. Vats Manisha and Suresh Kumar: *Biophytum sensitivum* DC. A Review. International Journal of Pharmaceutical Sciences and Research: Accepted and Galley Proof Received.
4. Suman Rohilla. Sandeep Jain . Synthesis and Evaluation of Antioxidant, Anti-Inflammatory and Ulcerogenic Potential of Some Novel Curcumin Derivatives. Iranian Journal of Pharmaceutical Research . Accepted Manuscript ID: IJPR-1602-9182 .
5. Vats Manisha and Suresh Kumar: Pharmacognostic Standardisation of *Biophytum sensitivum* DC. Journal of Pharmaceutical Technology, Research and Management: 2017;5(1):31-40.
6. Ranjan Vadi, Vats Manisha: Hansraj. Adiantum cappilus veneriss: A Systemic Review on its Ethanobotany, Phytochemical and Pharmacological Profile. International Journal of Ayurveda and Pharma Research: June 2017;5(6):5-21.
7. Suman Rohilla, Ranju Bansal, Sonja Kachler, K.-N. Klotz. Synthesis, Biological Evaluation and Molecular Modelling Studies of 1,3,7,8-Tetrasubstituted Xanthines as Potent and Selective A<sub>2A</sub> AR Antagonists for the Treatment of Parkinson's Disease. European Journal of Chemistry. 2017,139,128-152.
8. Rakesh yadav, Suman Rohilla, Ranju Bansal, Sonja Kachler, K.-N. Klotz Synthesis and pharmacological characterization of novel xanthine carboxylate amides as A<sub>2A</sub> adenosine receptor ligands exhibiting bronchospasmolytic activity. Bioorganic and Medicinal Chemistry. 2016, 65, 26-37.
9. Ranju Bansal, Gulshan Kumar Suman Rohilla, Sonja Kachler, K.-N. Klotz. Synthesis and Evaluation of a New Series of 8-(2-Nitroaryl)Xanthines as Adenosine Receptor Ligands. Drug Development Research. 2016, 77, 241-250.
10. Gupta A, Birhman K, Raheja I, Sharma SK, Kar HK, Quercetin: A wonder bioflavanoid with therapeutic potential in disease management. Asia Pac. J. Trop. Dis. 2016;6(3); 248-252.
11. Hussain S, Chaudhary V, Jain V, Khar RK, Yadav M, Formulation and evaluation of liquid crystalline nanoparticles of combination drugs of antimalarials: Preformulation part 1. SJPR. Oct-Dec 2016 1(1).
12. Chaudhary V, Hussain S, Jain V, Prakash V, Khar RK, Sharma SK. Formulation and characterization of solid lipid nanoparticles containing Artemether and Lumefantrine for treatment of P. falciparum. 2016/BJPR/26483.

13. Yadav M, Sharma P, Chaudhary V., Srivastava B, Gastroretentive drug delivery systems: A promising approach", Indo American Journal of Pharmaceutical Research,2016: 6(4); 5225-5235.
14. Lohra D, Attri K, Yadav M, Preparation and characterization of transdermal Patches of repaglinide for the treatment of diabetes. SJPR Oct-Dec 2016 1(1).
15. Mehta M, Dureja H, Garg M. Development and optimization of boswellic acid loaded proniosomal gel. Drug Delivery. 2016. DOI: 10.3109/10717544.2016.1149744.
16. Mehta M, Satija S, Garg M. Simultaneous HPTLC densitometric estimation of KBA and AKBA from *Boswellia serrata*. Acta Chromatographica. 2016.
17. Mehta M, Satija S, Garg M. Comparison Between HPLC and HPTLC Densitometry for the Determination of 11-keto- $\beta$ -boswellic acid and 3-acetyl-11-keto- $\beta$ -boswellic acid from *Boswellia serrata* Extract. Indian Journal of Pharmaceutical Education and Research. 2016: 50 (3); 418-423.
18. Neeta, Mehta M, Satija S, Pandey P, Dahiya M. Relevance of ionotropic gelation technique in development of floating multiparticulate drug delivery systems. 2016. International Journal of Advance scientific research. 1(4);54-59.
19. Neeta, Mehta M, Satija S, Pandey p, Dahiya M. Solvent evaporation technique: An innovative approach to increase gastric retention. International Journal of Advance scientific research. 2016;1(4); 60-67.
20. Ranjan Vadi and Vats Manisha : Pharmacognostical and Physico-Chemical standardization of Whole Plant of *Adiantum capillus Venuris* Linn., International Journal of Pharmaceutical Sciences and Research, 2016: 7(2); 773-782.
21. Sharma Sandeep, Panchal Nitish, Sharma K Surender, Sharma Kumar Rakesh, Pantajali K Phool: The kinetic study of hydrolysis of chlorpyrifos using gallic acid coated Silver Nanoparticles. Advanced science engineering and Medicine, 2016:8(1-6).

Papers published in peer reviewed journals (national / international, listed in National/International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database, International Social Sciences Directory, EBSCO or any other indexing agency, Citation Index (source) google scholar, Research Gate, Scopus, SNIP, SJR Impact Factor ... range / average, h-index)

S. no.	Article in Vancouver style	National/ international	Database	Citation index Range/ average	SJR / SNIP	h-index	Impact factor

Non-indexed publications

Popular press writings / others

ii) Abstracts published in conference proceedings. (Faculty member wise)- 21

iii) Books with ISBN with details (faculty member wise)-

a) Chapters in Books -01

b) Edited Books - Nil

c) Books publishers -01

d) Monographs -Ni

5. Details of patents and income generated -Nil

## 6. Awards and Honours

Awards / recognitions received at the national and international level by (in Table. format...)

- Faculty :
  - Dr Vijay Bhalla –Recipient of IPGA Fellowship Award & Recipient of IPGA Professional Excellence award
- Others- NA
- Doctoral / post doctoral fellows -NA
- Students -NA

## 7. Consultancy and Participation as expert, income generated, (brief note on each)

### 8. Research

i). Details of the Funded projects department wise:

S. No.	Name of the faculty/ department	Name of PI	Funding agency	Indian agency / WHO / International / SGT University	Project title	Grants received	Completed/ ongoing/ new project submitted
1	SGT College of Pharmacy	Prof Vijay Bhalla	SERB, DST, GOI	Indian agency	National Conference Grant	Yes INR 75000/-	Completed

ii) Details of other non funded / self funded projects: department wise (list only)

iii) Student projects: NA

Sno.	Name of the student	Name of Guide	Course PhD, MD, MDS, MSc, JRF, SRF	Funded/ self funded	Indian agency/ WHO / International / SGT University	Project title	Grants received	Completed/ ongoing

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities /industry /institute

9. Patient Care, please provide detail in enumerative figures during the year of consideration. (Write NA if not applicable)

Facilities available	NA
Operations / procedures	NA
ICU details	NA
Emergency Duties	NA
OPD clinics	NA

10. Other Significant Events:

- 1<sup>st</sup> National Conference on Pharmacy Practice on 22.04.2017
- Pharma Expo 2016 during National Pharmacy Week in 3<sup>rd</sup> week of November 2016
- Health Camp on World Pharmacist Day on 25.09.2017
- Visit to Indian Pharmacopoeia Commission in March 2017

11. Courses in collaboration with other universities, industries, foreign institutions, etc. – In progress

12. Details of programmes discontinued, if any, with reasons - NA

13. Examination System: Annual/Semester/Trimester/weekly – Semester for B Pharmacy & Annual for Diploma in Pharmacy
14. Choice Based Credit System –Give brief note- Yes , as per PCI regulations
15. Participation of the department in the courses offered by other departments , courses in collaboration with other universities, industries, foreign institutions, etc. - NA
16. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad ( eg. Commonwealth fellowships, WHO fellowships, UNESCO fellowships etc)-NA
17. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (please specify)
- Dr Vijay Bhalla, Chief Editor- IPGA Today
  - Dr Vanadana Chaudhary- SPER
18. Faculty recharging strategies (Capacity Building programmes) (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). (give details)
19. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance (updated till date):

Name	Qualification	Designation	Specialization	No. of Years of	No. Of thesis/ dissertations guided till
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				Experience	now ( Ph.D. / M.Phil./ PG/ UG/Students)
Prof S K Sharma	M Pharm., PhD	Principal	Pharmaceutical Chemistry	32	5
Prof. Vijay Bhalla	M Pharm., PhD	Director Professor	Pharmaceutics	32	15
Dr Neelam Vashistha	M Pharm., PhD	Associate Professor	Pharm Chemistry	12	NA
Mr. Vinod Gahlot	M Pharm.	Assistant Professor	Pharmacology	12	NA
Ms Manisha Vats	M Pharm.	Assistant Professor	Pharmacognosy	10	10
Dr. Vandana Chaudhary	M Pharm., PhD	Assistant Professor	Pharmaceutics	9	5
Dr Deepika	M Pharm., PhD	Assistant Professor		2	NA
Ms Sonia Yadav	M Pharm.	Assistant Professor	Pharm Chemistry	4	NA
Dr Meenu Mehta	M Pharm., PhD	Assistant Professor		1	NA
Mr. Manish Yadav	M Pharm.	Assistant Professor	Pharmaceutics	5	NA
Ms Sushma Maratha	M Pharm.	Assistant Professor	Pharmacology	3	NA
Ms Nupur Sharma	M Pharm.	Assistant Professor	Pharmaceutics	2	NA
Ms Anjali Dhillon	M Pharm.	Assistant Professor	Pharmaceutics	2	NA
Dr Suman Rohilla	M Pharm., PhD	Assistant Professor	Pharm Chemistry	2	NA
Ms Arti Rajput	M Pharm.	Assistant Professor	Pharm Chemistry / QA	3	NA
Ms Kavita Attri	M Pharm.	Assistant Professor	Pharmaceutics	3	NA
Ms Nishtha Dogra	M Pharm.	Assistant Professor		2	NA
Mr Dheeraj Sharma	M Pharm.	Assistant Professor	Pharmacology	2	NA
Ms Annu	M Pharm.	Assistant Professor		2	NA
Ms. Shikha Bhardwaj	M Pharm.	Assistant Professor	Pharmaceutics	2	NA
Ms Kusumlata Bhardwaj	M Pharm.	Assistant Professor	Pharmacognosy	2	NA

20. List of senior Visiting Fellows, adjunct faculty, emeritus professors :

- Prof. R C Goyal, VC, DPSRU
- Prof Pramil Tiwari, Prof. HOD, NIPER, Mohali

21. Programme-wise Student Teacher Ratio (Table)

- B Pharmacy: 1:15

- Diploma in Pharmacy-1:15

22. Number of academic support staff (technical) and administrative staff: (in Table form)

a. 15

23. Establishment of Research facility / centre (during the year of consideration):

a. In progress

24. Student profile programme-wise ( No. only):

Name of the Programme	Applications Received wherever known	Selected		Pass percentage	
		Male	Female	Male	Female
B Pharmacy	90	51	7	Awaited	Awaited
D Pharmacy	78	48	12	Awaited	Awaited

25. Diversity of Students ( No. only):

Name of the Programme	% of Students from the Same University	% of students from other Universities within the State	% of students From Universities outside the State	% of students from other countries
B Pharmacy	NA	NA	NA	NA
D Pharmacy	NA	NA	NA	NA

26. Student progression (No. Only)

27. Diversity of staff (No. Only):

Percentage of faculty who are graduates of the same university	0%
From other universities within the state	12
From universities from other state	09
From universities outside states	NA

28. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt.

- Dr S K Sharma
- Dr Vijay Bhalla
- Dr Neelam Vashist

Student progression		Percentage against enrolled
UG to PG		Not Applicable
PG to M.Phil.		Not Applicable
PG to Ph.D.		Not Applicable
Ph.D. to Post-Doctoral		Not Applicable
Employed		Not Applicable
?	Campus selection	Not Applicable
?	Other than campus recruitment	Not Applicable
Entrepreneurs		Not Applicable

- Dr Vandana Chaudhary
- Dr Meenu Mehta
- Dr Suman Rohilla
- Dr Deepika

29. Present details of departmental infrastructural facilities regarding

- Library (no. of Books and Journals): 2342
  - Internet facilities for staff and students : Available
  - Total number of class rooms : 06
  - Class rooms with ICT facility : 06
- e) Students' laboratories: 13  
f) Research laboratories: 01

30. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university - None
  - from other institutions/universities - None
31. Number of postgraduate students getting financial assistance from the university.
32. FEEDBACK System (Brief note): Yes anonymous feedback system from all students
33. Student enrichment programmes [give details of (special lectures / workshops / seminar) involving external experts.]
- Dr Arvind Gupta
  - Dr Naresh Sharma
  - Dr Rajesh Kher
  - Dr Rajesh Bhaskar
  - Dr Anjan Krishna Adhikari
  - Prof Pramila Tiwari
34. Changes in Teaching Guidelines. (List the teaching methods adopted by the faculty for different programmes.):
- Student Interactive Session
  - Students' Seminar / Teachers Seminar
  - Project Based Learning / Problem Based Learning
  - Focus Group Discussion / Spot Group Discussion
  - Presentations / Case Studies
35. Changes adopted in monitoring learning outcomes: Monitoring, Evaluation and Training
36. Extension activities. Guest Lectures, Conferences, Seminars
37. "Beyond syllabus scholarly activities" of the department: Sports, Extra Curricular & Cultural activities
38. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Strengths: Learned Faculty, Interactive Teaching, 50% Practical, Industry Visits, Expert talk by highly skilled professionals, Hospital Training, National Seminars, Infrastructure
  - Weaknesses: Input of Students, Communication Skills, PG Courses,
  - Opportunities: To start PG Courses, Additional Communication skill classes, to have modern labs
  - Challenges: to improve input quality, To start research work, To approach funding agencies, To have tie ups and collaborations with other Universities
39. Best Practices of the department:
- Newer teaching methodologies
  - National Level conferences
  - Extension lectures by experts and professionals
40. Future plans for the department: **PROGRESSIVE PLAN (2017 onward)**

SESSION	COURSE	Duration	INTAKE	Additional
<b>2017-2018</b>	B Pharmacy (3 <sup>rd</sup> Year)		60	
	To Start B Pharm. ( Practice) for working Pharmacists	2 years	40	<b><u>NOC /Approval from State Govt. &amp; PCI</u></b>
<b>2018-2019</b>	B Pharmacy ( to raise intake) (4 <sup>th</sup> Year)		100	<b><u>Approval by PCI under Section 12 of Pharmacy Act</u></b>
	To start M Pharmacy- Pharmaceutics	2 years	15	<b><u>AICTE approval in case of providing Stipend</u></b>
	To start M Pharmacy- Pharm. Chemistry	2 years	15	<b><u>AICTE approval in case of providing Stipend</u></b>
	To start M Pharmacy- Pharmacology	2 years	15	<b><u>AICTE approval in case of providing Stipend</u></b>
	To start M Pharmacy- Pharmacognosy & Phytochemistry	2 years	15	<b><u>AICTE approval in case of providing Stipend</u></b>
	To start PHARM D ( Six year course)	6 years	40	<b><u>MOU with 300 bedded SGT Hospital</u></b>