



## TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following is the final attainment of Program Outcomes of  
B.Sc Computer Science 2021-2024 batch.

### PROGRAM OUTCOME - ATTAINMENT

| COURSE CODE / PO'S                      | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | LINK                 |
|-----------------------------------------|------|------|------|------|------|------|----------------------|
| ENG 1A01 TRANSACTIONS                   | 1.50 | 2.80 | 1.30 | 1.50 | 2.50 | 1.70 | <a href="#">VIEW</a> |
| ENG1A02N WWW                            | 1.50 | 2.80 | 1.3  | 1.7  | 3.0  | 1.7  | <a href="#">VIEW</a> |
| A07(3) LANGUAGE                         | 1.50 | 2.80 | 1.30 | 1.70 | 3.00 | 1.70 | <a href="#">VIEW</a> |
| BCS1B01 COMPUTER<br>FUNDAMENTALS & HTML | 2.30 | 3.00 | 1.3  | 2.3  | 1.3  | 2.3  | <a href="#">VIEW</a> |
| ELE1C01 ELECTRONIC DEVICE               | 2.60 | 2.60 | 2.0  | 1.0  | 2.8  | 1.6  | <a href="#">VIEW</a> |
| MTS1C01 MATHEMATICS                     | 3.00 | 3.00 | 2.4  | 1.0  | 3.0  | 1.4  | <a href="#">VIEW</a> |
| ENG2A03 WRITING FOR ACADEMIC            | 3.00 | 2.80 | 1.30 | 1.50 | 1.50 | 1.80 | <a href="#">VIEW</a> |
| ENG2A04 ZEITGEIST                       | 1.50 | 2.80 | 1.30 | 1.70 | 3.00 | 1.70 | <a href="#">VIEW</a> |
| A08 LANGUAGE                            | 1.50 | 2.80 | 1.30 | 1.70 | 3.00 | 1.70 | <a href="#">VIEW</a> |
| BCS2B02 PROBLEM SOLVING USING<br>C      | 3.00 | 2.80 | 2.00 | 2.30 | 2.50 | 2.30 | <a href="#">VIEW</a> |

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|                                                   |      |      |      |      |      |      |                      |
|---------------------------------------------------|------|------|------|------|------|------|----------------------|
| BCS2B03 PROGRAMMING LAB                           | 2.80 | 2.80 | 1.30 | 2.50 | 2.30 | 2.50 | <a href="#">VIEW</a> |
| ELE2C02 ELECTRONIC CIRCUITS                       | 3.0  | 3.0  | 2.4  | 2    | 3    | 1.4  | <a href="#">VIEW</a> |
| ELE2C03 ELECTRONIC DEVICES AND CIRCUIT LAB        | 3.00 | 3.00 | 2.00 | 2.00 | 3.00 | 2.00 | <a href="#">VIEW</a> |
| MTS 2C02 MATHEMATICS                              | 3.00 | 2.20 | 3.00 | 2.00 | 3.00 | 2.00 | <a href="#">VIEW</a> |
| A11 PYTHON PGM                                    | 2.80 | 2.40 | 3.00 | 2.00 | 1.20 | 2.80 | <a href="#">VIEW</a> |
| A12 SENSORS AND TRANSDUCERS.                      | 3.00 | 3.00 | 3.00 | 2.20 | 1.00 | 2.00 | <a href="#">VIEW</a> |
| BCS3B04 DATA STRUCTURES USING C                   | 3.00 | 3.00 | 2.60 | 2.20 | 3.00 | 2.20 | <a href="#">VIEW</a> |
| ELE3C04 DIGITAL ELECTRONICS                       | 2.30 | 3.00 | 1.30 | 2.30 | 1.30 | 2.30 | <a href="#">VIEW</a> |
| MTS3C03 MATHEMATICS 3.                            | 2.30 | 3.00 | 1.30 | 2.30 | 1.30 | 2.30 | <a href="#">VIEW</a> |
| A13 DATA COMMUNICATION & OPTICAL FIBERS           | 2.60 | 2.20 | 2.60 | 1.80 | 1.00 | 1.40 | <a href="#">VIEW</a> |
| A14 MICROPROCESSORS ARCHITECTURE AND PROGRAMMING  | 3.0  | 2.3  | 3.0  | 2.5  | 1.3  | 2.3  | <a href="#">VIEW</a> |
| BCS4B05 DATABASE MANAGEMENT SYSTEM & RDBMS.       | 3.00 | 3.00 | 2.60 | 2.00 | 3.00 | 2.20 | <a href="#">VIEW</a> |
| BCS4B06 PROGRAMMING LAB DATA STRUCTURES AND RDBMS | 2.30 | 3.00 | 1.30 | 2.30 | 1.30 | 2.30 | <a href="#">VIEW</a> |
| ELE 4C05 COMMUNICATION ELECTRONICS                | 2.30 | 3.00 | 1.30 | 2.30 | 1.30 | 2.30 | <a href="#">VIEW</a> |

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|                                                     |             |             |             |             |             |             |                      |
|-----------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|
| ELE 4C06 DIGITAL AND COMMUNICATION ELECTRONICS LAB  | 2.30        | 3.00        | 1.30        | 2.30        | 1.30        | 2.30        | <a href="#">VIEW</a> |
| MTS4C04 MATHEMATICS 4                               | 1.40        | 1.80        | 0.80        | 1.40        | 0.80        | 1.40        | <a href="#">VIEW</a> |
| BCS5B07COMPUTER ORGANIZATION & ARCHITECTURE         | 2.80        | 2.40        | 3.00        | 2.00        | 1.20        | 2.80        | <a href="#">VIEW</a> |
| BCS5B08JAVA PROGRAMMING                             | 2.2         | 2.2         | 2.8         | 2.4         | 1.8         | 3.0         | <a href="#">VIEW</a> |
| BCS5B10 PRINCIPLES OF SOFTWARE ENGINEERING          | 2.30        | 3.00        | 1.30        | 2.30        | 1.30        | 2.30        | <a href="#">VIEW</a> |
| BCS5B09WEB PROGRAMMING USING PHP                    | 3.00        | 3.00        | 2.60        | 2.20        | 3.00        | 2.20        | <a href="#">VIEW</a> |
| TTM5D01 TOURISM & HOSPITALITY MGT                   | 2.30        | 3.00        | 1.30        | 2.30        | 1.30        | 2.30        | <a href="#">VIEW</a> |
| BCS6B11 ANDROID PROGRAMMING                         | 3.00        | 2.80        | 1.30        | 1.50        | 1.50        | 1.80        | <a href="#">VIEW</a> |
| BCSS6B12 OPERATING SYSTEMS                          | 1.50        | 2.80        | 1.30        | 1.70        | 3.00        | 1.70        | <a href="#">VIEW</a> |
| BCS6B13 COMPUTER NETWORKS                           | 2.5         | 2.2         | 2.4         | 1.6         | 2.0         | 2.2         | <a href="#">VIEW</a> |
| BCS6B14 LABORATORY III JAVA AND PHP PROGRAMMING     | 3.00        | 2.80        | 2.00        | 2.30        | 2.50        | 2.30        | <a href="#">VIEW</a> |
| BCS6B15 PROG IV ANDROID AND LINUX SHELL PROG        | 2.80        | 2.80        | 1.30        | 2.50        | 2.30        | 2.50        | <a href="#">VIEW</a> |
| BCS6B16 FUNDAMENTALS OF LIFE SKILL EDUCATION        | 3.00        | 3.00        | 2.40        | 2.00        | 3.00        | 1.40        | <a href="#">VIEW</a> |
| BCS6B17 INDUSTRIAL VISIT & PROJECT WORK OF RESEARCH | 3.00        | 3.00        | 2.00        | 2.00        | 3.00        | 2.00        | <a href="#">VIEW</a> |
| <b>DIRECT</b>                                       | <b>2.51</b> | <b>2.80</b> | <b>1.91</b> | <b>1.98</b> | <b>2.07</b> | <b>2.02</b> |                      |

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|               |      |      |      |      |      |      |  |
|---------------|------|------|------|------|------|------|--|
| INDIRECT      | 2.33 | 2.29 | 2.46 | 2.58 | 2.13 | 2.21 |  |
| DIRECT 80%    | 2.01 | 2.24 | 1.52 | 1.58 | 1.66 | 1.62 |  |
| INDIRECT 20%  | 0.47 | 0.46 | 0.49 | 0.52 | 0.43 | 0.44 |  |
| PO ATTAINMENT | 2.52 | 2.73 | 2.05 | 2.14 | 2.17 | 2.13 |  |

docs.google.com/spreadsheets/d/1b30torg2vKML\_vp2d1b1v3m1fCkV1W0g/edit?gid=1916294736#gid=1916294736

PO ATTAINMENT - 2021 CS .XLSX

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|    | A                                       | B             | C             | D             | E        | F        | G        | H               | I          | J                          |
|----|-----------------------------------------|---------------|---------------|---------------|----------|----------|----------|-----------------|------------|----------------------------|
| 5  | EXIT SURVEY ATTAINMENT                  |               |               |               |          |          |          |                 |            |                            |
| 6  | Program                                 |               |               |               |          |          |          | B.SC CS         |            |                            |
| 7  | No. of exit students feedback obtained: |               |               |               |          |          |          | 43              |            |                            |
| 8  | Batch                                   |               |               |               |          |          |          | 2021-24         |            |                            |
| 9  | Academic year                           |               |               |               |          |          |          | 2022-23         |            |                            |
| 10 | Question No.                            | Respective PO | Excellent (4) | Very good (3) | Good (2) | Fair (1) | Poor (0) | Total weightage | Percentage | Weightage based on 3 scale |
| 11 | 1                                       | 1             | 9             | 5             | 2        | 1        | 1        | 56              | 77.78      | 2.33                       |
| 12 | 2                                       | 2             | 10            | 3             | 2        | 2        | 1        | 55              | 76.39      | 2.29                       |
| 13 | 3                                       | 3             | 10            | 5             | 1        | 2        | 0        | 59              | 81.94      | 2.46                       |
| 14 | 4                                       | 4             | 12            | 2             | 4        | 0        | 0        | 62              | 86.11      | 2.58                       |
| 15 | 5                                       | 5             | 8             | 5             | 1        | 2        | 2        | 51              | 70.83      | 2.13                       |
| 16 | 6                                       | 6             | 5             | 9             | 3        | 0        | 1        | 53              | 73.61      | 2.21                       |
| 17 |                                         |               |               |               |          |          |          |                 |            |                            |

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docs.google.com/spreadsheets/d/1-KWR5vJbFhZvAZNBGlzK8dMRUDB8FXhW/edit?gid=1339774763#gid=1339774



## Student Exit Survey-B.Sc CS 2021 Batch (Responses)

.XLSX



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J4

|    | A                   | B                    | C                    | D                    | E                      | F                       | G                   |
|----|---------------------|----------------------|----------------------|----------------------|------------------------|-------------------------|---------------------|
| 1  | Timestamp           | 1.Are you able to ai | 2.Do you feel prepar | 3.Can you pursue adv | 4.Are you able to inno | 5.Can you apply scienti | 6.Are you able to c |
|    |                     |                      |                      | management, and adv  |                        |                         |                     |
| 2  | 4/12/2024 13:11:27  | Very good (3)        | Excellent (4)        | Very good (3)        | Good (2)               | Very good (3)           | Very good (3)       |
| 3  | 12/04/2024 13:11:27 | Excellent (4)        | Very good (3)        | Excellent (4)        | Excellent (4)          | Excellent (4)           | Excellent (4)       |
| 4  | 4/12/2024 13:11:27  | Excellent (4)        | Excellent (4)        | Excellent (4)        | Very good (3)          | Excellent (4)           | Good (2)            |
| 5  | 12/04/2024 15:40:29 | Excellent (4)        | Very good (3)        | Very good (3)        | Very good (3)          | Good (2)                | Good (2)            |
| 6  | 16/04/2024 06:10:08 | Excellent (4)        | Very good (3)        | Very good (3)        | Excellent (4)          | Very good (3)           | Excellent (4)       |
| 7  | 4/17/2024 10:11:10  | Very good (3)        | Very good (3)        | Very good (3)        | Very good (3)          | Very good (3)           | Good (2)            |
| 8  | 11/04/2024 13:21:50 | Excellent (4)        | Excellent (4)        | Excellent (4)        | Good (2)               | Good (2)                | Good (2)            |
| 9  | 4/19/2024 20:00:47  | Very good (3)        | Very good (3)        | Good (2)             | Good (2)               | Good (2)                | Excellent (4)       |
| 10 | 4/12/2024 10:27:40  | Excellent (4)        | Excellent (4)        | Good (2)             | Good (2)               | Excellent (4)           | Very good (3)       |
| 11 | 4/18/2024 9:00:07   | Excellent (4)        | Good (2)             | Very good (3)        | Excellent (4)          | Excellent (4)           | Excellent (4)       |
| 12 | 4/12/2024 14:24:11  | Very good (3)        | Very good (3)        | Very good (3)        | Very good (3)          | Very good (3)           | Very good (3)       |
| 13 | 4/12/2024 15:08:41  | Very good (3)        | Good (2)             | Excellent (4)        | Very good (3)          | Very good (3)           | Excellent (4)       |
| 14 | 4/12/2024 18:44:37  | Excellent (4)        | Very good (3)        | Good (2)             | Very good (3)          | Very good (3)           | Very good (3)       |
| 15 | 5/15/2024 22:20:11  | Very good (3)        | Excellent (4)        | Excellent (4)        | Excellent (4)          | Excellent (4)           | Excellent (4)       |
| 16 | 16/04/2024 14:44:50 | Very good (3)        | Very good (3)        | Very good (3)        | Good (2)               | Very good (3)           | Very good (3)       |
| 17 | 4/14/2024 21:17:55  | Excellent (4)        | Very good (3)        | Excellent (4)        | Excellent (4)          | Excellent (4)           | Very good (3)       |
| 18 | 4/15/2024 14:06:00  | Very good (3)        | Very good (3)        | Very good (3)        | Good (2)               | Good (2)                | Very good (3)       |
| 19 | 4/14/2024 6:54:05   | Excellent (4)        | Very good (3)        | Very good (3)        | Good (2)               | Good (2)                | Excellent (4)       |
| 20 | 4/15/2024 23:42:10  | Very good (3)        | Good (2)             | Good (2)             | Excellent (4)          | Excellent (4)           | Good (2)            |
| 21 | 4/16/2024 16:30:15  | Excellent (4)        | Excellent (4)        | Excellent (4)        | Excellent (4)          | Good (2)                | Excellent (4)       |
| 22 | 4/12/2024 9:18:20   | Very good (3)        | Good (2)             | Excellent (4)        | Excellent (4)          | Excellent (4)           | Excellent (4)       |
| 23 | 4/14/2024 2:06:25   | Very good (3)        | Good (2)             | Excellent (4)        | Very good (3)          | Very good (3)           | Very good (3)       |
| 24 | 4/12/2024 18:54:30  | Excellent (4)        | Good (2)             | Excellent (4)        | Excellent (4)          | Very good (3)           | Excellent (4)       |
| 25 | 4/12/2024 11:42:35  | Very good (3)        | Good (2)             | Very good (3)        | Excellent (4)          | Very good (3)           | Excellent (4)       |
| 26 | 4/13/2024 4:30:40   | Excellent (4)        | Good (2)             | Excellent (4)        | Excellent (4)          | Excellent (4)           | Excellent (4)       |
| 27 | 4/12/2024 21:18:45  | Very good (3)        | Very good (3)        | Excellent (4)        | Very good (3)          | Very good (3)           | Very good (3)       |
| 28 | 4/12/2024 14:06:50  | Excellent (4)        | Excellent (4)        | Good (2)             | Very good (3)          | Excellent (4)           | Very good (3)       |
| 29 | 4/16/2024 6:54:55   | Very good (3)        | Very good (3)        | Excellent (4)        | Excellent (4)          | Very good (3)           | Excellent (4)       |
| 30 | 4/15/2024 23:43:00  | Very good (3)        | Excellent (4)        | Excellent (4)        | Good (2)               | Excellent (4)           | Very good (3)       |

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*[Handwritten Signature]*





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Chalakydy Pin - 680 311

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