Assessment Plan – Department of Computer Science
BS in Computer Science

| SLO | 2017-2018 | 2018-2019 | 2019-2020 | 2021-2022 | 2022-2023 |
|---|---|---|---|---|---|
| **SLO a:** An ability to apply knowledge of computing and mathematics appropriate to the discipline. | **SLO a:** An ability to apply knowledge of computing and mathematics appropriate to the discipline. | **SLO a:** An ability to apply knowledge of computing and mathematics appropriate to the discipline. | **SLO a:** An ability to apply knowledge of computing and mathematics appropriate to the discipline. | **SLO a:** An ability to apply knowledge of computing and mathematics appropriate to the discipline. | **SLO a:** An ability to apply knowledge of computing and mathematics appropriate to the discipline. |
| **SLO b:** An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution. | **SLO b:** An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution. | **SLO b:** An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution. | **SLO b:** An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution. | **SLO b:** An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution. | **SLO b:** An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution. |
| **SLO c:** An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. | **SLO c:** An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. | **SLO c:** An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. | **SLO c:** An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. | **SLO c:** An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. | **SLO c:** An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. |
| **SLO d:** An ability to function effectively on teams to accomplish a common goal. | **SLO d:** An ability to function effectively on teams to accomplish a common goal. | **SLO d:** An ability to function effectively on teams to accomplish a common goal. | **SLO d:** An ability to function effectively on teams to accomplish a common goal. | **SLO d:** An ability to function effectively on teams to accomplish a common goal. | **SLO d:** An ability to function effectively on teams to accomplish a common goal. |
| **SLO e:** An understanding of professional, ethical, legal, security and social issues and responsibilities. | **SLO e:** An understanding of professional, ethical, legal, security and social issues and responsibilities. | **SLO e:** An understanding of professional, ethical, legal, security and social issues and responsibilities. | **SLO e:** An understanding of professional, ethical, legal, security and social issues and responsibilities. | **SLO e:** An understanding of professional, ethical, legal, security and social issues and responsibilities. | **SLO e:** An understanding of professional, ethical, legal, security and social issues and responsibilities. |
| **SLO f:** An ability to communicate effectively with a range of audiences. | **SLO f:** An ability to communicate effectively with a range of audiences. | **SLO f:** An ability to communicate effectively with a range of audiences. | **SLO f:** An ability to communicate effectively with a range of audiences. | **SLO f:** An ability to communicate effectively with a range of audiences. | **SLO f:** An ability to communicate effectively with a range of audiences. |
| **SLO g:** An ability to analyze the local and global impact of computing on individuals, organizations, and society. | **SLO g:** An ability to analyze the local and global impact of computing on individuals, organizations, and society. | **SLO g:** An ability to analyze the local and global impact of computing on individuals, organizations, and society. | **SLO g:** An ability to analyze the local and global impact of computing on individuals, organizations, and society. | **SLO g:** An ability to analyze the local and global impact of computing on individuals, organizations, and society. | **SLO g:** An ability to analyze the local and global impact of computing on individuals, organizations, and society. |
| **SLO h:** Recognition of the need for and an ability to engage in continuing professional development. | **SLO h:** Recognition of the need for and an ability to engage in continuing professional development. | **SLO h:** Recognition of the need for and an ability to engage in continuing professional development. | **SLO h:** Recognition of the need for and an ability to engage in continuing professional development. | **SLO h:** Recognition of the need for and an ability to engage in continuing professional development. | **SLO h:** Recognition of the need for and an ability to engage in continuing professional development. |
| **SLO i:** An ability to use current techniques, skills, and tools necessary for computing practice. | **SLO i:** An ability to use current techniques, skills, and tools necessary for computing practice. | **SLO i:** An ability to use current techniques, skills, and tools necessary for computing practice. | **SLO i:** An ability to use current techniques, skills, and tools necessary for computing practice. | **SLO i:** An ability to use current techniques, skills, and tools necessary for computing practice. | **SLO i:** An ability to use current techniques, skills, and tools necessary for computing practice. |
| **SLO j:** An ability to apply mathematical foundations, algorithmic principles, and computer science theory in | **SLO j:** An ability to apply mathematical foundations, algorithmic principles, and computer science theory in | **SLO j:** An ability to apply mathematical foundations, algorithmic principles, and computer science theory in | **SLO j:** An ability to apply mathematical foundations, algorithmic principles, and computer science theory in | **SLO j:** An ability to apply mathematical foundations, algorithmic principles, and computer science theory in | **SLO j:** An ability to apply mathematical foundations, algorithmic principles, and computer science theory in |

| SLO | 2017-2018 | 2018-2019 | 2019-2020 | 2021-2022 | 2022-2023 |
|---|---|---|---|---|---|
| the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices. | the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices. | the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices. | the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices. | the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices. | the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices. |
| **SLO k:** An ability to apply design and development principles in the construction of software systems of varying complexity. | **SLO k:** An ability to apply design and development principles in the construction of software systems of varying complexity. | **SLO k:** An ability to apply design and development principles in the construction of software systems of varying complexity. | **SLO k:** An ability to apply design and development principles in the construction of software systems of varying complexity. | **SLO k:** An ability to apply design and development principles in the construction of software systems of varying complexity. | **SLO k:** An ability to apply design and development principles in the construction of software systems of varying complexity. |