

COMMUNITY COLLEGE OF SKILL DEVELOPMENT (CCSD)

CERTIFICATE

It is certified that the project work incorporated in the dissertation entitled "A LIGHT WEIGHT CRYPTOGRAPHY TECHNIQUE TO SECURE DATA IN COMMUNICATION NETWORK" submitted by AMAN has been carried out by the candidate for the period of January, 2023 to June, 2023 under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

Roonen

Ms. Poonam Chhabra Assistant Professor Date: 31 May 2023



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It is certified that the project work incorporated in the dissertation entitled "**K MEANS CLUSTERING**" submitted by **ANKIT SINGH PUNDIR** has been carried out by the candidate for the period of **January, 2023 to June, 2023** under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

Poonen

Ms. Poonam Chhabra Assistant Professor Date: 31 May 2023



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It is certified that the project work incorporated in the dissertation entitled "**QR CODE SCANNING AND DETECTION**" submitted by **DIPANSHI GUJRAL** has been carried out by the candidate for the period of **January**, **2023 to June**, **2023** under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

Poonen

Ms. Poonam Chhabra Assistant Professor Date: 31 May 2023



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It is certified that the project work incorporated in the dissertation entitled "A LIGHT WEIGHT CRYPTOGRAPHY TECHNIQUE TO SECURE DATA IN COMMUNICATION NETWORK" submitted by JAI SOROUT has been carried out by the candidate for the period of January, 2023 to June, 2023 under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

Poonen

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It is certified that the project work incorporated in the dissertation entitled "**IMAGE ENHANCEMENT**" submitted by **MEHEK KHURANA** has been carried out by the candidate for the period of **January, 2023 to June, 2023** under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

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It is certified that the project work incorporated in the dissertation entitled **"FUZZY LOGIC BASED PREDICTIVE MAINTENANCE SYSTEM**" submitted by **MANISH THENUA** has been carried out by the candidate for the period of **January**, **2023 to June**, **2023** under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

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It is certified that the project work incorporated in the dissertation entitled "**LINEAR REGRESSION**" submitted by **MEHTAB SAIFI** has been carried out by the candidate for the period of **January**, **2023 to June**, **2023** under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

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It is certified that the project work incorporated in the dissertation entitled "**PREDICTION OF WINE QUALITY**" submitted by **NEHA RANA** has been carried out by the candidate for the period of **January**, **2023 to June**, **2023** under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

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Ms. Poonam Chhabra Assistant Professor Date: 31 May 2023



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It is certified that the project work incorporated in the dissertation entitled "**EXPLORATORY DATA ANALYSIS**" submitted by **PRIYANKA GOUD** has been carried out by the candidate for the period of **January, 2023 to June, 2023** under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

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Ms. Poonam Chhabra Assistant Professor Date: 31 May 2023



COMMUNITY COLLEGE OF SKILL DEVELOPMENT (CCSD)

CERTIFICATE

It is certified that the project work incorporated in the dissertation entitled "**PREDICTION OF WINE QUALITY**" submitted by **SPARSH GUPTA** has been carried out by the candidate for the period of **January, 2023 to June, 2023** under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

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It is certified that the project work incorporated in the dissertation entitled "**K MEANS CLUSTERING**" submitted by **YASH LAMBA** has been carried out by the candidate for the period of **January, 2023 to June, 2023** under my supervision for the award of degree of PG Diploma in Data Science and Analytics from CCSD, J. C. BoseUST, YMCA, Faridabad and completed successfully.

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Ms. Poonam Chhabra Assistant Professor Date: 31 May 2023