



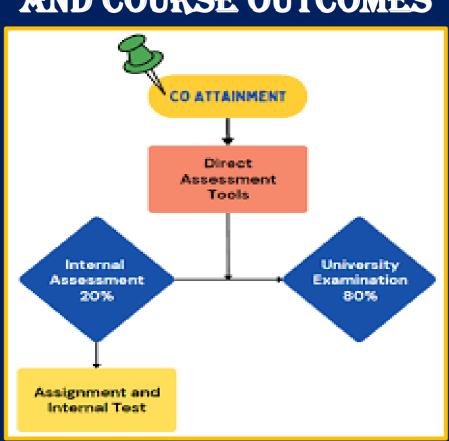
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ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES









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Attainment of POs and COs

Writing appropriate POs and PSOs, which are based on the college's vision and mission statements and the corresponding programmes it offers, is the first step in achieving PSOs and POs.

The more comprehensive and inclusive qualities that a student exhibits at the program- specific completion of a particular programme, such as a B.A., B.Sc., or B.Com. Programme Results of the particular course are created collaboratively by the departments involved, utilising Bloom's taxonomy's action verbs of learning levels. These are then presented for discussion and approval at meetings of the Academic Council and Boards of Studies. Discussions centre on whether the departments' adopted course assessment techniques provide an emphasis on meeting the learning objectives expressed as Course Outcomes.

The first stage in determining the college's achievement level is as follows. The curriculum is structured in accordance with outcome-based education in order to achieve the desired results.

Bloom's taxonomy is used to define POs and PSOs at several levels, ranging from Lower Order Thinking Skills (LOTS) to Higher Order Thinking Skills (HOTS). Similarly, predetermined Course Outcomes specify what learners should know and be able to accomplish by the end of each course. These have to do with the abilities, comprehension, and conduct that students have by the end of the course.





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When course results require the PSOs for the successful actualization of outcomes, then attainment is evident. In order to do this, the COs of each programme course are to be mapped with POs & PSOs, which is still in the process of construction.

The college used two assessment methods to meet the attainment of POs and PSOs.

List of Assessment Tools

All (Direct + Indirect) CO Assessment Tools = PO

Direct Assessment Tools Sample CO Assessment Tools -

- Mid Term Test/Sessional
- **End Term Test**
- Quiz
- Assignment
- Practical/ Lab work
- Industrial Visit, Workshop
- Other Task/Activity
- **End Semester Exam**
- Oral









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- Course Exit Survey
- External Feedback (External Examiner/Trainer, Campus Placement Technical Expert)
 - 1. Direct Assessment methods
 - 2. Indirect Assessment methods

Direct Tools : (Measurable in terms of marks and w.r.t. CO)

Assessment done by faculty at Institute level. The obvious direct means to ascertain the attainment of course outcomes are the assessment techniques, both formative and summative. Course outcomes are directly related to direct assessment methods such as Continuous Comprehensive Evaluation (Formative assessments), which are part of internal assessments and are completed through quizzes, assignments, projects, midterm exams, student seminars, poster presentations, and more. These methods account for thirty marks, and semester end exams account for seventy marks. The effectiveness of these tools hinges on creating an assessment question paper, project topic, or term paper prompt that evaluates students' application skills in addition to their conceptual understanding of the material and their analytical and critical thinking abilities.

Therefore, consideration goes into creating test questions that assess application, analytical, synthesis, and evaluation skills.









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Indirect Tools: (Nonmeasurable in terms ofmarks andw.r.t.CO)

Assessment done at University level. The assessment automatically gauges the achievement of the course and programme outcomes when the questions are constructed in this way. Thus, an assessment of the achievement of PSOs and COs results from a mapping of course outcomes and formative and summative exam papers.

The pass percentage of students, for the academic year 2022–2023, is often used to calculate the COs. This represents the mean performance across all courses. The course feedback forms are also used for the indirect assessment of COs.











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Assessment Pattern

CIA- Continuous Internal Assessment (30 Marks)

| Assessment Parameters | Assessment Tools | Mar ks | Percentage (%) | Bloom's Taxonomy Category | Bloom's Taxonomy Level LOT/ HOT |
|--------------------------|--|----------|----------------|-----------------------------------|---------------------------------|
| Assignment 1 | Assignment consisting of minimum 5 Questions | 10 | 20 | Remember, Understand, Apply | LOT |
| Assignment 2 | Assignment consisting of minimum 2 Questions | 10 | 20 | Analyze, Evaluate, Create | НОТ |
| | Teacher Assess | sment/ (| Class Parti | cipation | |
| Teacher Assessment 1 | Quiz, Case Studies, Presentations, Group Discussion, Lab work, Project or any other activity | 10 | 20 | Remember, Understand, Apply | LOT |





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| Teacher | Quiz, | 10 | 20 | Analyze, | НОТ | |
|--------------|--------------------------|----|----|-----------|-----|--|
| Assessment 2 | Case Studies, | | | Evaluate, | | |
| | Presentations, | | | Create | | |
| | Group Discussion, | | | | | |
| | Lab work, | | | | | |
| | Project or any | | | | | |
| | other activity | | | | | |

End Semester Examination (70 Marks)

| Bloom's Taxonomy | Question Paper | Percentage (%) | Bloom's Taxonomy |
|------------------------------|----------------|----------------|------------------|
| Category | Section | | Level LOT/HOT |
| Remember | A | 30 | LOT |
| Understand | A | | |
| Apply | В | 40 | HOT/LOT |
| Analyze | В | | |
| Evaluate & Create | С | 30 | НОТ |





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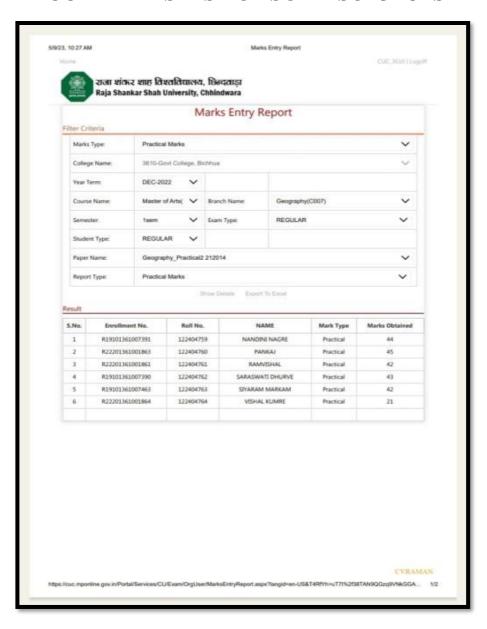
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CCE MARKS LIST OF SOME SUBJECTS

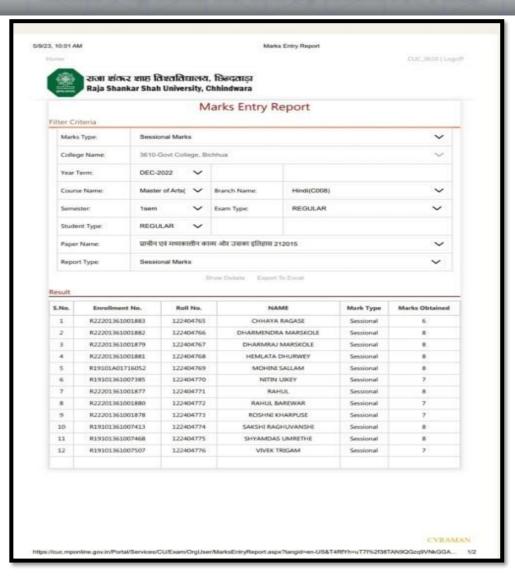








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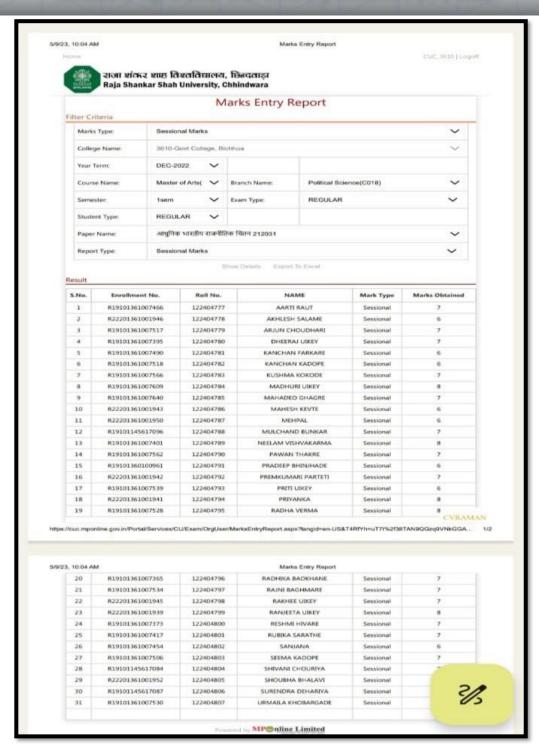






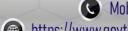


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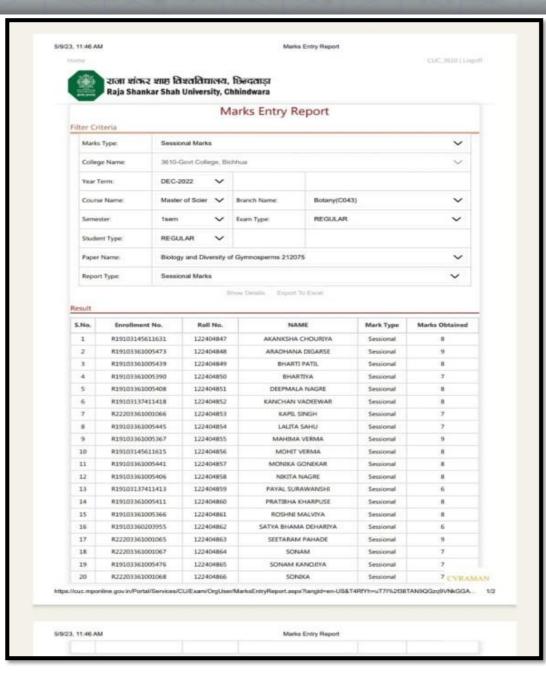
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CO & PO Attainment Calculation

| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| CO1 | 1 | | | | 3 | | | | | | | |
| CO2 | | | 2 | | 3 | | | | | | | |
| CO3 | | 2 | 2 | | | | | | | | | |
| CO4 | | | | | 3 | | | | | | | 1 |

(Level of Correlation: 3-High, 2-Medium, 1-Low)

Develop list of Assessment Tool for each course outcomes sample mapping of assessment tools & course outcomes

| Course Outcome | Assessment Tool |
|----------------|---|
| CO1 | Final exam, Assignment, quiz, midterm, test, Lab assignment, Lab quiz, lab performance |
| CO2 | Final exam, Assignment, quiz, midterm, test, Lab assignment, Lab quiz, lab performance |
| CO3 | Final exam, Assignment, test, quiz, midterm, Lab assignment, lab end exam, Lab quiz, lab performance, end sem practical |





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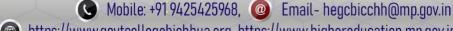
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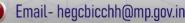
Final exam, Assignment, test, quiz, midterm, Lab assignment, lab end exam, Lab quiz, lab performance, end sem practical

PO attainment Formula = [Deg of Correlation of mapped PO -CO * Avg. Deg of Correlation of mapped CO] / [Deg of Correlation of mapped PO -CO]











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Define threshold value for Attainment:

Attainments of CO's are calculated by using university examination results. Attainment levels are finalized at college level and conveyed to IQAC through Internal Examination Committee. The attainment level of each CO is computed by setting weights as follows:

Weight Benchmark

- 1. Number of students securing below 35%
- 2. Number of students securing above 36 to 45 %
- 3. Number of students securing above 46 to 60 %
- 4. Number of students securing 61% and above %

The averages attainment of COs of each course is mapped to POs & PSOs.

Overall Attainment (ESE & CIA) of course

Total % attainment of course 72.87





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Attainment Assessed through PLACEMENT



I would like to inform you that job campus was organized by you on **26 February 2021**, 40 candidates were selected in that campus drive for different- different company. Out of which offer letter has been given to the below mention candidates for "Aveera Infosya Pvt. Ltd".

| Candidate Name | Contact no | DOB | Father's Name | Company | Qualification | Remark |
|-------------------|------------|----------|--------------------|--------------------------|---------------|--------------------|
| | | | | | | Offer Letter |
| Bhagwant Rao | 8966865412 | 19-02-02 | Shyam Rao | Aveera Infosya Pvt. Ltd. | UG | Issued |
| | | | | | | Not Interested for |
| Nitin uikey | 6260932723 | 25-06-02 | Maniram uikey | Aveera Infosya Pvt. Ltd. | UG | Job |
| | | | | | | Not Interested for |
| Sandeep Sahu | 7697416100 | 02-04-98 | Vinod Sahu | Aveera Infosya Pvt. Ltd. | PG | Job |
| | | | | | | Not Interested for |
| Ramraj Yadav | 9009534051 | 25-06-97 | Sevakram Yadav | Aveera Infosya Pvt. Ltd. | UG | Job |
| | | | | | | Not Interested for |
| Yogesh Chourasiya | 7869504261 | 15-08-01 | Santosh chourasiya | Aveera Infosya Pvt. Ltd. | Graduation | Job |
| | | | | | | Offer Letter |
| Vijay farkare | 9399195903 | 09-09-00 | Jogiram farkare | Aveera Infosya Pvt. Ltd. | Graduation | Issued |
| | | | | | | Not Interested for |
| Ravindra Sillu | 9111156741 | 18-03-01 | Shyaji Sillu | Aveera Infosya Pvt. Ltd. | 12th | Job |
| | | | | | | Offer Letter |
| Yogesh Sahu | 6268563307 | 21-01-01 | Hariram Sahu | Aveera Infosya Pvt. Ltd. | UG | Issued |

The remaining candidates are in the joining process which is completed in the next 10 days.



शासकीय महाविद्यालय बिछुआ जिला- छिंदवाड़ा (म०प्र०)

बिछुआ कॉलेज के छह विद्यार्थियों को मिली नौकरी

बिछुआ। शासकीय महाविद्यालय विछुआ के प्राचार्य डॉ आरपी यादव ने बताया कि छिंदवाडा के पीजी कॉलेज में आयोजित रोजगार मेला में करीब डेढ दर्जन से अधिक विद्यार्थियों ने भाग लिया था। जिस में विद्युजा के 6 विद्यार्थियों को नौकरी मिली है। स्वामी विवेकानंद कॅरियर मार्गदर्शन प्रकोष्ठ प्रभारी मनीप ठाकुर ने बताया की कैंपस प्लेसमेंट डाइव में उत्कर्ष स्माल फाइनेंस वैंक के द्वारा द्रेनी क्रेडिट ऑफिसर के लिए आयोजित लिखित एवं साक्षात्कार परीक्षा में उत्तीर्ण होने पर महाविद्यालय के 6 विद्यार्थियों का चयन किया गया । जिसमें महाविद्यालय के बीए तृतीय वर्ष के घनस्याम चिंचलवार, नरेन्द्र बेलवंशी, बीकॉम तृतीय वर्ष के अरूण वर्मा, बीकॉमद्वितीय वर्ष के मेहपाल उड़के, बीएससी द्वितीय वर्ष के धनपाल सराठे तथा एमए प्रथम सेमेस्टर के विजय भलावी का ट्रेनी क्रेडिट ऑफिसर के पद पर चयन किया गया।

कॉलेज के 6 विद्यार्थियों को मिलीं नौकरी, महाविद्यालय प्रबंधन ने जताया हर्ष

शासकीय महाविद्यालय बिछुआ के विद्यार्थियों का ट्रेनी क्रेडिट ऑफिसर के पद पर चयन

बिछुआ,तामी समन्वय, 16 फरवरी
2021, (नि.प्र.)। शासकीय
महाविद्यालय बिछुआ के प्राचार्य छाँ
आरपी यादव ने प्रेस विज्ञाप्त जारी करते
हुए बताया कि बीती 6 फरवरी को
छिंदवाड़ा के पीजी कॉलेज में आयोजित
रोजगार मेला में करीब डेढ़ दर्जन से
अधिक विद्यार्थियों ने भाग लिया था।
जिसमें 6 विद्यार्थियों को नौकरी मिली है।
स्वामी विवेकानंद कैरियर मार्गदर्शन
प्रकोष्ठ प्रभारी मनीष ठाकुर ने बताया की



कैम्पस प्लेसमेंट ड्राइव में उत्कर्ष स्माल फाइनेंस बैंक के द्वारा ट्रेनी क्रेडिट ऑफिसर के लिए आयोजित लिखित एवं साक्षात्कार परीक्षा में उत्तीर्ण होने पर महाविद्यालय के 6 विद्यार्थियों का चयन किया गया । जिसमें महाविद्यालय के बीए



तृतीय वर्ष के घनश्याम चिंचलवार, नरेन्द्र बेलवंशी, बीकॉम तृतीय वर्ष के अरूण वर्मा, बीकॉम द्वितीय वर्ष के मेहपाल उड़के, बीएससी द्वितीय वर्ष के धनपाल सराठे तथा एमए प्रथम सेमेस्टर के विजय भलावी का ट्रेनी क्रेडिट ऑफिसर के पद पर चयन किया गया। सभी चयनित विद्यार्थियों को महाविद्यालय के प्राचार्य डॉ आरपी यादव, आईक्यूएसी संयोजक डॉ पूजा तिवारी, डॉ साक्षी सहारे, अजीत सिंह गौतम सहित स्वामी विवेकानंद कैरियर मार्गदर्शन प्रकोष्ठ के पदाधिकारियों ने बधाई प्रेषित की। बता दें कि महाविद्यालय के स्वामी विवेकानंद कैरियर मार्गदर्शन प्रकोष्ठ के द्वारा समय-समय बेवीनार व छात्रहित में विभिन्न कार्यक्रम आयोजित किए जाते हैं।

पी.जी. कालेज छिन्दवाड़ा में आयोजित रोजगार मेले में महाविद्यालय के 6 विद्यार्थी नौकरी के लिए चयनित दिनांक 06.02.2021