# Evaluation Guidelines with indicative exhibits/context to be Observed/Assessed - SAR UG Pharmacy First Time Accreditation

### **Criterion 1: Vision, Mission and Program Educational Objectives (50)**

Sub Criteria	Marks	<b>Evaluation Guidelines</b>	
1.1. State the Vision and Mission	05	A. Availability of the Vision & Mission statements of the Department (2)	
		B. Appropriateness/Relevance of the Statements (3)	
Exhibits/Context to be Observed/Assessed:	<u>'</u>		
A. Vision & Mission Statements B. Corre	ctness fro	m definition perspective	
1.2.State the Program Educational Objectives (PEOs)	05	A. Listing of the Program Educational Objectives (3 to 5 PEOs) (5)	
Exhibits/Context to be Observed/Assessed:			
<b>A.</b> Availability & correctness of the PEO.	s statemer	nts	
1.3. Indicate where and how the Vision,	15	A. Adequacy in respect of publication & dissemination (3)	
Mission and PEOs are published and		B. Process of dissemination among stakeholders (4)	
disseminated among stakeholders		C. Extent of awareness of Vision, Mission & PEOs among the stakeholders (8)	

### Exhibits/Context to be Observed/Assessed:

### A. Adequacy: Department Vision, Mission and PEOs:

Availability on Institute website; Availability at Principal & In charges chambers, notice boards, availability in documents/course of study

### B. Process of dissemination:

Documentary evidence to indicate the process which ensures awareness among internal and external stakeholders with effective process implementation

### C. Extent of Awareness:

Based on interaction with internal and external stakeholders

1.4. State the process for defining the	10	A. Description of process implemented for defining the Vision, Mission (5)
Vision and Mission and PEOs		B. Description of process implemented for defining the PEOs (5)
Exhibits/Context to be Observed/Assessed:		
A&B. Documentary evidence to indicate the processimplementation	ne proces	ss which ensures effective participation of internal and external stakeholders with effective
1.5. Establish consistency of PEOs with	15	A. Preparation of a matrix of PEOs and elements of Mission statement (5)
Mission of the Institute		B. Consistency/justification of co-relation parameters of the above matrix (10)
Exhibits/Context to be Observed/Assessed:		
A. Availability of a matrix having PEOs and M	Mission e	elements B. Justification for each of the elements mapped in the matrix
Total:	50	
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## **Criterion 2: Program Curriculum and Teaching–Learning Processes (150)**

Sub Criteria	Marks	Evaluation Guidelines
2.1. Program Curriculum	40	
2.1.1. Delivery of Syllabus Contents and compliance of the curriculum for attainment	10	A. Process used to identify extent of compliance of university curriculum for attaining POs (6)  B. List the curricular gaps for the attainment of defined POs (4)
of POs		Note: In case all POs are being demonstrably met through University Curriculum then 2.1.2
		will not be applicable and the weightage of 2.1.1 will be 30
Exhibits/Context to be Observed/Assessed:		
	nd externo	nich ensures mapping/compliance of University Curriculum with the POs; Identification of gaps; if all department stakeholders with effective process implementation
2.1.2. State the delivery details of the contents beyond the Syllabus for the	20	A. Steps taken to get identified gaps included in the curriculum. (e.g. letter to university/BOS) (4)
attainment of POs		B. Delivery details of content beyond syllabus (10)
Exhibits/Context to be Observed/Assessed:		C. Mapping of content beyond syllabus with the POs (6)
Exhibits/Context to be Observed/Assessed.		
	_	terval B. Delivered details – documentary evidence for at least one sample per assessment year to f Mapping table between delivered contents and Program outcomes/Program specific outcomes
2.1.3 Adherence to Academic Calendar	10	Demonstrate notified academic calendar & its adherence
Exhibits/Context to be Observed/Assessed:		1

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2.2. Teaching-Learning Processes	110	
2.2.1. Initiatives in teaching and learning process	25	<ul> <li>A. Use of various instructional methods and pedagogical initiatives (4)</li> <li>B. Methodologies to support weak students and encourage bright students (4)</li> <li>C. Quality of classroom teaching (Observation in a Class) (4)</li> <li>D. Conduct of experiments (Observation in Lab) (4)</li> <li>E. Continuous Assessment in the laboratory (3)</li> <li>F. Student feedback on teaching learning process and actions taken (6)</li> </ul>

### Exhibits/Context to be Observed/Assessed:

- A. Documentary evidence to support implementation of pedagogical initiatives such as real-life examples, collaborative learning, ICT supported learning, interactive class rooms etc.
- B. Guidelines to identify weak and bright students; post identification actions taken
- C. Class room ambience; efforts to keep students engaged (also to be verified during interaction with the students)
- D. Quality of laboratory experience with respect to conducting, recording observations, analysis etc. (also to be verified during interaction with the students)
- E. Internal Semester examination and internal marks thereof, Practical record books, each experiment assessment, final marks based on assessment of all the experiments and other assessments; if any
- F. Feedback format, frequency, analysis and actions taken (also to be verified during interaction with students)

2.2.2. Quality of internal semester Question	10	A. Process for internal semester question paper setting, evaluation and effective process
papers, Assignments and Evaluation		implementation (2)
		B. Process to ensure questions from outcomes/learning levels perspective (2)
		C. Evidence of COs coverage in class test / mid-term tests (3)
		D. Quality of Assignment and its relevance to COs (3)

### Exhibits/Context to be Observed/Assessed:

- A. Process of internal semester question paper setting, model answers, evaluation and its compliance
- B. Question paper validation from outcome attainment perspective as well as learning levels perspective
- C. Mapping of questions with the Course outcomes
- D. D. Assignments to promote self-learning, survey of contents from multiple sources, assignment evaluation and feedback to the students, mapping with the COs

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2.2.3. Quality of student projects	15	A. Identification of projects and allocation methodology (2)
I		B. Types and relevance of the projects and their contribution towards attainment of POs (3)
		C. Process for monitoring and evaluation (3)
		D. Process to assess individual and team performance (2)
		E. Quality of completed projects/working prototypes (3)
		F. Evidences of papers published /Awards received by projects etc. (2)
Exhibits/Context to be Observed/Assessed:		
	D	
A. Projects identification and guide alloce		
B. Projects classification (application, pro		
C. Continuous monitoring mechanism and		
	a) to asses	ss individual contribution as well as collective contribution
E. Based on Projects demonstration	1 1	
	_	published /quality of competition in which award has been won
2.2.4. Initiatives related to Industry and/or	20	A. Industry supported laboratories (5)
Hospital interaction		B. Industry involvement in the program design and partial delivery of any regular courses for
		students (5)
		C. Hospital involvement in the program like collaborative initiatives with the hospitals etc. (10)
Exhibits/Context to be Observed/Assessed:		
A. Type of Industries, Type of Labs, utilizat	ıon ana e <u>ț</u>	<i>Jectiveness</i>
B. Documentary evidence		
C. Analysis and actions taken thereof		
2.2.5. Initiatives related to skill development	10	A. Industrial training/tours for students (2)
programs/industry internship/summer		B. Industrial /internship /summer training of more than two weeks and post training Assessment
training		$\begin{array}{c} (5) \\ \end{array}$
	1	C Student feedback on initiative (3)

## Exhibits/Context to be Observed/Assessed: (Documentary evidence from A to D)

- A. & B. Type of Industries, planned or non-planned activity, objectives clearly defined, no. of students participated, relevant area of training, visit report documented
- C.& D. Feedback format, analysis and actions taken (also to be verified during interaction with students)

10	Process followed and its effectiveness		
20	Quality from the equipment set-up		
Exhibits/Context to be Observed/Assessed:			
150			
	20		

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### **Criterion 3: Course Outcomes and Program Outcomes (100)**

Sub Criteria	Marks	Evaluation Guidelines		
3.1. Establish the correlation between the courses and the POs	20			
3.1.1. Course Outcomes	05	A. Evidence of COs being defined for every course (5)		
Exhibits/Context to be Observed/Assessed:				
A. Appropriateness of the statements shall	be seen fo	r atleast one course for each year of study		
3.1.2. CO-PO matrices of courses selected in 3.1.1 (four matrices)		A. Explanation of table to be ascertained (5)		
Exhibits/Context to be Observed/Assessed:				
A. Mapping to be verified for at least two m	atrices			
3.1.3. Course-PO matrix of courses for all years of study (4 years)	10	A. Explanation of tables to be ascertained (10)		
Exhibits/Context to be Observed/Assessed:				
A. Mapping to be verified for atleast one co	A. Mapping to be verified for atleast one course per year of study; program outcomes getting mapped with the core courses are also to be verified			
3.2. Attainment of Course Outcomes	40			
3.2.1. Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome isbased	10	<ul><li>A. List of assessment processes (2)</li><li>B. The quality /relevance of assessment processes &amp; tools used (8)</li></ul>		
Exhibits/Context to be Observed/Assessed:				
A.& B. Evidence for appropriate assessmen	t processe.	s including data collection, verification, analysis, decision making		

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3.2.2. Record the attainment of Course Outcomes of all courses with respect to set attainment levels	30	A. Verify the attainment levels as per the attainment levels set for all courses (30)	
Exhibits/Context to be Observed/Assessed:			
A. Methodology to define set levels and its co study to be verified	ompliance	; data collection, verification, analysis and decision making; details for one course per year of	
3.3. Attainment of Program Outcomes	40		
3.3.1.Describe assessment tools and processes used for assessing the attainment of each of the POs	10	A. List of assessment tools & processes (3)  B. The quality/relevance of assessment tools/processes used (7)	
Exhibits/Context to be Observed/Assessed:			
A.&B. Direct and indirect assessment tools analysis; decision making based on di	-	es; effective compliance; direct assessment methodology, indirect assessment formats-collection- ndirect assessment	
3.3.2. Provide results of evaluation of each	30	A. Verification of documents, results and level of attainment of each PO (20)	
PO		B. Overall levels of attainment (10)	
Exhibits/Context to be Observed/Assessed:			
A. & B. Appropriate attainment level and documentary evidences; details for POs attainment from core courses to be verified. Also atleast four POs attainment levels shall be verified			
Total	100		

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### **Criterion 4: Students' Performance (180)**

Sub Criteria	Marks	Evaluation Guidelines
4.1. Enrolment Ratio (20)	20	<ul> <li>A. &gt;= 90% students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (20)</li> <li>B. &gt;= 80% students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (18)</li> <li>C. &gt;= 70% students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (16)</li> <li>D. &gt;= 60% students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (12)</li> <li>E. &gt;= 50% students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year (08)</li> <li>F. Otherwise '0'.</li> </ul>
Exhibits/Context to be Observed/Assessed:		
A. B. & C. Data to be verified for each of the	assessme	nt years
4.2. Success Rate in the stipulated period	50	
of the program		
4.2.1. Success rate without backlogs in any Semester/year of study	30	SI= (Number of students who graduated from the program without backlog)/ {(Number of students admitted in the first year of that batch) plus (actual lateral entry students admitted in second year of

Data to be verified for each of the assessment years

4.2.2. Success rate in stipulated period	20	SI= (Number of students who graduated from the program in the stipulated period of program)/
(actual duration of the program)		{(Number of students admitted in the first year of that batch) plus (actual lateral entry students
[Total of with backlog + without		admitted in second year of study)}
backlog]		
		Average SI = mean of success index (SI) for past three batchesSuccess rate = 20 * Average SI

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Exhibits/Context to be Observed/Assessed:		
	,	
Data to be verified for each of the assessmen		4441
<u> </u>		total marks scored will be 50 as both 4.2.1 & 4.2.2 will be applicable simultaneously.
4.3. Academic Performance in Final Year	10	Academic Performance = Average API
		Academic Performance Index (API) = ((Mean of Final Year Grade Point Average of all successful Students on a 10-point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) * (successful students/number of students appeared in the examination)
		Successful students are those who passed in all the final year courses
Exhibits/Context to be Observed/Assessed:		
Data to be verified for atleast one of the ass	sacemant v	agrs
4.4. Academic Performance in Third	10	Academic Performance = Average API
Year	10	Academic Performance – Average Al 1  Academic Performance Index= ((Mean of 3 <sup>rd</sup> Year Grade Point Average of all successful Students
1 cai		on a 10-point scale) or (Mean of the percentage of marks of all successful students in Third
		Year/10)) * (successful students/number of students appeared in the examination)
		Successful students are those who are permitted to proceed to the final year
Exhibits/Context to be Observed/Assessed:		
Data to be verified for atleast one of the ass.  4.5. Academic Performance in Second		
	10	Academic Performance = Average API  Academic Performance = Index (API) (Macro of 2 <sup>nd</sup> Veer Crede Point Average of all successful
Year		Academic Performance Index = $(API) = ((Mean of 2^{nd} Year Grade Point Average of all successful$
		Students on a 10-point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) * (successful students/number of students appeared in the examination)
		Successful students are those who are permitted to proceed to the third year
Exhibits/Context to be Observed/Assessed:		•
Data to be verified for atleast one of the ass	essment ye	ears —

4.6. Academic Performance in First Year	20	Academic Performance=2.0*Average API Academic Performance Index (API) = ((Mean of 1 <sup>st</sup> Year Grade Point Average of all successful Students on a 10-point scale) or (Mean of the percentage of marks of all successful students in first Year/ 10)) * (successful students/number of students appeared in the examination)
		Successful students are those who are permitted to proceed to the second year
Exhibits/Context to be Observed/Assessed:		
Data to be verified for atleast one of the asses	sment ye	ars
4.7. Placement, Higher studies and	40	Assessment Points = $40 \times \text{Average of three years of } (X + Y)/N$ , where,
Entrepreneurship		X=Number of students placed in Industries/ Hospitals/ Government sector through on/off campus recruitment or opted for Entrepreneurship.
		Y=No.of students admitted to higher studies with valid scores in various Govt.  Approved/Recognized qualifying exams.  N=Total number of final year students
Exhibits/Context to be Observed/Assessed:		N=10tal humber of final year students
Data to be verified for atleast one of the asses		ars
4.8. Professional Activities	20	
4.8.1. Professional societies / chapters and	05	A. Availability & activities of professional societies/chapters (2)
organizing pharmacy events		B. Number, quality of pharmacy related events (organized at institute) (3)(Level - Institute/State/National/International)
Exhibits/Context to be Observed/Assessed:		
6.165		
Self Explanatory	0.5	
4.8.2. Publication of technical magazines, newsletters, etc.	05	A. Quality & Relevance of the contents and Print Material (3)  B. Participation of Students from the program (2)
Exhibits/Context to be Observed/Assessed:		
A. Documentary evidence		
B. Documentary evidence - Students participa	ition (also	o to be confirmed during interaction with the students)

4.8.3. Participation in inter-institute events	10	A. Events within the state (1)				
by students		B. Events outside the state (2)				
		C. Prizes/awards received in such events (7)				
Exhibits/Context to be Observed/Assessed:						
A.B.& C. Quality of events and documentary evidence						
Total:	180					

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### **Criterion 5: Faculty Information and Contributions (175)**

Sub Criteria	Marks	Evaluation Guidelines
5.1. Student-Faculty Ratio (SFR)	20	Marks to be given proportionally from a maximum of 20 to a minimum of 10 for average SFR between
		15:1 to 20:1, and zero for average SFR higher than 20:1. Marks distribution is given asbelow:
		15.00 - 15.50 - 20 marks
		15.51 - 16.50 — 18 marks
		16.51 - 17.50 - 16 marks
		17.51 – 18.50 - 14 marks
		18.51 – 19.50 - 12 marks
		19.51 – 20.00 - 10 marks

### Exhibits/Context to be Observed/Assessed:

- All the faculty whether regular or contractual (except Part-Time or hourly based), will be considered. The contractual faculty appointed with any terminology whatsoever, who have taught for 2 consecutive semesters with or without break between the two semesters in the corresponding academic year on full time basis shall be considered for the purpose of calculation in the Faculty Student Ratio. However, following will be ensured in case of contractual faculty:
  - Shall have the PCI prescribed qualifications and experience.
  - Shall be appointed on full time basis and worked for consecutive two semesters with or without break between the two semesters during the particular academic year under consideration.
  - Should have gone through an appropriate process of selection and the records of the same shall be made available to the visiting team during NBA visit.
- No. of students calculation as mentioned in the SAR(please refer table under criterion 5.1)
- Faculty Qualification as per PCI guidelines shall only be counted
- □ Note: If the Institute/Department is running Diploma, UG, PG programs parallelly, then for the UG & PG programs, total number of faculty will be calculated as mention below:
  - Total Number of faculty(F) in the Institute/Department **minus** Required number of faculty for Diploma programs (1:20).

### Checks for faculty count:

Is	the	inst	itut	ion	provid	ling	centra	1/	state	go	vernmen	t pay	scal	es?	•
_												_			

- $\hfill \Box$  Is the institution providing consolidated salary consistent with point 1?
- ☐ Is the intuition providing terminal benefits to faculty-gratuity, P.F., etc.?
- ☐ Is the institution deducting IT at source?

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5.2. Faculty Cadre Proportion	20	Cadre Proportion Marks =
		Where,  • AF stands for Available Faculty and RF stands for Required Faculty  • F1 = Professor; F2 = Associate Professor and F3 = Assistant Professor  • If AF1 = AF2= 0 then zero marks  • Maximum marks to be limited if it exceeds 20 (Refer calculation in SAR)
Exhibits/Context to be Observed/Assessed.		

(Faculty Qualification and experience required for cadre posts shall only be considered as per PCI norms/guidelines)

- Cadre wise No. of faculty available; Faculty qualification and experience and eligibility; Appointment/Promotion orders
- Cadre wise no. of faculty required as per PCI guidelines (refer calculation in SAR)

5.3. Faculty Qualification	20	$FQ = 2 * [{10X + 4Y}/F]$ where			
		• X is no. of faculty with Ph.D.,			
		Y is no. of faculty with M.Pharm.,			
		• F is no. of faculty required tocomply 1:15 Faculty Student ratio (no. of faculty and no. of			
		students required to be calculated as per 5.1)			

### Exhibits/Context to be Observed/Assessed:

Documentary evidence – Faculty Qualification

5.4 Faculty Retention	20	A. $\geq$ 90% of required Faculties retained during the period of assessment keeping CAYm2 as base year (20)
		B. $\geq 75\%$ of required Faculties retained during the period of assessment keeping CAYm2 as base year (16)

		C. $\geq$ 60% of required Faculties retained during the period of assessment keeping CAYm2 as base year (12)
		<ul> <li>D. ≥50% of required Faculties retained during the period of assessment keeping CAYm2 as base year (8)</li> <li>E. Otherwise (0)</li> </ul>
Exhibits/Context to be Observed/Assessed:		
Equality data of joining, at least three month	(July An	ril-May) salary statement for each of the assessment years
5.5. Innovations by the Faculty in	15	A. The work must be made available on Institute Website (2)
Teaching and Learning	13	B. The work must be available for peer review and critique (3)
reaching and Dearning		C. The work must be reproducible and developed further by other scholars (2)
		D. Statement of clear goals, use of appropriate methods, significance of results, effective
		presentation and reflective critique (8)
Exhibits/Context to be Observed/Assessed:		1 \ /
A. Availability on Institute website; awaren	ess amoi	ng faculty and students
B., C & D. Self - explanatory		
5.6 Faculty as participants in Faculty	15	For each year: Assessment = 3 * Sum/0.5* Required Faculty (RF)
development /training		RF as per 1:15 ratio
activities		Average assessment over three years (Marks limited to 15)
Exhibits/Context to be Observed/Assessed:		Average assessment over three years (warks inflicted to 13)
Exhibus/Comexi to be Observed/Assessed.		
• Faculty scores maximum five points for po	articinati	on
<ul> <li>Participant in 2 to 5 days Workshop/Facu</li> </ul>	•	
• Participant >5 days Workshop/Faculty D	•	
5.7. Research and Development	40	
5.7.1. Academic Research	10	A. Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc. (6)
		B. PhD guided/PhD awarded during the assessment period while working in the institute (4)
Exhibits/Context to be Observed/Assessed:		, , , , , , , , , , , , , , , , , , , ,
A. Quality of publications; publications cop	ру	
B. Documentary evidence		

5.7.2 Sponsored Research	10	Funded research from outside; Cumulative for CAYm1, CAYm2 and CAYm3):
(By DST, DBT, ICMR, AICTE, etc.)		Amount > 25 Lacs – 10 Marks
		Amount $\geq$ 22 Lacs and $\leq$ 25 lacs $=$ 9 Marks
		Amount $>= 19$ Lacs and $< 22$ lacs $- 8$ Marks
		Amount $\geq$ 16 Lacs and $<$ 19 lacs $-$ 7 Marks
		Amount $\geq$ 13 Lacs and $<$ 16 lacs $-$ 6 Mark
		Amount $\geq 10$ Lacs and $< 13$ lacs $- 5$ Marks
		Amount $\geq 08$ Lacs and $< 10$ lacs $- 4$ Mark
		Amount $\geq 06$ Lacs and $< 08$ lacs $- 3$ Mark
		Amount $\geq 05$ Lacs and $< 06$ lacs $- 2$ Marks
		Amount $\geq 04$ Lacs and $< 05$ lacs $- 1$ Mark
		$Amount \le 4 Lacs - 0 Mark$
Exhibits/Context to be Observed/Assessed.		
Documentary evidence; Funding agency, A	mount, D	uration, Research progress; Outcome
5.7.3. Consultancy (From Industry)	10	Consultancy; Cumulative for CAYm1, CAYm2 and CAYm3):
, , , , , , , , , , , , , , , , , , ,		Amount > 25 Lacs – 10 Marks
		Amount $\geq$ 22 Lacs and $\leq$ 25 lacs $=$ 9 Marks
		Amount $\geq$ 19 Lacs and $\leq$ 22 lacs $-$ 8 Marks
		Amount >= 16 Lacs and < 19 lacs – 7 Marks
		Amount $\geq$ 13 Lacs and $<$ 16 lacs $-$ 6 Mark
		Amount $\geq$ 10 Lacs and $\leq$ 13 lacs $-$ 5 Marks
		Amount $\geq 08$ Lacs and $< 10$ lacs $- 4$ Mark
		Amount $\geq$ 06 Lacs and $<$ 08 lacs $-$ 3 Mark
		Amount $\geq 05$ Lacs and $< 06$ lacs $- 2$ Marks
		Amount $\geq 04$ Lacs and $< 05$ lacs $- 1$ Mark
		$Amount \le 4 Lacs - 0 Mark$
Exhibits/Context to be Observed/Assessed.	,	
Documentary evidence: Funding agency A	mount. D	uration, Research progress; Outcome, Actual money received

5.7.4. Honorary Consultancy from	05	
Central/State/Local Government		
Organizations		
Exhibits/Context to be Observed/Assessed:		
5.7.5 Development Activities	05	A. Product Development (1)
		B. Research laboratories (2)
		C. Instructional materials (1)
L		D. Working models/charts/monograms etc. (1)
Exhibits/Context to be Observed/Assessed:		
Self - explanatory		
5.8. Faculty Performance Appraisal and	20	A. A well-defined performance appraisal and development system instituted for all the assessment
<b>Development System (FPADS)</b>		years as stipulated by the regulatory authority (5)
		B. Its implementation and effectiveness (15)
Exhibits/Context to be Observed/Assessed:		
A. Notified performance appraisal and de	velopmen	t system; Appraisal Parameters; Awareness
B. Implementation, Transparency and Eff	ectiveness	
5.9. Visiting/Adjunct/Emeritus Faculty	05	A. Provision of Visiting /Adjunct/Emeritus faculty etc.(2)
etc.		B. Minimum 50 hours per year interaction
		(Minimum 50 hours interaction in a year will result in 1 mark for that year; 1 marks * 3 years
		= 3 marks)
Exhibits/Context to be Observed/Assessed:		
Documentary evidence		
Total:	175	

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## **Criterion 6: Facilities (120)**

Sub Criteria	Marks	<b>Evaluation Guidelines</b>			
6.1. Availability of adequate, well- equipped classrooms to meet the curriculum requirements	20	Adequate well-equipped classrooms to meet the curriculum (20)			
Exhibits/Context to be Observed/Assessed:					
   Adequacy; well-equipped classrooms; utiliz	ation				
6.2. Faculty rooms	10	Availability of Conducive sitting place (10)			
Exhibits/Context to be Observed/Assessed:  Self-explanatory					
6.3. Laboratories including preparation room (wherever applicable), instrument/machine room and computer labs along with equipment and relevant facilities	60	A. Adequate well-equipped laboratories to run all the program-specific curriculum (40)  B. Adequate well-equipped computer laboratory and IT infrastructure (20)			
Exhibits/Context to be Observed/Assessed:		,			
A. Adequacy; well-equipped laborator B. Adequacy; well-equipped Computer					
6.4. Drug Museum	5	Type & quality of collection in the museum with proper labeling and display (5)			
Exhibits/Context to be Observed/Assessed:					
Self explanatory					

5	Area, demarcation, temporary/permanent arrangement, planting of plants under the shade in
	demarcated areas, adequacy of the plants (5)
20	
10	
10	
120	
	<b>20</b> 10

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## **Criterion 7: Continuous Improvement (75)**

Sub Criteria	Marks	Evaluation Guidelines
7.1. Improvement in Success Index of Students without the backlog	15	SI= (Number of students who graduated from the program without backlog)/(Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry)
Exhibits/Context to be Observed/Assessed	! <del>:</del>	
<u> </u>		success indices. Marks are awarded accordingly.
If $SI \ge 85\%$ in all the assessment years the	n juu mari 15	
7.2. Improvement in Placement and	13	Assessment is based on improvement in:
Higher Studies		Placement: number, quality placement, core industry, pay packages etc.
		<ul> <li>Higher studies: performance in GPAT etc., and admissions in premier institutions</li> </ul>
Exhibits/Context to be Observed/Assessed	! <b>:</b>	
Marks to be given proportionately conside	ring nos. i	n the base year CAYm3
7.3. Improvement in the API of the Final Year Students	10	Academic Performance Index = ((Mean of Final Year Grade Point Average of all successful Students on a 10-point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) * (successful students/number of students appeared in the examination)
		Successful students are those who passed in all the final year courses
Exhibits/Context to be Observed/Assessed:		
Data to be verified for atleast one of the assessment years		

7.4. Improvement in the quality of students admitted to the program	15	Assessment is based on improvement in terms of ranks/score in qualifying state level/national level entrances tests, percentage marks in Physics, Chemistry and Mathematics in 12 <sup>th</sup> Standard and percentage marks of the lateral entry students.
Exhibits/Context to be Observed/Assessed.	•	
Documentary evidence – list of students ad	mitted; ad	dmission authority guidelines; ranks/scores; comparative status considering CAYm3 as a base year
7.5. Actions taken based on the results	20	A. Documentation of POs attainment levels (5)
of evaluation of each of the POs		B. Actions taken based on the actual attainment levels of the POs (15)
Exhibits/Context to be Observed/Assessed.	;	
Documentary evidence in respect of each of	f the POs	
Total:	75	

## First Time Accreditation

## **Criterion 8: Student Support Systems (50)**

Sub Criteria	Marks	Evaluation Guidelines
8.1. Mentoring system to help at individual level	05	A. Details of the mentoring system that has been developed for the students for variouspurposes and also state the efficacy of such system (5)
Exhibits/Context to be Observed/Assesse	d:	
A. Mentoring system terms of reference; a	implemento	ation; effectiveness (also to be verified during interaction with the students)
8.2. Feedback analysis and reward /corrective measures taken, if any	10	<ul><li>A. Methodology being followed for analysis of feedback and its effectiveness (5)</li><li>B. Record of corrective measures taken (5)</li></ul>
Exhibits/Context to be Observed/Assesse	d:	
		questionnaire. It needs to justify that the feedback mechanism developed by the institution reallyhelps quality of teaching and ensure attainment of set levels for each PO.
8.3. Feedback on facilities	05	A. Feedback collection, analysis and corrective action (5)
Exhibits/Context to be Observed/Assesses Self -explanatory	d:	
8.4. Self -Learning	05	A. The institution needs to specify facilities, materials and scope for self-learning, learning beyond syllabus and creation of facilities for self-learning and learning beyond syllabus (5)
Exhibits/Context to be Observed/Assesse	d:	
Self- explanatory		
8.5. Career Guidance, Training,	10	A. Availability of career guidance facilities (2)
Placement		B. Counseling for higher studies (2)
		C. Industry interaction for training (3)
		D. Placement support (3)
Exhibits/Context to be Observed/Assesse	d:	
Availability implementation effectiveness	s (also to b	e verified during interaction with the students)
Transacting, implementation, effectiveness	j juiso io o	e respect thank ancidental man the stations,

8.6. Entrepreneurship Cell	05	Students success stories	
Exhibits/Context to be Observed/Assessed	Exhibits/Context to be Observed/Assessed:		
Describe the facility, its management and	its effective	eness in encouraging entrepreneurship and incubation	
8.7.Co-curricular and Extra-	10	A. Availability of sports and cultural facilities (3)	
curricular Activities		B. NCC and/or NSS and other clubs (3)	
		C. Annual students' activities (4)	
Availability, implementation, effectiveness (also to be verified during interaction with the students)			
Total:	50		

## First Time Accreditation

## **Criterion 9: Governance, Institutional Support and Financial Resources (100)**

Sub Criteria	Marks	Evaluation Guidelines
9.1. Organization, Governance and Transparency	50	
9.1.1. Governing body, administrative setup, functions of various bodies, service rules procedures, recruitment and Promotional policies.	10	<ul> <li>A. List the Governing Body Composition, senate, and all other academic and administrative bodies; their memberships, functions, and responsibilities; frequency of the meetings; participation details of external members and attendance therein (4)</li> <li>B. The published service rules, policies and procedures with year of publication (3)</li> <li>C. Minutes of the meetings and action-taken reports (3)</li> </ul>
Exhibits/Context to be Observed/Assess	ed:	
Self-explanatory		
9.1.2. Decentralization in working and grievance redressal mechanism	15	<ul> <li>A. List the names of the faculty members who have been delegated powers for takingadministrative decisions (2)</li> <li>B. Specify the mechanism and composition of grievance redressal cell (5)</li> <li>C. Documentary evidence in aspect of actions taken as per 'A' &amp; 'B' above (8)</li> </ul>
Exhibits/Context to be Observed/Assess	ed:	
A. B. & C. Documentary evidence		
9.1.3. Delegation of financial powers	15	A. Financial powers delegated to the Principal, Heads of Departments and relevant in-charges (3)  B. Demonstration of utilization of financial powers for each of the assessment years (12)
Exhibits/Context to be Observed/Assess	ed:	
A. Circulars notifying financial power. B. Documentary evidence to exhibit ut.		ach levels during assessment years

9.1.4. Transparency and availability of correct/unambiguous information in public domain	10	A. Information on the policies, rules, processes is to be made available on web site (4)  B. Dissemination of the information about student, faculty and staff (6)
Exhibits/Context to be Observed/Assessed  A. & B. Website and Documentary evide		
9.2. Budget Allocation, Utilization, and Public Accounting at Institute level	30	
9.2.1. Adequacy of Budget allocation	10	<ul><li>A. Quantum of budget allocation for three years (4)</li><li>B. Justification on adequacy of budget allocated for three years (6)</li></ul>
Exhibits/Context to be Observed/Assessed	d:	
A. Budget formulation, finalization and a B. Requirement – allocation –adequacy –		
9.2.2. Utilization of allocated funds	15	<ul><li>A. Budget utilization for three years (10)</li><li>B. Consistency with the audited statement (5)</li></ul>
Exhibits/Context to be Observed/Assessed	d:	
A. Balance sheet; effective utilization; ra B. Audited statement of accounts and Co.		ication for atleast two of the three assessment years n utilization of funds
9.2.3. Availability of the audited statements on the institute's website	05	A. Availability of Audited statements on website (5)
Exhibits/Context to be Observed/Assessed	d:	•
Website		

9.3. Library and Internet	20	
9.3.1. Quality of learning resources (hard/soft)	10	A. Availability of relevant learning resources including e-resources and Digital Library (5)  B. Accessibility to students (5)
Exhibits/Context to be Observed/Assesse	ed:	
Availability; Adequacy; Effectiveness		
(Also to be verified during interactions w	ith the facul	ty and students)
9.3.2. Internet	10	A. Available bandwidth (4)
		B. Wi-Fi availability (2)
		C. Internet access in labs, classrooms, library and offices of all Departments (2)
		D. Security mechanism (2)
Exhibits/Context to be Observed/Assesse	ed:	· · · · · · · · · · · · · · · · · · ·
Availability as per PCI/AICTE norms; Ac	deauacy: Effe	ectiveness
(Also to be verified during interactions w	1 00	
Total:	100	
i viai.	100	