




Nashik Gramin Shikshan Prasarak Mandal's,
College of Pharmacy
Brahma valley educational campus,
Anjaneri, Nashik – 422 213
Phone No. : (02594) 220146, 220147

ATTAINMENT OF PROGRAMME OUTCOMES AND COURSE OUTCOMES.
(A.Y. 2017-18 TO 2021-22)

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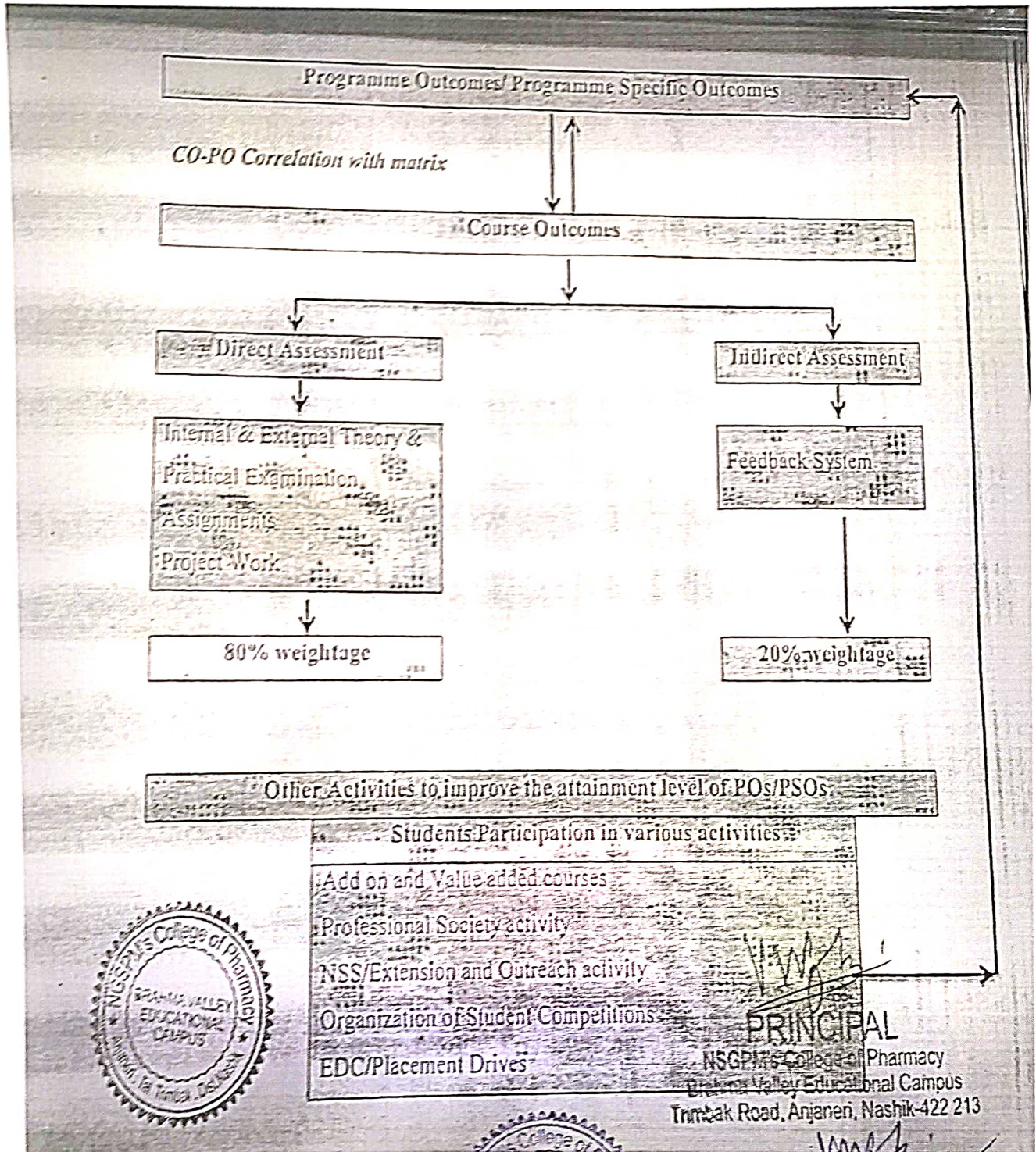



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MECHANISM OF ATTAINMENT OF PROGRAMME OUTCOMES AND COURSE OUTCOMES



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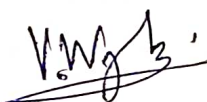
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ATTANMENT OF PROGRAMNE OUTCOMES AND COURSE OUTCOMES

(A.Y.2017-18 to 2021-22)

Sr.No	Assessment tools	Frequency	Process and Method	Programme outcome
Direct Assessment and Evaluation Method and Relevance for Attainment of POs				
1	Written Sessional Examination	1 or 2 times in a year for semester pastern	Examinations Provide direct evidence of student academic achievement and can be more objective, valid and reliable A written examination where the students have not seen the examination questions prior to appearing the exam. The examinations are made up of one or more essay questions or are be a combination of short answer. Problem or essay questions. There is a time restriction for completion of the exam. The outcomes measured by the examinations are identical to the program's student learning outcomes and the examination questions will assess both course and program outcomes. With some creativity, examination questions can also be written to cover broader POs without losing their validity for course evaluation.	All Program outcomes
2	Written Examination University	Once in a semester for semester pattern		





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Sr.No	Assessment tools	Frequency	Process and Method	Programme outcome
3	Practical Sessional Examination	1 or 2 times in a year for semester pastern	Practical skills assessment focuses on whether, and/or how well, a student performs skill or technique (or competency). A laboratory journal is a set of reports detailing experiments of reports detailing experiments or actives carried out in a laboratory setting. This measures knowledge of experimental procedures, analyses and interpretation of results and encourage students to think about and record the processes of the experiments rather than just performing them, therefore in laboratory journals there are marked assigned for Daily performance (day to day evaluation) which include the laboratory work/attitude, viva and laboratory report. This Daily performance marks are considered in the sessional practical examination marks.	All Program outcomes
4	Practical Examination University	Once in a semester for semester pattern	A practical skills assessment focuses on whether, and/or how well, a student performs a specified Practical skill or technique (or competency). A laboratory journal is a set of report detailing experiments or activities setting. This measures knowledge of experimental procedures, analyses and interpretation of results and encourage students to think about and record the processes of the experiments them. This just preforming them. This is evaluated through the practical examination.	All Program outcomes

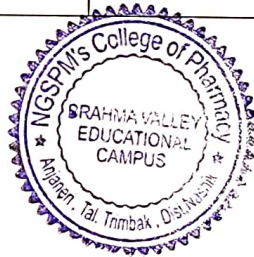



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Sr.No	Assessment tools	Frequency	Process and Method	Programme outcome
Indirect assessment and evaluation methods and their relevance for attainment of POs				
5	Assignments	3/4 per Semester each of each type	Multiple Choice Exams are objective exams made up of many questions. A multiple choice questions consists of a question and several possible answers, with one v=being correct or the most correct answer. It is used to measure. Understanding, analysis, problem solving and evaluative skills.	All Program outcomes
	Multiple choice questions / assignment/open book test			
	Oral Presentation		A ppt is a visual representation of a topic or the outcomes of learning activities. Provides an opportunity to display creativity and originality. Capacity to present findings in a concise and Attractive manner.	All Program outcomes
	Cognitive skill Based/Case Study Based		This approach involves testing students with questions relating to issues or material that is not familiar to students but can be answered using skills and techniques developed. This method tests the learning processes developed rather than knowledge and assess a wide range of practical, analytical and interpretative skills.	All Program outcomes



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Sr.No	Assessment tools	Frequency	Process and Method	Programme outcome
6	Project Work (literature review, research)	Every Year	Practice School projects are an extended piece of work involving inquiry-based activities. The Project may be big or small and undertaken by individuals or in groups. A literature review involves surveying the literature in the chosen area of study and critically analysing the information gathered. This is then synthesised in to a summary presented in an organised style. Can assess a wide range of skills and demonstrate a student's time and project management to explore a topic in depth. As per curriculum there is a Practice School Project Which Each Student Has To Completed In Their Final Year B. Pharm.	All Program outcomes
7	Employer Feedback	Every Year	This Survey being conducted to seek the employer's opinions of student's no-the-job performance and their views regarding the improvement of the same. This information helps in preparing students for a particular job or career filed.	All Program outcomes
8	Alumni Feedback	Every Year	This survey being conducted to seek the information related to the learning experience during their graduation and feedback of the Programme. Moreover opinion is collected regarding the program should be changed, altered, improved or expanded for the effective attainment of Programme outcomes.	All Program outcomes
9	Parent's feedback	Every year	This survey being conducted to gather the feedback from parents regarding development in their wards during graduation at our college. This help in effective attainment of programme outcomes.	PO II



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Sr.No	Assessment tools	Frecuency	Process and Method	Programme outcome
10	Course feedback by student	Every	This survey being conducted in a bid to understand student's problem about course and to rectify them so as to attain the set programme outcomes. The survey aims at enhancing and improving student's performance here and makes a better individual.	
11	Institute Feedback by Student's	Every Year	This survey is being conducted to the seek information regarding student's experience in the institute with respect to infrastructure and facilities provided in the college for their overall development. This information is used to necessary action so as to effectively attain Programme Outcomes.	All Program outcomes
12	Teacher's Feedback by student	Every year	This survey is being conducted to the seek information regarding student's experience regarding the teaching and learning system in the institute. This feedback is collected for each teacher. This information is a used to necessary action so as to improve the teaching methodology to effectively attain programme Out comes.	All Program outcomes



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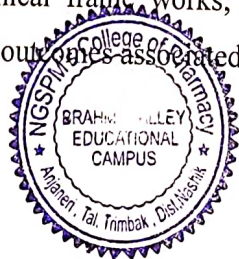
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PROGRAM OUTCOMES
B.PHARM

- 1. Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; Pharmaceutical science: behavioural, social and administrative pharmacy sciences and manufacturing practise.
- 2. Planning Abilities:** Demonstrate effective planning abilities including time management. Resource management delegation skills and organizational. Develop and implement plans and organize work to meet deadlines.
- 3. Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decision during daily practice Find analyse evaluate and apply information systematically and shall make defensible decisions.
- 4. Modern tool usage:** Learn, select and apply appropriate method and procedures, resources and modern pharmacy-related computing tools with an understanding of the limitations.
- 5. Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfilment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
- 6. Professional Identity:** Understand, analyse and communicate the value of the value of their Professional roles Society (e.g. heath care professionals, promoters of health, educators, managers, employers, employees).
- 7. Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behaviour that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frame works; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

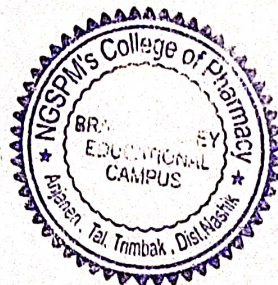


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8. **Communication:** - Communicate effectively with the pharmacy community and with society at large such as, being able to comprehend and write effective reports, make effective presentations and documentation and give and receive clear instruction.
9. **The Pharmacist and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issue and the consequent responsibilities relevant to the professional pharmacy practice.
10. **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.
11. **Life-Long learning:** Recognize the need for, and have the Preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.



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