



**Shobhit  
University**

EDUCATION EMPOWERS

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## **COURSE FILE**

**Teacher, Teaching and Technology (E-104)**

**B.Ed. FIRST YEAR**

**Section A**

**Faculty Name: Balram Tonk**



**SCHOOL OF EDUCATION**

**Shobhit University, Gangoh**

(Established u/s 2(f) of UGC Act, 1956, Notified by Govet. Of UP)

**Saharanpur**





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**CO Mapping with PO's and PSO's**  
**Academic Session 2023-24 (Section-A)**  
**Course Name- Teacher, Teaching and Technology**  
**Course Code-E-104**

|         | PO<br>1 | PO<br>2 | PO<br>3 | PO<br>4 | PO<br>5 | PO<br>6 | PO<br>7 | PO<br>8 | PO<br>9 | PO1<br>0 | PO1<br>1 | PO1<br>2 | PSO<br>1 | PSO<br>2 | PSO<br>3 | PSO<br>4 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|
| CO1     | 2       | 2       | 2       | 2       | 3       | 2       | 1       | 2       | 2       | 2        | 2        | 3        | 3        | 2        | 3        | 2        |
| CO2     | 3       | 2       | 2       | 2       | 3       | 2       | 1       | 2       | 2       | 2        | 2        | 2        | 2        | 3        | 1        | 2        |
| CO3     | 2       | 2       | 2       | 2       | 2       | 3       | 2       | 3       | 2       | 2        | 1        | 2        | 3        | 3        | 3        | 3        |
| CO4     | 3       | 3       | 3       | 2       | 2       | 3       | 2       | 3       | 2       | 2        | 2        | 3        | 3        | 2        | 2        | 3        |
| CO5     | 3       | 3       | 3       | 3       | 3       | 3       | 3       | 3       | 3       | 3        | 2        | 3        | 3        | 3        | 2        | 3        |
| Average | 2.6     | 2.4     | 2.4     | 2.2     | 2.6     | 2.6     | 1.8     | 2.6     | 2.2     | 2.2      | 1.8      | 2.6      | 2.8      | 2.6      | 2.2      | 2.6      |





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**CO-PO Attainment of Academic Session 2023-24 (Section-A)**

**Course Name- Teacher, Teaching and Technology**

**Course Code-E-104**

| CO Attainment Calculations                                         |                         |      |      |                          |                                                                            |
|--------------------------------------------------------------------|-------------------------|------|------|--------------------------|----------------------------------------------------------------------------|
|                                                                    | DirectAssessment1 (CIA) |      |      | Direct Assessment2 (ESE) | Indirect Assessment Students/ Faculty/Employer Course Exit Survey/Feedback |
|                                                                    | CIA1                    | CIA2 |      | (ESE)                    |                                                                            |
| Number of students who have scored more than target(P)             | 41                      | 38   |      | 50                       | 50                                                                         |
| Percentage of students who have achieved the target<br>= (P/N)*100 | 82                      | 76   |      | 100                      | 100                                                                        |
| Attainment Level<br>(3for>80%,2for>70%,1 For>60%)                  | a=3                     | b=2  |      | c=3                      | d=3                                                                        |
| Attainment based on internal assessment (CIA)=Average of(a and b)  |                         | CIA  | 2.5  |                          |                                                                            |
| Direct CO Attainment Level(DA)=40% CIA+60% End-Term(C);            |                         | DA   | 2.8  |                          | = 0.4*2.5+0.6*3                                                            |
| Indirect CO Attainment Level(IA) (based on Exit Survey (d));       |                         | IA   | 3    |                          |                                                                            |
| 80 %of DA                                                          |                         |      | 2.24 |                          |                                                                            |
| 20 % IA                                                            |                         |      | 0.6  |                          |                                                                            |
| CO Attainment Level (COA)=80%DA+20%IA;                             |                         |      | 2.84 |                          |                                                                            |







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**CO Mapping with PO's and PSO's**  
**Academic Session 2023-24 (Section-A)**  
**Course Name- Teacher, Teaching and Technology**  
**Course Code-E-104**

Based on the Course Objectives Attainment (COA) value as calculated at the end, perform the PO/PSO Attainment Calculations as given following table:

|         | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 | PSO 3 | PSO 4 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| CO1     | 2    | 2    | 2    | 2    | 3    | 2    | 1    | 2    | 2    | 2    | 2    | 3    | 3     | 2     | 3     | 2     |
| CO2     | 3    | 2    | 2    | 2    | 3    | 2    | 1    | 2    | 2    | 2    | 2    | 2    | 2     | 3     | 1     | 2     |
| CO3     | 2    | 2    | 2    | 2    | 2    | 3    | 2    | 3    | 2    | 2    | 1    | 2    | 3     | 3     | 3     | 3     |
| CO4     | 3    | 3    | 3    | 2    | 2    | 3    | 2    | 3    | 2    | 2    | 2    | 3    | 3     | 2     | 2     | 3     |
| CO5     | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 3    | 2    | 3    | 3     | 3     | 2     | 3     |
| Average | 2.6  | 2.4  | 2.4  | 2.2  | 2.6  | 2.6  | 1.8  | 2.6  | 2.2  | 2.2  | 1.8  | 2.6  | 2.8   | 2.6   | 2.2   | 2.6   |

|                          | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 | PSO 1 | PSO 2 | PSO 3 | PSO 4 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| Average Mapping(M)       | 2.6  | 2.4  | 2.4  | 2.2  | 2.6  | 2.6  | 1.8  | 2.6  | 2.2  | 2.2  | 1.8  | 2.6  | 2.8   | 2.6   | 2.2   | 2.6   |
| PO/PSO Attainment Level* | 2.46 | 2.27 | 2.27 | 2.08 | 2.46 | 2.46 | 1.70 | 2.46 | 2.08 | 2.08 | 1.70 | 2.46 | 2.65  | 2.46  | 2.08  | 2.46  |

\*=COA×M/3





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### **Plan of action to improve co attainment next time**

#### **Action taken to improve CO attainment**

1. Frame higher targets or attainment levels for next academic year.
2. More interactive sessions will be planned for CTET/ UPTET/TGT.
3. Assignments and quiz will be given and they will be expected to study the real-world problems and give presentation about their ideas to solve them.

