

Dr B R AMBEDKAR OPEN UNIVERSITY

Hyderabad, Telangana

Programme Project Report – PPR

Name of the Faculty: SCIENCE (Botany, Chemistry, Computer Applications, Geology, Mathematics, Statistics, Physics and Zoology)

Name of the Programme: B. Sc

S.No.	Parameters	Details
a.	<p>Programmes mission & objectives: <i>(its alignment with industrial/ learner demands)</i></p>	<p>Mission: To provide opportunities of higher education in sciences to all sections of society to meet the changing individual and social needs.</p> <p>To produce quality of students with good moral, ethical and sound knowledge in the field of science.</p> <p>To be actively involved in the community problem solving by utilizing applications of science & technology.</p> <p>Objectives: To imparting students with comprehensive knowledge and better understanding in theoretical and experimental aspects of science through core and elective courses to meet the demands of industrial needs.</p> <p>To inculcate scientific approach and problem-solving abilities by training the students with broader knowledge for holistic development.</p>
b.	<p>Relevance of program with Dr. BRAOU's Mission & Goals:</p>	<p>The programme is relevant to Dr.BRAOU mission and goal i.e. Access to relevant quality education and training programmes for diverse sections of society with a focus on hitherto deprived sections at lower costs by using the modern technologies in teaching-learning processes as well as in administrative and support services.</p>
c.	<p>Nature of prospective target group of learners:</p> <ol style="list-style-type: none"> 1. Specify the target group: 2. Needs of the target group: 	<p>Those who passed 10+2 with science subjects and equivalent examination.</p> <p>Those who wish to upgrade the educational qualifications to get better professional positions and promotions</p>

6. Type of programme (General/ Professional):	General
7. Faculty and Support staff:	Botany: Dr. N. RamaKrishna, Assistant Professor.

	<p>8. Instructional design & delivery mechanism(<i>Media to be used -print, audio, video, online, computer aided, web based, etc. (course wise)</i>):</p> <p>9. Student Support Service system (<i>Specify the provisions to be made at HQs, Regional Centres, Learner</i></p>	<p>Sri. Y. Kumar, Assistant Professor.</p> <p>Sri. T. Pochaiiah, Support Staff.</p> <p>Chemistry:</p> <p>Dr. K. Prameela, Assistant Professor</p> <p>Sri. D. Koteswararao, Assistant professor</p> <p>Sri. P. Prabhakar Reddy, Support Staff</p> <p>Computer Applications:</p> <p>Sri. Nrasaiah Battu, Assistant Professor.</p> <p>Geology:</p> <p>Prof. P. Madhusudhana Reddy, Professor.</p> <p>Sri. D. Dhayaker, Support Staff.</p> <p>Mathematics:</p> <p>Dr. K. Sridevi, Associate Professor</p> <p>Sri. B. Yellaiah, Support Staff.</p> <p>Statistics:</p> <p>Dr. K. Vijaya Kumar, Assistant Professor.</p> <p>Sri. D. Dayakar, Support Staff.</p> <p>Physics:</p> <p>Prof. G. Pushpa Chakrapani, Professor.</p> <p>Dr. U. Vijaya Ushasri, Assistant Professor.</p> <p>Sri. M. Murali Krishna, Support Staff.</p> <p>Zoology:</p> <p>Dr. P. Srinivas, Adjunct faculty</p> <p>Dr. M. Kishore, Assistant professor.</p> <p>Sri. Bala Krishna, Support Staff.</p> <p>Self-Learning Mode of material is provided in Print and online mode. Audio, video, AVPRC website, TSAT, AIR, web radio, DD-Yadagiri and 36 BRAOU – YouTube channels.</p> <p>Student Support Services branch will arrange Counseling cum Contact classes at Study Centers: 100 hours for theory 180 hours for practical contact classes in the first</p>
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	<p><i>Support Centres and Web based, etc):</i></p>	<p>year, 100 hours for theory, 180 hours for practical contact cum counseling classes in second year, 144 hours for theory 360 hours for practical contact cum counseling classes in the third year.</p> <p>Print : Self Learning Material is provided by the University.</p> <p>Audio Lessons : Radio Lessons are aired.</p> <p>Video Lessons : Video Lessons and Tel-conference are broad cast through DD Yadagiri and T-SAT.</p> <p>Online: Audio-Video lessons are available for each student with user login ID and password through university website.</p> <p>Head quarter: Admission process, reviewing the policies, Study centers management, planning Academic calendar, Schedules planning and monitoring of implementation.</p> <p>Regional centers: Coordinating between study centers and Head quarter.</p> <p>Study centers: Study centers plays key role in facilitating and conducting theory and practical counseling sessions, collecting assignments, conducting practical examinations, managing Exam centre for theory examinations. Guide the learner in pursuing and to complete the course. Create the Job awareness etc..</p>
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f.	<p>Procedure for admissions, curriculum transaction and evaluation:</p> <ol style="list-style-type: none"> 1. Define the admission policy (<i>including web based tools to be adopted</i>) : 2. Eligibility criteria: 3. Fee structure: 4. Activity planner of all academic activities of the academic session: 5. Policy for Evaluation of learner progress along with methods and tools: 	<ol style="list-style-type: none"> 1. All courses' admissions are given through web based services only. No offline mode admissions. 2. 10 + 2 or equivalent examination. 3. I Year Tuition fee Rs. 2700 and Lab Fee at the rate of Rs. 1600 for each Science subject. Practical Fee for Mathematics and statistics is Rs. 800 and computer applications Rs. 4000/- II Year Tuition fee Rs. 2500/- and Lab Fee at the rate of Rs. 1600 for each Science . Practical Fee for Mathematics and statistics is Rs. 800 and computer applications Rs. 4000/- III Year Tuition Fee Rs. 2500 and Lab Fee at the rate of Rs. 1600 for each Science subject. Practical fee for Mathematics and statistics is Rs. 800 and computer applications Rs. 4000/- 4. University academic almanac is followed. 5. The University uses formative/continuous and summative/ term end evaluation for assessing the progress of its learners and evaluation of their performance. Formative/ Continuous evaluation is conducted at two levels i.e. through self check exercises in-built into the SLMs; formative assessment through tutor marked assignments; practical assignments. Summative / term end evaluation is through theory and practical based term end examinations.
g.	<p>Requirement of the laboratory support and library resources:</p> <ol style="list-style-type: none"> 1. Laboratory support to the learners (<i>if any</i>): 	<ol style="list-style-type: none"> 1. For practical based courses laboratory practical sessions are conducted in face to face mode (which is compulsory component) in laboratories at Head quarter, Regional Centres and Learner Support Centres well equipped with such facilities. Library facility is available at all Learner Support

	<p>2. Provision of Practical book for learners (if any):</p> <p>3. Provision of Virtual Reality methods for Practicals in case of Online learning (if any):</p>	<p>Centres; Regional Centres and Headquarters of the University</p> <p>2. Practical record cum manual books are provided to the Learners at the time of practical counseling sessions.</p> <p>3. Web based e- content (Open source), audio, video Recorded practical demonstration materials are provided.</p>
h.	<p>Cost estimate of the program and the provisions:</p> <p>1. Indicate the budgetary requirement for:</p> <p>1. Programme Development</p> <p>2. Delivery</p> <p>3. Maintenance</p>	<p>Programme development is an ongoing process and the programme is already on offer. However, before development of the programme, cost analysis was done by the expert committee based on the content to be revise, rewrite and writing of new content. During the development editors, writers, translators and proof readers and DTP operators plays an important role to prepare in house style CRC. The entire above workforce need to be honored with honorarium. The University has dedicated budgetary provisions for programme development.</p> <p>Delivery and maintenance: Directorate of Material and Publication department for material production and distribution, computer centre provides the facilities to generate repository for accessing online materials. AVPRC maintaining the recorded Audio and Video lecture through https://vidyagani.braou.ac.in/.</p>
i.	<p>Quality assurance mechanism and expected program outcomes*:</p> <p>1. Define the review mechanism of the Programme for enhancing the standards of curriculum, instructional design relevant to professional requirements:</p> <p>2. Define Programme benchmark statements:</p> <p>3. Mechanism for monitoring the effectiveness of the programme:</p> <p>*Minimum standards must adhere to UGC (ODL)</p> <p>Regulations, 2017 and directions of the Statutory Bodies of the University</p>	<p>Quality Assurance mechanism:</p> <p>University has:</p> <ul style="list-style-type: none"> • Standard norms and procedures for course design and development; • Standard norms and procedures for establishment of LSCs, • Standard norms for appointment of academic counsellors and evaluators; • Involving external experts in maintaining quality of curriculum design and development , including student evaluation; • All activities of LSCs and examination centers are monitored by University. • assignments are being monitored by faculty and department to ensure the quality of continuous evaluation. <p>The University has standardized its courseware based on the credit system. To further standardize its courses</p>

		<p>it has developed its own house style. There is a mechanism in place for continuous quality assessment for design, development and delivery of its academic programmes. The quality is assured at different phases by statutory bodies of the University namely: School Board of Studies, Academic Programme Committee, Planning Board and Academic Council. Programme evaluation is the norm before undertaking revision of the programme. The above mechanism has been followed for this programme also</p> <p>Expected programme outcomes: Learners completing this programme are expected to acquire knowledge and skills appropriate for Science Graduates in the fields of botany, Chemistry, Computer Applications, Geology, Zoology, statistics, Mathematics and Physics.</p>
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Signature of Dean of the Faculty with seal
DEAN FACULTY OF SCIENCE
 Dr. B.R. Ambedkar Open University
 Road No. 46, Jubilee Hills,
 HYDERABAD-500 033, A.P. INDIA.

Signature of the Director Academic with seal

[Handwritten Signature]
Director (Academic)
 B.R. Ambedkar Open University
 Hyderabad-500 033.