

# Study & Evaluation Scheme

of

## B.Sc.-B.Ed. (Integrated)

[Applicable w.e.f. Academic Session - 2019-20 till revised]

[As per CBCS guidelines given by UGC]



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classroom exercise, an assignment- home or field, or anything else which is relevant and which can enhance their learning about that particular concept or topic. Due to limited availability of time, most relevant topics will have this kind of method in course handout.

<b>B.Sc.-B.Ed.(Int.) : Four-Year (8-Semester) CBCS Programme</b>			
<b>Basic Structure: Distribution of Courses</b>			
<b>S.No.</b>	<b>Type of Course</b>	<b>Credit Hours</b>	<b>Total Credits</b>
1	Core Course (CC)	15 Courses of 4 Credit Hrs. each (Total Credit Hrs. 15X4) 6 Courses of 2 Credit Hrs. each (Total Credit Hrs. 6X2)	72
2	Ability-Enhancement Compulsory Course (AECC)	07 Courses of 3 Credit Hrs. each (Total Credit Hrs. 07X3) 03 Courses of 4 Credit Hrs. each (Total Credit Hrs. 03X4)	33
3	Program/Discipline Specific Elective Course (DSEC)	12 Courses of 4 Credit Hrs. each (Total Credit Hrs. 12X4) 12 Course of 4 Credit Hrs. each (Total Credit Hrs. 12X2)	72
4	Pedagogy Elective Course (PEC)	2 Courses of 4 Credit Hrs. each (Total Credit Hrs. 2X4)	08
5	Engage with the field (EWF)	1 Courses of 4 Credit Hrs. each (Total Credit Hrs. 1X4)	04
6	School Internship Course (SI)	3 Course of total Credit 20	20
7	Enhancing Professional Capacities (EPC)	2 Course of 2 Credit Hrs. each (Total Credit Hrs. 2X2)	04
<b>Total Credits</b>			<b>213</b>

Contact hours include work related to Lecture, Tutorial and Practical (LTP), where our institution will have flexibility to decide course wise requirements.

#### **B. Choice Based Credit System (CBCS)**

Choice Based Credit System (CBCS) is a versatile and flexible option for each student to achieve his target number of credits as specified by the UGC and adopted by our University.

The following is the course module designed for the B.Sc.-B.Ed. (Int.) program:

**Core Course (CC):** Core courses of B.Sc.-B.Ed. (Int.) program will provide a holistic approach to basic science education, giving students an overview of the field, a basis to build and specialize upon. These core courses are the strong foundation to establish basic science knowledge and provide broad multi-disciplined knowledge can be studied further in depth during the elective phase.

The core courses will provide more practical-based knowledge, case-based lessons and collaborative learning models. It will train the students to analyze, decide, and lead-rather than merely know-while creating a common student experience that can foster deep understanding, develop decision-making ability and contribute to the basic education and community at large.

A wide range of core courses provides groundwork in the basic school education, Upper primary education and secondary education.

The integrated foundation is important for students because it will not only allow them to build upon existing skills, but they can also explore career options in a range of industries, and expand their understanding of various education field.

**Ability Enhancement Compulsory Course (AECC):** As per the guidelines of Choice Based Credit System (CBCS) for all Universities, including the private Universities, the Ability Enhancement Compulsory Course B.Sc.-B.Ed. (Int.) Syllabus as per CBCS (2019-20)



(AECC) is a course designed to develop the ability of students in communication (especially English) and other related courses where they might find it difficult to communicate at a higher level in their prospective job at a later stage due to lack of practice and exposure in the language, etc. Students are motivated to learn the theories, fundamentals and tools of communication which can help them develop and sustain in the corporate environment and culture.

**Program/Discipline Specific Elective Course (DSEC):** The discipline specific elective courses chosen to make students specialist or having specialized knowledge of a specific domain like marketing, human resource, etc. It will be covered in 6 semester or in 3 year of the program relevant to chosen disciplines of core courses of the program. The student will have to choose any onespecialization out of the two specializations offered, i.e., PCM (Physics, Chemistry, Math's) and ZBC (Zoology, Botany, Chemistry).

**Open Elective Course (OEC):** Open Elective is an interdisciplinary additional subject that is compulsory in the fifth and Six semester of the program. Each student has to do two MOOC courses of minimum eight weeks each as an Open Electives. The students can choose MOOC Course from SWAYAM/ E-Pathshala/ NPTEL or any other online learning portal.

**Pedagogy Elective Course (PEC):** Pedagogy is the "art, science, or profession of teaching; especially: education." This definition covers many aspects of teaching, but pedagogy really comes down to studying teaching methods. The pedagogy elective course chosen to make students specialist or having specialized knowledge of a specific domain like art, science and social etc. We offer 2 pedagogy elective course to choose from a list.

**Engage with the field (EWF) and Project:** Engagement also refers to a "willingness, need, desire and compulsion to participate in, and be successful in, the learning process promoting higher level thinking for enduring understanding." Engagement with the field is also a usefully ambiguous term for the complexity of 'engagement' beyond the fragmented domains of cognition, behavior, emotion or affect, and in doing so encompass the historically situated individual within their contextual variables (such as personal and familial circumstances) that at every moment influence how engaged an individual (or group) is in their learning.

**School Internship Course (SI):** An internship is a period of work experience offered by an organization for a limited period of time. It empowers you to perform your rules in your respective level, subject area and discipline as well as to prepare you for personal and professional advancement. It gives you the chance to work under a second teacher who shall serve as your mentor. Students are motivated to learn the theories, fundamentals and tools of communication which can help them develop and sustain in the corporate environment and culture.

**Enhancing Professional Capacities (EPC):** "Professional development refers to activities to enhance professional career growth". Such activities may include individual development, continuing education, and in service education, as well as curriculum writing, peer collaboration, study groups, and peer coaching or mentoring. it difficult to communicate at a higher level in their prospective job at a later stage due to lack of practice and exposure in the language, etc. Students are motivated to learn specific tools of profession which can help them develop and sustain in the corporate environment and culture.

**Value Added Course (VAC):** A value added course is a non-credit course which is basically meant to enhance general ability of students in areas like soft skills, quantitative aptitude and reasoning ability - required for the overall development of a student and at the same time crucial for industry/corporate demands and requirements. The student possessing these skills will definitely develop acumen to perform well during the recruitment process of any premier organization and will have the desired confidence to face the interview. Moreover, these skills are also essential in day-to-day life of the corporate world. The aim is to nurture every student for making effective communication, developing aptitude and a general reasoning ability for a better performance, as desired

