

Rayat Shikshan Sanstha's  
Rajarshi Chaatrapati Shahu college, Kolhapur

**B.Sc Computer Science Entire (BCS)**

**Calculation for Program Outcome Attainment for the Year 2021-22 (BCS III)**

**Attainment of course outcome**

| Semester (Theory) | Course Code/ paper name | Course Title               | % of students above 60% University marks | Level of Attainment | 80% of Attainment Level in end term exam (I) | % of students above 60% internal marks | Level of attainment | 20% of Attainment Level in internal exam (II) | Attainment of Course (I+II) | Program outcome Level | Target Attainment |
|-------------------|-------------------------|----------------------------|------------------------------------------|---------------------|----------------------------------------------|----------------------------------------|---------------------|-----------------------------------------------|-----------------------------|-----------------------|-------------------|
| Semester V        | IX                      | Core Java                  | 100.00                                   | 3                   | 2.40                                         | 100.00                                 | 3                   | 0.60                                          | 3.00                        | Level 1               | 0.5 > 1.0         |
|                   | X                       | C# Programming             | 100.00                                   | 3                   | 2.40                                         | 100.00                                 | 3                   | 0.60                                          | 3.00                        | Level 2               | 1.0 > 1.5         |
|                   | XI                      | Software Engineering       | 100.00                                   | 3                   | 2.40                                         | 100.00                                 | 3                   | 0.60                                          | 3.00                        | Level 3               | 1.5 > 2.0         |
|                   | XII                     | Data Communication         | 100.00                                   | 3                   | 2.40                                         | 100.00                                 | 3                   | 0.60                                          | 3.00                        | Level 4               | 2.0 > 2.5         |
| Semester VI       | XIII                    | Advanced Java              | 100.00                                   | 3                   | 2.40                                         | 100.00                                 | 3                   | 0.60                                          | 3.00                        | Level 5               | 2.5 > 3.0         |
|                   | XIV                     | ASP.NET                    | 100.00                                   | 3                   | 2.40                                         | 100.00                                 | 3                   | 0.60                                          | 3.00                        |                       |                   |
|                   | XV                      | Software Project Managemet | 100.00                                   | 3                   | 2.40                                         | 100.00                                 | 3                   | 0.60                                          | 3.00                        |                       |                   |
|                   | XVI                     | Computer Network           | 100.00                                   | 3                   | 2.40                                         | 100.00                                 | 3                   | 0.60                                          | 3.00                        |                       |                   |
|                   | Practical               |                            | 100.00                                   | 3                   | 2.40                                         | 100.00                                 | 3                   | 0.60                                          | 3.00                        |                       |                   |
|                   |                         |                            |                                          | Total               | 21.60                                        |                                        | Total               | 5.40                                          | 27.00                       |                       |                   |
|                   |                         |                            |                                          | Average             | 2.40                                         |                                        | Average             | 0.60                                          | 3.00                        |                       |                   |

| For University Exam         |                                                       |                                 |                                   |                       |                         | For Internal Exam |                                                        |  |  |  |  |
|-----------------------------|-------------------------------------------------------|---------------------------------|-----------------------------------|-----------------------|-------------------------|-------------------|--------------------------------------------------------|--|--|--|--|
| Level 1                     | below 45 %of students scoring more than average marks |                                 |                                   |                       |                         | Level 1           | below 60 % of students scoring more than average marks |  |  |  |  |
| Level 2                     | 45-60 % of students scoring more than average marks   |                                 |                                   |                       |                         | Level 2           | 60-80 % of students scoring more than average marks    |  |  |  |  |
| Level 3                     | above 60% of students scoring more than average marks |                                 |                                   |                       |                         | Level 3           | above 80% of students scoring more than average marks  |  |  |  |  |
| Attainment by Direct method |                                                       |                                 |                                   |                       |                         |                   |                                                        |  |  |  |  |
| Average Attainment          | Average Attainment by indirect Method                 | 80% of Average of direct method | 20% of Average of indirect method | Average PO Attainment | Target Attainment level |                   |                                                        |  |  |  |  |
| 3.00                        | 3                                                     | 2.40                            | 0.60                              | 3.00                  | Level 5                 |                   |                                                        |  |  |  |  |

**Head**  
Department of Computer Science  
Rajarshi Chh. Shahu College, Kolhapur



**Principal,**  
Rajarshi Chh. Shahu College  
Kolhapur.

RAYAT SHIKASHAN SANSTHAS  
RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR  
ACADEMIC YEAR 2021-22

B.Sc. Computer Science Entire (BCS) Sem-V

|                                               |          |                             |                   | University                                |     |     |     |       |       | Internal       |     |     |     |       |        |
|-----------------------------------------------|----------|-----------------------------|-------------------|-------------------------------------------|-----|-----|-----|-------|-------|----------------|-----|-----|-----|-------|--------|
| Seat No.                                      | Roll No. | NAME OF THE STUDENT         | MOBILE NO.        | IX                                        | X   | XI  | XII | Total | %     | IX             | X   | XI  | XII | Total | %      |
| 2029                                          | 1        | Akhade Navnath Popat        | 9767381292        | 27                                        | 32  | 29  | 37  | 125   | 78.13 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 2030                                          | 2        | Bargir Shirin Shamshuddin   | 9156197509        | 29                                        | 34  | 35  | 37  | 135   | 84.38 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 2031                                          | 3        | Devtar Balaji Prakash       | 7038575658        | 30                                        | 27  | 34  | 38  | 129   | 80.63 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 2036                                          | 4        | Patankar Saad Ibrahim       | 7498001677        | 30                                        | 32  | 38  | 34  | 134   | 83.75 | 10             | 10  | 9   | 10  | 39    | 97.50  |
| 2035                                          | 5        | Mahalungekar Aniket Prakash | 9370050574        | 29                                        | 32  | 37  | 37  | 135   | 84.38 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 3034                                          | 6        | Latkar Bandesh Kumar        | 9158824875        | 34                                        | 38  | 37  | 37  | 146   | 91.25 | 9              | 9   | 9   | 9   | 36    | 90.00  |
| 2033                                          | 7        | Khamkar Prajakta Rajaram    | 7385038737        | 32                                        | 34  | 37  | 37  | 140   | 87.50 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 2032                                          | 8        | Jadhav Rajashri Hiralal     | 8484934311        | 24                                        | 27  | 35  | 34  | 120   | 75.00 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 2045                                          | 9        | Zambare Akshay Raju         | 7397973794        | 27                                        | 32  | 30  | 37  | 126   | 78.75 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 2044                                          | 10       | Yamgekar Dipali Sanjay      | 9604222167        | 30                                        | 34  | 37  | 37  | 138   | 86.25 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 2043                                          | 11       | Thite Dhiraj Dada           | 9975671732        | 26                                        | 30  | 29  | 37  | 122   | 76.25 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 2041                                          | 12       | Shinde Shivam Nagnath       | 9922118532        | 34                                        | 37  | 37  | 38  | 146   | 91.25 | 9              | 9   | 10  | 9   | 37    | 92.50  |
| 2042                                          | 13       | Sutar Omkar Kundal          | 9158041165        | 32                                        | 30  | 38  | 34  | 134   | 83.75 | 10             | 10  | 10  | 10  | 40    | 100.00 |
| 2040                                          | 14       | Sawant Suyash Sandip        | 7620126475        | 29                                        | 27  | 35  | 38  | 129   | 80.63 | 9              | 9   | 9   | 9   | 36    | 90.00  |
| 2039                                          | 15       | Sawant Omkar Prabhakar      | 8329244447        | 19                                        | 34  | 21  | 34  | 108   | 67.50 | 9              | 9   | 9   | 9   | 36    | 90.00  |
| 2037                                          | 16       | Patil Atharv Vasant         | 9503554182        | 27                                        | 30  | 35  | 38  | 130   | 81.25 | 9              | 9   | 9   | 9   | 36    | 90.00  |
| 2038                                          | 17       | Patil Nilesh Suresh         | 9112293912        | 30                                        | 29  | 37  | 37  | 133   | 83.13 | 9              | 9   | 7   | 9   | 34    | 85.00  |
| Apperaed stduents(N)                          |          |                             |                   | 17                                        |     | 17  |     | 17    |       | 17             |     | 17  |     | 17    |        |
| marks obtained outoff 40<br>(University Exam) |          |                             | % of marks(level) | No.of students in each paper              |     |     |     |       |       | No.of students |     |     |     |       |        |
| >=24 marks(level 3)                           |          |                             | >=60%             | 17                                        | 17  | 17  | 17  | >=80  | >8    | 17             | 17  | 17  | 17  |       |        |
|                                               |          |                             |                   | % of students calculation in three levels |     |     |     |       |       |                |     |     |     |       |        |
| >=24 marks                                    |          |                             | >60%              | 100                                       | 100 | 100 | 100 | >=80% |       | 100            | 100 | 100 | 100 |       |        |

*Jithaibh*  
**Head**  
Department of Computer Science  
Rajarshi Chh. Shahu College, Kolhapur



*Principal*  
**Principal,**  
Rajarshi Chh. Shahu College  
Kolhapur.



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ACADEMIC YEAR 2021-22

**B.Sc. Computer Science Entire (BCS) Sem-VI**

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|                                              |                   |                                           |     |     |     |      |     |                |     |     |     |
|----------------------------------------------|-------------------|-------------------------------------------|-----|-----|-----|------|-----|----------------|-----|-----|-----|
| Appeared students(N)                         | 17                | 17                                        | 17  | 17  | 17  |      |     | 17             | 17  | 17  | 17  |
| marks obtained outoff<br>40(University Exam) | % of marks(level) | No.of students in each paper              |     |     |     |      |     | No.of students |     |     |     |
| >=24 marks(level 3)                          | >=60%             | 17                                        | 17  | 17  | 17  | >80% | >=8 | 17             | 17  | 17  | 17  |
|                                              |                   | % of students calculation in three levels |     |     |     |      |     |                |     |     |     |
| >=24 marks                                   | >=60%             | 100                                       | 100 | 100 | 100 | >80% | >=8 | 100            | 100 | 100 | 100 |

~~Pradip~~  
Head  
Department of Computer Science  
Rajarshi Chh. Shahu College, Kolhapur



Principal  
Rajarshi Chh. Shahu College  
Kolhapur.

**RAYAT SHIKASHAN SANSTHAS**  
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**ACADEMIC YEAR 2021-22**

**Attainment Data for Indirect Mehod**

| Seat No. | Roll No.                                                     | NAME OF THE STUDENT         | MOBILE NO. | Placement (Y/N)  | Own business (Y/N) | UG to PG progression (Y/N) |
|----------|--------------------------------------------------------------|-----------------------------|------------|------------------|--------------------|----------------------------|
| 1977     | 1                                                            | Akhade Navnath Popat        | 8805167714 | N                | N                  | N                          |
| 1987     | 2                                                            | Bargir Shirin Shamshuddin   | 9665138685 | N                | Y                  | N                          |
| 1979     | 3                                                            | Devtar Balaji Prakash       | 9673050131 | Y                | N                  | N                          |
| 1984     | 4                                                            | Patankar Saad Ibrahim       | 9075318906 | N                | N                  | N                          |
| 1983     | 5                                                            | Mahalungekar Aniket Prakash | 9923710150 | Y                | N                  | N                          |
| 1982     | 6                                                            | Latkar Bandesh Kumar        | 9503297988 | Y                | N                  | N                          |
| 1981     | 7                                                            | Kharankar Prajakta Rajaram  | 9552429158 | N                | N                  | Y                          |
| 1980     | 8                                                            | Jadhav Rajashri Hiralal     | 7768929719 | N                | N                  | Y                          |
| 1993     | 9                                                            | Zambare Akshay Raju         | 7770040050 | N                | N                  | N                          |
| 1992     | 10                                                           | Yamgekar Dipali Sanjay      | 9595498540 | N                | N                  | Y                          |
| 1991     | 11                                                           | Thite Dhiraj Dada           | 8554906424 | N                | Y                  | Y                          |
| 1989     | 12                                                           | Shinde Shivam Nagnath       | 8421440814 | N                | N                  | N                          |
| 1990     | 13                                                           | Sutar Omkar Kundal          | 8237132810 | N                | N                  | N                          |
| 1988     | 14                                                           | Sawant Suyash Sandip        | 9970162223 | N                | N                  | Y                          |
| 1987     | 15                                                           | Sawant Omkar Prabhakar      | 7767860716 | N                | N                  | N                          |
| 1985     | 16                                                           | Patil Atharv Vasant         | 7057185564 | N                | N                  | N                          |
| 1986     | 17                                                           | Patil Nilesh Suresh         | 7385081242 | N                | Y                  | N                          |
|          |                                                              |                             | Total      | 3                | 3                  | 4                          |
| Level 1  | below 45 % of students Placement/Own business/PG Progression |                             |            | Grand Total      | 10                 |                            |
| Level 2  | 45-60 % of students Placement/Own business/PG Progression    |                             |            | % students       | 59%                |                            |
| Level 3  | above 60% of students Placement/Own business/PG Progression  |                             |            | Attainment Level | Level 2            |                            |

*[Signature]*  
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 Department of Computer Science  
 Rajarshi Chh. Shahu College, Kolhapur



*[Signature]*  
**Principal,**  
 Rajarshi Chh. Shahu College  
 Kolhapur.

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