

Canara Engineering College
Benjanapadavu, Bantwal Talu Mangaluru

Artificial Intelligence & Machine Learning
Admission Year 2022-2023
Python Programming for Data Science (BDS306B)
Siju V Soman

Course Feedback Report

Total students: 55

Percentage=94.06%

Sl. No.	Feedback Parameters	Scores
1	Is regular and punctual in taking up of classes (Feedback is expected on punctuality of the faculty in taking the classes, whether the faculty comes to class on time and utilises the entire 55 minutes available.)	4.73
2	Demonstrates sound knowledge on the subject (It is expected from the faculty to have a profound knowledge of every topic they teach on each day. The faculty should be able to explain the topics related to the course without any difficulty.)	4.64
3	Provides additional knowledge on the subject beyond syllabus (The faculty need to be updated about the current developments of the course which is being taught. In addition to covering the topics as per course content, The faculty should also to explain the latest developments happening related to the course content but, are beyond the scope of the syllabus.)	4.71
4	Is fair in dealing with students (Here, the unbiased quality of the faculty is evaluated. Faculty are expected to be unbiased in all respects whether awarding attendance, evaluating and awarding marks in CIE, asking questions in class, and support extended to students for more achievements in academic and non-academic activities.)	4.71
5	Creates an atmosphere conducive to learning (Here the faculty is expected to be positive and enthusiastic when teaching. They need to demonstrate that they are not here just for teaching, but as mentor who cares about students. They do not use threats and punishment as means to manage the class.)	4.73
6	Deals effectively with student's behaviour (Here the faculty are assessed about their temperament in dealing with students' behaviour. Faculty need to demonstrate utmost calm and patience to manage different kinds of behaviour by students. They should maintain the dignity of the teaching profession.)	4.71



7	Provides notes that is a good match for the objectives (The faculty are expected to provide the study material that encourages students to make use of the study material and explore different sources to learn more about the course. They need to provide the course material in line with course objectives and outcomes.)	4.62
8	Plans activities that are well differentiated and appreciated by students (In this parameter, the use of teaching aids and tools by the faculty to make the concept clear is assessed. Whether the faculty make use of different facets of teaching and learning process to keep the class lively.)	4.71
9	Welcomes/settles the class appropriately and displays humble but commanding skills (The art of managing the class by the faculty is assessed via this parameter. The faculty need to demonstrate the ability to manage the class in a very friendly but convincing manner without hurting anyone's sentiments.)	4.75
10	Makes objectives if the session/topic explicit to students (The faculty are expected to convince students and make them understand beyond any doubts on the topics taught in the class. They are also expected to convince students about the necessity of learning each of the topics.)	4.67
11	Engages the class with activities that are appropriate and creative (Here the faculty are expected to be creative and at the same time adhere to the relevance of the topic they are teaching. They are not supposed to indulge in irrelevant matters which are not related to the course/topic.)	4.73
12	Encourage them to think (Students must be encouraged think for themselves, and faculty are expected to make students realise their potential and excel in all their endeavours.)	4.75

CO Feedback

Points on scale of 5=4.69

Sl. No.	Description	CO Feedback
1	Describe the constructs of python programming system.	4.75
2	Use looping and conditional constructs to build programs.	4.67
3	Apply the concept of data structure to solve the real-world problem.	4.73
4	Use the NumPy constructs for matrix manipulations.	4.69
5	Apply the Panda constructs for data analytics.	4.64



Canara Engineering College
Benjanapadavu, Bantwal Talu Mangaluru

Artificial Intelligence & Machine Learning
Admission Year 2021-2022
Computer Networks(21CS52)
Pradeep . M

Course Feedback Report

Total students: 51

Percentage=92.09%

Sl. No.	Feedback Parameters	Scores
1	Is regular and punctual in taking up of classes (Feedback is expected on punctuality of the faculty in taking the classes, whether the faculty comes to class on time and utilises the entire 55 minutes available.)	4.78
2	Demonstrates sound knowledge on the subject (It is expected from the faculty to have a profound knowledge of every topic they teach on each day. The faculty should be able to explain the topics related to the course without any difficulty.)	4.55
3	Provides additional knowledge on the subject beyond syllabus (The faculty need to be updated about the current developments of the course which is being taught. In addition to covering the topics as per course content, The faculty should also to explain the latest developments happening related to the course content but, are beyond the scope of the syllabus.)	4.59
4	Is fair in dealing with students (Here, the unbiased quality of the faculty is evaluated. Faculty are expected to be unbiased in all respects whether awarding attendance, evaluating and awarding marks in CIE, asking questions in class, and support extended to students for more achievements in academic and non-academic activities.)	4.63
5	Creates an atmosphere conducive to learning (Here the faculty is expected to be positive and enthusiastic when teaching. They need to demonstrate that they are not here just for teaching, but as mentor who cares about students. They do not use threats and punishment as means to manage the class.)	4.63
6	Deals effectively with student's behaviour (Here the faculty are assessed about their temperament in dealing with students' behaviour. Faculty need to demonstrate utmost calm and patience to manage different kinds of behaviour by students. They should maintain the dignity of the teaching profession.)	4.61



7	Provides notes that is a good match for the objectives (The faculty are expected to provide the study material that encourages students to make use of the study material and explore different sources to learn more about the course. They need to provide the course material in line with course objectives and outcomes.)	4.59
8	Plans activities that are well differentiated and appreciated by students (In this parameter, the use of teaching aids and tools by the faculty to make the concept clear is assessed. Whether the faculty make use of different facets of teaching and learning process to keep the class lively.)	4.57
9	Welcomes/settles the class appropriately and displays humble but commanding skills (The art of managing the class by the faculty is assessed via this parameter. The faculty need to demonstrate the ability to manage the class in a very friendly but convincing manner without hurting anyone's sentiments.)	4.65
10	Makes objectives if the session/topic explicit to students (The faculty are expected to convince students and make them understand beyond any doubts on the topics taught in the class. They are also expected to convince students about the necessity of learning each of the topics.)	4.53
11	Engages the class with activities that are appropriate and creative (Here the faculty are expected to be creative and at the same time adhere to the relevance of the topic they are teaching. They are not supposed to indulge in irrelevant matters which are not related to the course/topic.)	4.59
12	Encourage them to think (Students must be encouraged think for themselves, and faculty are expected to make students realise their potential and excel in all their endeavours.)	4.55

CO Feedback

Points on scale of 5=4.58

Sl. No.	Description	CO Feedback
1	Learn the basic needs of communication system	4.65
2	Interpret the communication challenges and its solution	4.61
3	Identify and organize the communication system network components	4.55
4	Design communication networks for user requirements	4.53
5	Understand the principles of network applications and how they function	4.57



Canara Engineering College
Benjanapadavu, Bantwal Talu Mangaluru

Artificial Intelligence & Machine Learning
Admission Year 2021-2022
Research Methodology & Intellectual Property Rights(21RMI56)
Divyesh . Divakar

Course Feedback Report

Total students: 51

Percentage=99.71%

Sl. No.	Feedback Parameters	Scores
1	Is regular and punctual in taking up of classes (Feedback is expected on punctuality of the faculty in taking the classes, whether the faculty comes to class on time and utilises the entire 55 minutes available.)	5.00
2	Demonstrates sound knowledge on the subject (It is expected from the faculty to have a profound knowledge of every topic they teach on each day. The faculty should be able to explain the topics related to the course without any difficulty.)	4.98
3	Provides additional knowledge on the subject beyond syllabus (The faculty need to be updated about the current developments of the course which is being taught. In addition to covering the topics as per course content, The faculty should also to explain the latest developments happening related to the course content but, are beyond the scope of the syllabus.)	5.00
4	Is fair in dealing with students (Here, the unbiased quality of the faculty is evaluated. Faculty are expected to be unbiased in all respects whether awarding attendance, evaluating and awarding marks in CIE, asking questions in class, and support extended to students for more achievements in academic and non-academic activities.)	4.98
5	Creates an atmosphere conducive to learning (Here the faculty is expected to be positive and enthusiastic when teaching. They need to demonstrate that they are not here just for teaching, but as mentor who cares about students. They do not use threats and punishment as means to manage the class.)	4.98
6	Deals effectively with student's behaviour (Here the faculty are assessed about their temperament in dealing with students' behaviour. Faculty need to demonstrate utmost calm and patience to manage different kinds of behaviour by students. They should maintain the dignity of the teaching profession.)	4.94



7	Provides notes that is a good match for the objectives (The faculty are expected to provide the study material that encourages students to make use of the study material and explore different sources to learn more about the course. They need to provide the course material in line with course objectives and outcomes.)	4.98
8	Plans activities that are well differentiated and appreciated by students (In this parameter, the use of teaching aids and tools by the faculty to make the concept clear is assessed. Whether the faculty make use of different facets of teaching and learning process to keep the class lively.)	4.98
9	Welcomes/settles the class appropriately and displays humble but commanding skills (The art of managing the class by the faculty is assessed via this parameter. The faculty need to demonstrate the ability to manage the class in a very friendly but convincing manner without hurting anyone's sentiments.)	5.00
10	Makes objectives if the session/topic explicit to students (The faculty are expected to convince students and make them understand beyond any doubts on the topics taught in the class. They are also expected to convince students about the necessity of learning each of the topics.)	4.98
11	Engages the class with activities that are appropriate and creative (Here the faculty are expected to be creative and at the same time adhere to the relevance of the topic they are teaching. They are not supposed to indulge in irrelevant matters which are not related to the course/topic.)	5.00
12	Encourage them to think (Students must be encouraged think for themselves, and faculty are expected to make students realise their potential and excel in all their endeavours.)	5.00

CO Feedback

Points on scale of 5=4.97

Sl. No.	Description	CO Feedback
1	To know the meaning of engineering research.	4.98
2	To know the procedure of literature Review and technical Reading	4.98
3	To know the fundamentals of patent laws and drafting procedure	4.96
4	Understanding the copyright laws and subject matters of copyrights and designs	4.96
5	Understanding the basic Principles of design rights.	4.98



Canara Engineering College
Benjanapadavu, Bantwal Talu Mangaluru

Artificial Intelligence & Machine Learning
Admission Year 2022-2023
Database Management Systems(BCS403)
Supriya A.v. . .

Course Feedback Report

Total students: 63

Percentage=82.70%

Sl. No.	Feedback Parameters	Scores
1	Is regular and punctual in taking up of classes (Feedback is expected on punctuality of the faculty in taking the classes, whether the faculty comes to class on time and utilises the entire 55 minutes available.)	4.22
2	Demonstrates sound knowledge on the subject (It is expected from the faculty to have a profound knowledge of every topic they teach on each day. The faculty should be able to explain the topics related to the course without any difficulty.)	4.00
3	Provides additional knowledge on the subject beyond syllabus (The faculty need to be updated about the current developments of the course which is being taught. In addition to covering the topics as per course content, The faculty should also to explain the latest developments happening related to the course content but, are beyond the scope of the syllabus.)	4.06
4	Is fair in dealing with students (Here, the unbiased quality of the faculty is evaluated. Faculty are expected to be unbiased in all respects whether awarding attendance, evaluating and awarding marks in CIE, asking questions in class, and support extended to students for more achievements in academic and non-academic activities.)	4.17
5	Creates an atmosphere conducive to learning (Here the faculty is expected to be positive and enthusiastic when teaching. They need to demonstrate that they are not here just for teaching, but as mentor who cares about students. They do not use threats and punishment as means to manage the class.)	4.03
6	Deals effectively with student's behaviour (Here the faculty are assessed about their temperament in dealing with students' behaviour. Faculty need to demonstrate utmost calm and patience to manage different kinds of behaviour by students. They should maintain the dignity of the teaching profession.)	4.17



7	Provides notes that is a good match for the objectives (The faculty are expected to provide the study material that encourages students to make use of the study material and explore different sources to learn more about the course. They need to provide the course material in line with course objectives and outcomes.)	4.17
8	Plans activities that are well differentiated and appreciated by students (In this parameter, the use of teaching aids and tools by the faculty to make the concept clear is assessed. Whether the faculty make use of different facets of teaching and learning process to keep the class lively.)	4.10
9	Welcomes/settles the class appropriately and displays humble but commanding skills (The art of managing the class by the faculty is assessed via this parameter. The faculty need to demonstrate the ability to manage the class in a very friendly but convincing manner without hurting anyone's sentiments.)	4.21
10	Makes objectives if the session/topic explicit to students (The faculty are expected to convince students and make them understand beyond any doubts on the topics taught in the class. They are also expected to convince students about the necessity of learning each of the topics.)	4.17
11	Engages the class with activities that are appropriate and creative (Here the faculty are expected to be creative and at the same time adhere to the relevance of the topic they are teaching. They are not supposed to indulge in irrelevant matters which are not related to the course/topic.)	4.13
12	Encourage them to think (Students must be encouraged think for themselves, and faculty are expected to make students realise their potential and excel in all their endeavours.)	4.17

CO Feedback

Points on scale of 5=4.26

Sl. No.	Description	CO Feedback
1	Explain the basic elements of a relational database management system & outline entity relationship for the given scenario.	4.37
2	Apply relational algebra concepts and operations for the real world scenario.	4.21
3	Analyze various Structured Query Language (SQL) statements for database manipulations and normalization forms for the given applications.	4.25



4	Apply advanced SQL concepts on the real time applications and explain basic transaction concepts.	4.22
5	Understand concurrency control in database and concepts related to NOSQL databases.	4.25



Canara Engineering College
Benjanapadavu, Bantwal Talu Mangaluru

Artificial Intelligence & Machine Learning
Admission Year 2022-2023
Optimization Technique(BCS405C)
Padmanabha . Kamath

Course Feedback Report

Total students: 63

Percentage=92.80%

Sl. No.	Feedback Parameters	Scores
1	Is regular and punctual in taking up of classes (Feedback is expected on punctuality of the faculty in taking the classes, whether the faculty comes to class on time and utilises the entire 55 minutes available.)	4.62
2	Demonstrates sound knowledge on the subject (It is expected from the faculty to have a profound knowledge of every topic they teach on each day. The faculty should be able to explain the topics related to the course without any difficulty.)	4.65
3	Provides additional knowledge on the subject beyond syllabus (The faculty need to be updated about the current developments of the course which is being taught. In addition to covering the topics as per course content, The faculty should also to explain the latest developments happening related to the course content but, are beyond the scope of the syllabus.)	4.65
4	Is fair in dealing with students (Here, the unbiased quality of the faculty is evaluated. Faculty are expected to be unbiased in all respects whether awarding attendance, evaluating and awarding marks in CIE, asking questions in class, and support extended to students for more achievements in academic and non-academic activities.)	4.70
5	Creates an atmosphere conducive to learning (Here the faculty is expected to be positive and enthusiastic when teaching. They need to demonstrate that they are not here just for teaching, but as mentor who cares about students. They do not use threats and punishment as means to manage the class.)	4.67
6	Deals effectively with student's behaviour (Here the faculty are assessed about their temperament in dealing with students' behaviour. Faculty need to demonstrate utmost calm and patience to manage different kinds of behaviour by students. They should maintain the dignity of the teaching profession.)	4.67



7	Provides notes that is a good match for the objectives (The faculty are expected to provide the study material that encourages students to make use of the study material and explore different sources to learn more about the course. They need to provide the course material in line with course objectives and outcomes.)	4.68
8	Plans activities that are well differentiated and appreciated by students (In this parameter, the use of teaching aids and tools by the faculty to make the concept clear is assessed. Whether the faculty make use of different facets of teaching and learning process to keep the class lively.)	4.62
9	Welcomes/settles the class appropriately and displays humble but commanding skills (The art of managing the class by the faculty is assessed via this parameter. The faculty need to demonstrate the ability to manage the class in a very friendly but convincing manner without hurting anyone's sentiments.)	4.60
10	Makes objectives if the session/topic explicit to students (The faculty are expected to convince students and make them understand beyond any doubts on the topics taught in the class. They are also expected to convince students about the necessity of learning each of the topics.)	4.62
11	Engages the class with activities that are appropriate and creative (Here the faculty are expected to be creative and at the same time adhere to the relevance of the topic they are teaching. They are not supposed to indulge in irrelevant matters which are not related to the course/topic.)	4.57
12	Encourage them to think (Students must be encouraged think for themselves, and faculty are expected to make students realise their potential and excel in all their endeavours.)	4.63

CO Feedback

Points on scale of 5=4.63

Sl. No.	Description	CO Feedback
1	Apply the concepts of vector calculus to solve the given problem.	4.65
2	Apply the concepts of partial differentiation in machine learning and deep neural networks.	4.67
3	Analyze the convex optimization algorithms and their importance in computer science & engineering.	4.63
4	Apply the optimization algorithms to solve the given problem.	4.65





Canara Engineering College
Benjanapadavu, Bantwal Talu Mangaluru

Artificial Intelligence & Machine Learning
Admission Year 2021-2022
Machine Learning Laboratory(21AIL66)
Deepak D .

Course Feedback Report

Total students: 58

Percentage=95.55%

Sl. No.	Feedback Parameters	Scores
1	Is regular and punctual in taking up of classes (Feedback is expected on punctuality of the faculty in taking the classes, whether the faculty comes to class on time and utilises the entire 55 minutes available.)	4.78
2	Demonstrates sound knowledge on the subject (It is expected from the faculty to have a profound knowledge of every topic they teach on each day. The faculty should be able to explain the topics related to the course without any difficulty.)	4.71
3	Provides additional knowledge on the subject beyond syllabus (The faculty need to be updated about the current developments of the course which is being taught. In addition to covering the topics as per course content, The faculty should also to explain the latest developments happening related to the course content but, are beyond the scope of the syllabus.)	4.78
4	Is fair in dealing with students (Here, the unbiased quality of the faculty is evaluated. Faculty are expected to be unbiased in all respects whether awarding attendance, evaluating and awarding marks in CIE, asking questions in class, and support extended to students for more achievements in academic and non-academic activities.)	4.78
5	Creates an atmosphere conducive to learning (Here the faculty is expected to be positive and enthusiastic when teaching. They need to demonstrate that they are not here just for teaching, but as mentor who cares about students. They do not use threats and punishment as means to manage the class.)	4.81
6	Deals effectively with student's behaviour (Here the faculty are assessed about their temperament in dealing with students' behaviour. Faculty need to demonstrate utmost calm and patience to manage different kinds of behaviour by students. They should maintain the dignity of the teaching profession.)	4.79



7	Provides notes that is a good match for the objectives (The faculty are expected to provide the study material that encourages students to make use of the study material and explore different sources to learn more about the course. They need to provide the course material in line with course objectives and outcomes.)	4.78
8	Plans activities that are well differentiated and appreciated by students (In this parameter, the use of teaching aids and tools by the faculty to make the concept clear is assessed. Whether the faculty make use of different facets of teaching and learning process to keep the class lively.)	4.79
9	Welcomes/settles the class appropriately and displays humble but commanding skills (The art of managing the class by the faculty is assessed via this parameter. The faculty need to demonstrate the ability to manage the class in a very friendly but convincing manner without hurting anyone's sentiments.)	4.79
10	Makes objectives if the session/topic explicit to students (The faculty are expected to convince students and make them understand beyond any doubts on the topics taught in the class. They are also expected to convince students about the necessity of learning each of the topics.)	4.79
11	Engages the class with activities that are appropriate and creative (Here the faculty are expected to be creative and at the same time adhere to the relevance of the topic they are teaching. They are not supposed to indulge in irrelevant matters which are not related to the course/topic.)	4.76
12	Encourage them to think (Students must be encouraged think for themselves, and faculty are expected to make students realise their potential and excel in all their endeavours.)	4.78

CO Feedback

Points on scale of 5=4.79

Sl. No.	Description	CO Feedback
1	Analyze the fundamental principles underlying concept learning algorithms, focusing on the Find-S algorithm and the Candidate Elimination algorithm.	4.79
2	Apply supervised learning methods, including Decision trees and artificial neural networks (ANN), to develop predictive models	4.79
3	Apply concepts and models such as the Naive Bayes classifier and Bayesian belief networks to solve both classification and regression tasks.	4.79



4	Apply unsupervised learning techniques K-means clustering and hierarchical clustering to make predictions and analyze classification results using the K-Nearest Neighbors (KNN) algorithm.	4.76
5	Apply the concepts of regression and classification algorithm techniques, such as the non-parametric locally weighted regression algorithm and support vector machine.	4.79



ANALYSIS OF STUDENT FEEDBACK ON FACULTY

ACADEMIC YEAR: 2023-2024

SEM: ODD

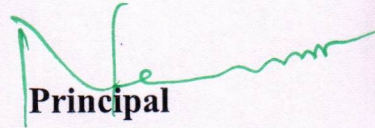
Sl.No	Faculty Name	Course Name	Course Code	FB in %age
1.	Shreevarsha	Mathematics for Computer Science	BCS301	94.70
2.	Kanmani	Digital Design and Computer Organization	BCS302	83.82
3.	Supriya A V	Operating Systems	BCS303	88.82
4.	Nithin Kurup U G	Data Structures and Applications	BCS304	94.61
5.	Nithin Kurup U G	Data Structures Laboratory	BCSL305	95.03
6.	Siju V Soman	Python Programming for Data Science	BDS306B	94.06
7.	Divyesh Divakar	Social Connect and Responsibility	BSCK307	91.73
8.	Divyesh Divakar	PHP Programming	BAI358D	93.64
9.	Siju V Soman	Yoga	BYOK359	89.12
10.	Kanmani	National Service Scheme (NSS)	BNSK359	95.35
11.	Nithin Kurup U G	Physical Education (PE) (Sports and Athletics)	BPEK359	96.60
12.	Basappa B Kodada	Automata Theory and compiler Design	21CS51	91.14
13.	Pradeep M	Computer Networks	21CS52	92.09
14.	Supriya A V	Database Management Systems	21CS53	91.67
15.	Siju V Soman	Principles of Artificial Intelligence	21AI54	98.01
16.	Pradeep M	Database Management Systems Laboratory with Mini Project	21CSL55	91.70
17.	Divyesh Divakar	Research Methodology & Intellectual Property Rights	21RMI56	99.71
18.	Sylvia Serrao	Environmental Studies	21CIV57	97.91
19.	Nithin Kurup U G	Angular JS	21CSL581	99.35

Observation:

The average faculty feedback obtained for this academic year is 93.63% with lowest=83.82% and highest=99.35%

Action suggested:

As per College Policy, it is expected that every faculty get minimum feedback of 70% in their respective course. Since all faculties have obtained feedback is above 70% it is suggested to the concerned faculty to continue the same good work and improve further.



Principal

Principal
CANARA ENGINEERING COLLEGE
BENJANA PADAVU - 574 219
Bantwal Taluk

ANALYSIS OF STUDENT FEEDBACK ON FACULTY

ACADEMIC YEAR: 2023-2024

SEM: EVEN

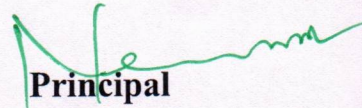
Sl.No	Faculty Name	Course Name	Course Code	FB in %age
1.	Basappa B Kodada	Analysis & Design of Algorithms	BCS401	83.92
2.	Kanmani	Artificial Intelligence	BAD402	86.85
3.	Supriya A V	Database Management Systems	BCS403	82.70
4.	Nithin Kurup U G	Analysis & design of Algorithms Lab	BCSL404	93.84
5.	Padmanabha Kamath	Optimization Technique	BCS405C	92.80
6.	Mohith Prasanna K	Biology for Computer Engineers	BBOC407	79.74
7.	Divyesh Divakar	Universal Human Values	BUHK408	93.33
8.	Nagaraj Gadagin	MERN	BDSL456C	70.16
9.	Kanmani	NSS	BNSK459	90.00
10.	Nithin Kurup U G	Physical Education	BPEK459	95.06
11.	Siju V Soman	Yoga	BYOK459	93.54
12.	Siju V Soman	Software Engineering and Project Management	21CS61	94.02
13.	Divyesh Divakar	Data Science and its Applications	21AD62	94.91
14.	Deepak D	Machine Learning	21AI63	96.67
15.	Deepak D	Machine Learning Laboratory	21AIL66	95.55
16.	Siju V Soman	Mini Project	21AIMP67	95.89
17.	Kanmani	Innovation/Entrepreneurship/Societal Internship	21INT68	89.60
18.	Nithin Kurup U G	Advanced JAVA Programming	21CS642	92.44
19.	Gowrish Nagvekar B	Renewable Energy Resources	21EE652	97.56

Observation:

The average faculty feedback obtained for this academic year is 90.45% with lowest=70.16% and highest=97.56%

Action suggested:

As per College Policy, it is expected that every faculty get minimum feedback of 70% in their respective course. Since all faculties have obtained feedback is above 70% it is suggested to the concerned faculty to continue the same good work and improve further.



Principal

Principal

CANARA ENGINEERING COLLEGE
BENJANA PADAVU - 574219
Bantwal Taluk