

J.J. COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
SIVAPURAM POST, PUDUKKOTTAI-622 422

DETAILS OF ICT ENABLED TEACHING RESOURCES

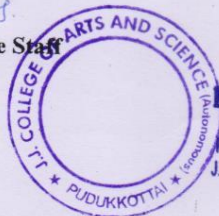
Department: <u>MATHEMATICS</u>	Academic Year: <u>2020-2021</u>
Name of the Staff: <u>Dr. P. PRIYADARSHINI</u>	Semester: <u>ODD & EVEN</u>

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1	<u>III B.Sc</u> <u>MATHEMATICS</u>	<u>REAL ANALYSIS</u>	<u>(5.8.2020)</u> <u>LIMITS AND CONTINUITY</u>	<u>YOUTUBE</u>
2	<u>III B.COM</u>	<u>QUANTITATIVE APTITUDE-I</u>	<u>(17.8.2020)</u> <u>PERCENTAGE</u>	<u>PPT</u>
3	<u>I M.Sc</u> <u>MATHEMATICS</u>	<u>ALGEBRA -I</u>	<u>(6.11.2020)</u> <u>PERMUTATION GROUP</u>	<u>PPT</u>
4	<u>III B.Sc</u> <u>MATHEMATICS</u>	<u>REAL ANALYSIS</u>	<u>(19.9.2020)</u> <u>TYPES OF DISCONTINUITY</u>	<u>PPT</u>
5	<u>III B.COM</u>	<u>QUANTITATIVE APTITUDE-I</u>	<u>(31.8.2020)</u> <u>PROFIT AND LOSS</u>	<u>PPT</u>
6	<u>I M.Sc</u> <u>MATHEMATICS</u>	<u>ALGEBRA -I</u>	<u>(8.9.2020)</u> <u>EULLIDEAN RING</u>	<u>PPT</u>
7	<u>I M.Sc</u> <u>MATHEMATICS</u>	<u>ALGEBRA -II</u>	<u>(17.2.2021)</u> <u>JORDAN CANONICAL FORM</u>	<u>PPT</u>
8	<u>I MBA</u>	<u>OPERATIONS RESEARCH</u>	<u>(8.2.2021)</u> <u>LINEAR PROGRAMMING MODEL</u>	<u>YOUTUBE</u>
9	<u>III B.Sc</u> <u>MATHEMATICS</u>	<u>FUZZY MATHEMATICS</u>	<u>(18.1.2021)</u> <u>FUZZY RELATIONS</u>	<u>PPT</u>
10	<u>I M.Sc</u> <u>MATHEMATICS</u>	<u>ALGEBRA -II</u>	<u>(8.1.2021)</u> <u>POLYNOMIAL RINGS</u>	<u>PPT</u>
11	<u>III B.Sc</u> <u>MATHEMATICS</u>	<u>FUZZY MATHEMATICS</u>	<u>(4.2.2021)</u> <u>OPERATIONS ON FUZZY SETS</u>	<u>PPT</u>

Signature of the Staff

Head of the Department

Principal



Dr. S. PRIYADARSHINI, M.Sc., M.Phil., M.B.A., Ph.D.,
ASSOCIATE & HEAD
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Dr. J. PARASURAMAN, M.A., M.B.A., M.Ed.,
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: PG & RESEARCH DEPT. OF MATHEMATICS	Academic Year: 2020 - 2021
Name of the Staff: Dr. O. Uma MAHESWAR)	Semester: ODD & EVENS

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1	I B.Sc MATHS.	DIFFERENTIAL CALCULUS	(25.11.2020) Successive Differentiation	PPT
2	I B.Sc MATHS	DIFFERENTIAL CALCULUS	(15.11.2020) Curvature	PPT
3	I M.Sc MATHS	REAL ANALYSIS-I	(24.12.2020) Basis of Topology	PPT
4	I M.Sc MATHS	REAL ANALYSIS-I	(25.12.2020) Limit and Continuity	PPT
5	III B.Sc CS	QUANTITATIVE APTITUDE - I	(17.09.2020) Profit and loss	PPT
6	III B.Sc Maths.	COMPLEX ANALYSIS.	(5.01.2021) Analytic functions.	PPT
7	III B.Sc MATHS.	COMPLEX ANALYSIS.	(14.02.2021) Continuous functions.	PPT
8	I M.Sc MATHS.	TOPOLOGY	(17.02.2021) Types of Topology.	PPT
9	I M.Sc MATHS.	TOPOLOGY.	(08.04.2021) Hausdorff Spaces.	PPT
10	I B.Sc IT	NUMERICAL METHODS.	(22.03.2021) Bisection Method.	PPT
11	I B.Sc IT	NUMERICAL METHODS.	(10.04.2021) Method of Interpolation	PPT

O. Uma
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Head of the Department

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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <u>MATHEMATICS</u>	Academic Year: <u>2020-2021</u>
Name of the Staff: <u>DR. N. MEENAL</u>	Semester: <u>ODD & EVEN</u>

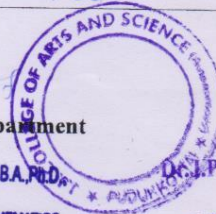
S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	I M.Sc MATHEMATICS	CLASSICAL MECHANICS	5-11-2020 LINEAR MOMENTUM	PPT
2.	III B.Sc MATHEMATICS	MODERN ALGEBRA	05-08-2020 CAYLEY'S TABLE	PPT
3.	III B.Sc MATHEMATICS	QUANTITATIVE MATHEMATICS FOR COMPETITIVE EXAMINATIONS	17-09-2020 PROFIT AND LOSS	PPT
4.	I B.Sc CHEMISTRY	ALLIED MATHEMATICS-II	25-11-2020 MATRICES	YOUTUBE
5.	III B.Sc MATHEMATICS	MODERN ALGEBRA	14-10-2020 VECTOR SPACE	YOUTUBE
6.	I M.Sc MATHEMATICS	CLASSICAL MECHANICS	24-12-20 CANONICAL EQUATIONS	PPT
7.	III B.Sc MATHEMATICS	GRAPH THEORY	18-01-2020 TYPES OF GRAPHS	PPT
8.	I B.Sc PHYSICS	ALLIED MATHEMATICS-III	22-03-2021 SOLENOIDAL AND IRRROTATIONAL	YOUTUBE
9.	I M.Sc MATHEMATICS	REAL ANALYSIS-II	17-02-2021 INTEGRAL FUNCTIONS	PPT
10.	III B.Sc MATHEMATICS	GRAPH THEORY	20-01-2021 HAMILTONIAN GRAPH	PPT
11.	I B.Sc PHYSICS	ALLIED MATHEMATICS-III	08-04-2021 STOKE'S THEOREM	YOUTUBE
12.	III B.Sc MATHEMATICS	GRAPH THEORY	08-02-2021 SPANNING TREE	PPT

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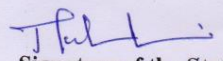
Dr. PARASURAMAN, M.A., M.B.A., M.A., M.Phil., B.Ed., Ph.D.
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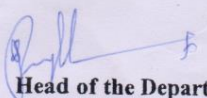
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <u>MATHEMATICS</u>	Academic Year: <u>2020-2021</u>
Name of the Staff: <u>Dr. T. KALAI SELVI</u>	Semester: <u>ODD & EVEN</u>


S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	II M.SC MATHEMATICS	FUNCTIONAL ANALYSIS	05.08.2020 CONTINUOUS LINEAR TRANSFORMATION	PPT
2.	II M.SC MATHEMATICS	FUNCTIONAL ANALYSIS	10.09.2020 ORTHOGONAL COMPLEMENTS	PPT
3.	II M.SC MATHEMATICS	FUNCTIONAL ANALYSIS	05.10.2020 SELF ADJOINT OPERATORS	PPT
4.	III B.SC MATHEMATICS	REAL ANALYSIS	17.08.2020 COUNTABLE AND UNCOUNTABLE	PPT
5.	III B.SC MATHEMATICS	REAL ANALYSIS	19.09.2020 CONTINUOUS FUNCTIONS	PPT
6.	MCA	DISCRETE MATHEMATICS	21.09.2020 GENERATING FUNCTIONS	YOUTUBE
7.	II M.SC MATHEMATICS	MATLAB	11.02.2021 INTRODUCTION TO MATLAB	YOUTUBE
8.	III B.SC MATHEMATICS	ASTRONOMY	02.02.2021 DIURNAL MOTION	PPT
9.	I B.SC COMPUTER SCIENCE	OPERATIONS RESEARCH	15.3.2021 TRANSPORTATION PROBLEM	PPT
10.	III B.SC MATHEMATICS	ASTRONOMY	30.03.2021 DIP OF THE HORIZON	PPT
11.	I B.SC COMPUTER SCIENCE	OPERATIONS RESEARCH	17.3.2021 MODI METHOD	PPT
12.	III B.SC MATHEMATICS	ASTRONOMY	10.04.2021 MOON	PPT


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[Dr. T. KALAI SELVI]


Head of the Department

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Department: MATHEMATICS	Academic Year: 2020 - 2021
Name of the Staff: P. MUTHUSELVI	Semester: ODD & EVEN

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	III BSc Maths	Real Analysis	5/08/2020 Field Axioms & Its properties	PPT
2.	III BSc Maths	Real Analysis	19/08/2020 Countable & Uncountable sets	PPT
3.	III BSc Maths	Operations Research	6/08/2020 Transportation Problem	Youtube
4.	III BSc Maths	Operations Research	26/08/2020 Assignment problem	Youtube
5.	III BCA	Quantitative Aptitude & Reasoning	31/08/2020 Average	PPT
6.	III BSc Maths	Numerical Methods	19/01/2021 Bisection Method	PPT
7.	III BSc Maths	Numerical Methods	20/03/2021 Newton's Forward Problem	PPT
8.	I MSc Maths	Numerical Analysis	9/02/2021 Multi-point iteration Method	PPT
9.	I MSc Maths	Numerical Analysis	4/03/2021 Newton's Bivariate Interpolation	PPT
10.	I BCA	Operations Research	18/02/2021 Travelling Salesman problem	Youtube
11.	I BCA	Operations Research	18/03/2021 Critical path Method	Youtube
12.	III BCA	Quantitative Aptitude - II	21/1/2021 Divisibility	PPT

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[P. MUTHUSELVI]

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Head of the Department

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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <i>PG and Research Department of Mathematics</i>	Academic Year: <i>2020-2021</i>
Name of the Staff: <i>Mr. A. Anandanaj</i>	Semester: <i>ODD & EVEN</i>

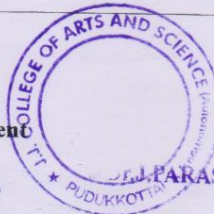
S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	B.Sc mathematics	Numerical methods	^(05.08.2020) Numerical Integration & Differentiation	PPT
2.	B.Sc mathematics	Discrete mathematics	^(10.09.2020) Mathematical Logic	YouTube
3.	B.Sc mathematics	Quantitative Aptitude	^(14.10.2020) Average	YouTube
4.	M.Sc mathematics	Measure Theory	^(05.10.2020) Riemann Integration	PPT
5.	M.Sc mathematics	measure Theory	^(06.11.2020) Measurable Function	PPT
6.	MCA	Discrete Mathematics	^(22.02.2021) Set Theory	PPT
7.	MCA	Discrete mathematics	^(23.02.2021) Recurrence Relation	YouTube
8.	B.Sc IT	Operations Research	^(08.04.2021) Transportation Problem.	PPT.

A. A.
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[Signature]
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C. D.
Principal

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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <i>Mathematics and statistics</i>	Academic Year: <i>2020 - 2021</i>
Name of the Staff: <i>G. SANTHOSH KUMAR</i>	Semester: <i>ODD - EVEN</i>

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
①	<i>III B.Sc BioTechnology</i>	<i>Biostatistics</i>	<i>Introduction to Biostatistics 10.08.2020</i>	<i>PPT</i>
2.	<i>I-B.com</i>	<i>Business statistics</i>	<i>Index Numbers 19.08.2020</i>	<i>You Tube</i>
3.	<i>I B.Sc Mathematics</i>	<i>SPSS</i>	<i>mean, median, mode, Standard deviation 26.08.2020</i>	<i>PPT</i>
4.	<i>III B.Sc BioTechnology</i>	<i>Biostatistics</i>	<i>Collection and Presentations of Data 31.08.2020</i>	<i>You Tube</i>
5.	<i>I - B.com</i>	<i>Business Statistics</i>	<i>Measures of central Tendency 19.01.2021</i>	<i>You Tube</i>
6.	<i>I B.Sc Mathematics</i>	<i>SPSS</i>	<i>Bar diagram, Pie diagram, line diagram 10.03.2021</i>	<i>You Tube</i>
7.	<i>III B.Sc BioTechnology</i>	<i>Biostatistics</i>	<i>Measures of dispersion 09.02.2021</i>	<i>PPT</i>
8.	<i>I - B.com</i>	<i>Business Statistics</i>	<i>Skewness and Kurtosis 04.03.2021</i>	<i>PPT</i>
9.	<i>I B.Sc Mathematics</i>	<i>SPSS</i>	<i>Chi Square test for goodness of fit 18.02.2021</i>	<i>You Tube</i>
10.	<i>III B.Sc BioTechnology</i>	<i>Biostatistics</i>	<i>Measures of Average 21.1.2021</i>	<i>PPT</i>
11.	<i>I - B.com</i>	<i>Business statistics</i>	<i>Correlation and Regression</i>	<i>You Tube</i>
12.	<i>I B.Sc Mathematics</i>	<i>SPSS</i>	<i>ANOVA 12.03.2021</i>	<i>PPT</i>

[Signature]
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[Signature]
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Principal

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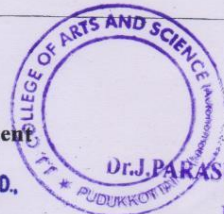
DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <i>PG & Research Department of Mathematics</i>	Academic Year: <i>2020 - 2021</i>
Name of the Staff: <i>K. ARUN</i>	Semester: <i>Old / Even</i>

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1	B.Sc Mathematics	Operations Research	(05.08.2020) Transportation Problems	PPT
2	B.Sc Mathematics	Operations Research	(19.09.2020) Network Analysis	PPT
3	B.Sc Mathematics	Mechanics	(17.08.2020) Triangle & polygon Forces, Lami's Theorem	PPT
4	M.Sc Computer Science	Mathematical Foundation for Computer Science	(24.12.2020) Decision Making	PPT
5	M.Com	Quantitative Techniques	(17.02.2021) Transportation problem	PPT
6	M.Com	Quantitative Techniques	(15.03.2021) Network Analysis	PPT
7	B.Sc Mathematics	Astronomy	(22.03.2021) Spherical Trigonometry	PPT
8	B.Sc Mathematics	Astronomy	(10.04.2021) Earth	PPT

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Principal

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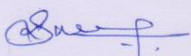
Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
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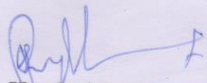
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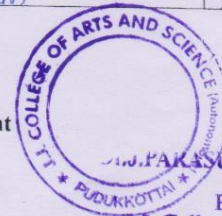
Department: MATHEMATICS	Academic Year: 2020-2021
Name of the Staff: S. KANAKA.	Semester: ODD & EVEN.

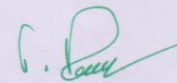
S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	II B. SC MATHEMATICS	Sequences & Series.	Raabe's Test 10.09.2020	PPT
2.	II B. SC MATHEMATICS	Sequences & Series	Cauchy's Root Test 27.08.2020.	PPT
3.	II B. SC MATHEMATICS	Sequences & Series	D'Alembert's Ratio Test 5.9.2020	PPT
4.	I B. SC IT	Essential of Mathematics	Truth Tables 12.9.2020	PPT
5.	I B. SC IT	Essential of Mathematics.	19.09.2020 Quadratic Functions	PPT
6.	III B. SC MATHEMATICS	Complex Analysis	08.02.2021. Singularities	PPT
7.	III B. SC MATHEMATICS	Complex Analysis	24.02.2021. Residues	PPT
8.	II B. SC MATHEMATICS	Differential Eqn. and Laplace Transforms	04.03.2021 Laplace Transforms	PPT
9.	II B. SC MATHEMATICS	Differential Eqn. & Laplace Transforms	15.03.2021. Solution of ODE using L.T	PPT
10.	I BCA	Numerical methods and statistics	11.03.2021 Gauss Jacobi Method	PPT
11.	I BCA	Numerical methods and statistics	16.03.2021. Interpolation Formula	PPT
12.	III B. SC MATHEMATICS	Complex Analysis	19.3.2021. Cauchy's Theorem	PPT


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Head of the Department

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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: PG & Research Department of Mathematics	Academic Year: 2020-2021
Name of the Staff: Dr. M. KAVITHA	Semester: odd & Even

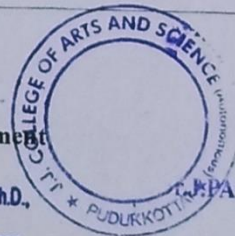
S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	III MCA	Optimization Techniques	17-09-2020 Inventory Models	YOU TUBE
2.	III MCA	Optimization Techniques	05-10-2020 Queueing System	PPT
3.	I Msc Maths	Calculus of Variations and I. Eqns.	07-12-2020 Green's Function	PPT
4.	I Msc Maths	Calculus of Variations and I. Eqns.	11-12-2020 Applications of Integral Equations	PPT
5.	III B.Sc Maths 'A'	Quantitative Mathematics for Competitive Exams	17-09-2020 Quantitative Aptitude	YOU TUBE
6.	II Msc Maths	Optimization Techniques	23-02-2021 Kuhn Tucker Conditions	PPT
7.	II Msc Maths	Optimization Techniques	11-03-2021 Monte-Carlo Simulation	YOU TUBE
8.	III B.Sc Maths 'B'	Fuzzy Logic	19-02-2021 Fuzzy Relations	YOU TUBE
9.	II B.Sc Maths 'A'	Theory of Games and Decision Theory	10-02-2021 Algebraic Method	YOU TUBE
10.	I B.Sc CS 'D'	Numerical Methods & Statistics	04-03-2021 Gauss Elimination and Gauss Jordan Method	PPT

M. Kavitha
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Principal

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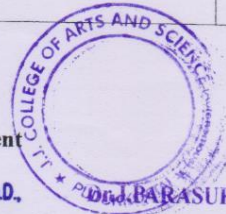
DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <i>PG & Research Department of Mathematics</i>	Academic Year: <i>2020-2021</i>
Name of the Staff: <i>Dr. J. JOHN FLAVIA</i>	Semester: <i>ODD & EVEN</i>

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	<i>II M.Sc MATHS</i>	<i>COMPLEX ANALYSIS</i>	<i>11-09-2020 Residues</i>	<i>PPT</i>
2.	<i>II M.Sc MATHS</i>	<i>COMPLEX ANALYSIS</i>	<i>31-08-2020 Cauchy's Theorem</i>	<i>YOU TUBE</i>
3.	<i>I B.Sc CS</i>	<i>ALGEBRA & CALCULUS</i>	<i>20-08-2020 Differential Equations</i>	<i>YOU TUBE</i>
4.	<i>I B.Sc CS</i>	<i>ALGEBRA & CALCULUS</i>	<i>14-08-2020 Eigen Values & Eigen Vectors</i>	<i>YOU TUBE</i>
5.	<i>I B.Sc CS</i>	<i>ALGEBRA & CALCULUS</i>	<i>01-09-2020 Theory of Equations</i>	<i>PPT</i>
6.	<i>I M.Sc MATHS</i>	<i>PARTIAL DIFFERENTIAL EQUATIONS</i>	<i>27-01-2021 Charpit's Method</i>	<i>YOU TUBE</i>
7.	<i>I M.Sc MATHS</i>	<i>PARTIAL DIFFERENTIAL EQUATIONS</i>	<i>23-02-2021 Boundary Value Problems</i>	<i>YOU TUBE</i>
8.	<i>III B.Sc MATHS 'A'</i>	<i>FUZZY LOGIC</i>	<i>10-02-2021 Fuzzy Relations</i>	<i>YOU TUBE</i>
9.	<i>III B.Sc MATHS 'A'</i>	<i>FUZZY LOGIC</i>	<i>01-03-2021 Membership Functions</i>	<i>PPT</i>
10.	<i>I B.Sc CS</i>	<i>NUMERICAL METHODS & STATISTICS</i>	<i>20-01-2021 Measures of Central Tendency</i>	<i>PPT</i>

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Head of the Department



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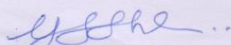
J.J. BARASURAMAN, M.A., M.B.A., M.P.H.D.
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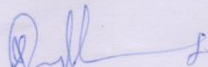
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DETAILS OF ICT ENABLED TEACHING RESOURCES


Department: <u>MATHEMATICS</u>	Academic Year: <u>2020-2021</u>
Name of the Staff: <u>Dr. G. ANANTHAVALLI</u>	Semester: <u>ODD & EVEN</u>

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	II M.Sc MATHEMATICS	FLUID DYNAMICS	06.11.20 MAGNUS EFFECT	YOUTUBE
2.	III B.Sc MATHEMATICS	MODERN ALGEBRA	07.11.20 MATRIX OF A LINEAR TRANSFORMATION	PPT
3.	II M.Sc MATHEMATICS	FLUID DYNAMICS	09.11.20 THEOREM OF BLASIUS	YOUTUBE
4.	III B.Sc MATHEMATICS	MODERN ALGEBRA	16.11.20 ORTHOGONAL COMPLEMENT	PPT
5.	I B.Sc CHEMISTRY	ALLIED MATHEMATICS	17.11.20 HYPERBOLIC FUNCTIONS	YOUTUBE
6.	I B.Sc CHEMISTRY	ALLIED MATHEMATICS II	20.11.20 EXPANSION OF INVERSE HYPERBOLIC	YOUTUBE
7.	III B.Sc MATHEMATICS	COMPLEX ANALYSIS	11.02.21 BILINEAR TRANSFORMATION	YOUTUBE
8.	III B.Sc MATHEMATICS	COMPLEX ANALYSIS	19.02.21 CROSS RATIO	PPT
9.	I B.Sc COMPUTER SCIENCE	OPERATIONS RESEARCH	25.02.21 ASSIGNMENT PROBLEM	PPT
10.	I B.Sc COMPUTER SCIENCE	OPERATIONS RESEARCH	15.03.21 NETWORKS	YOUTUBE
11.	I M.Sc BIO-CHEMISTRY	BIO-STATISTICS	18.03.21 POISSON DISTRIBUTION	YOUTUBE
12.	I B.Sc CHEMISTRY	ALLIED MATHEMATICS II	26.03.21 POWER SERIES	PPT


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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <i>Mathematics and statistics</i>	Academic Year: <i>Nov 2020 - April 2021</i>
Name of the Staff: <i>E. DEVI</i>	Semester: <i>ODD EVEN</i>

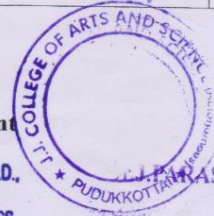
S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	I B.Sc Mathematics	Mathematical and Statistics-II	Index Numbers 10.09.2020	PPT
2.	II B.Sc Bio Technology	Biostatistics	Correlation and Regression 27.08.2020	You Tube
3.	I BBA	Business Mathematics and Statistics	Matrix 05.09.2020	PPT
4.	I-B.Com	Business Statistics	19.09.2020 Measures of Central Tendency	PPT
5.	I B.Sc Mathematics	Mathematical and Statistics-II	08.02.2021 Sampling Distribution	You Tube
6.	II B.Sc Bio Technology	Biostatistics	04.03.2021 Measures of Dispersion	PPT
7.	I BBA	Business Mathematics and Statistics	15.03.2021 Determinants	PPT
8.	I-B.Com	Business Mathematics	11.03.2021 Skewness and Kurtosis	PPT
9.	I B.Sc Mathematics	Mathematical and Statistics-II	16.03.2021 Theory of Estimation	You Tube
10.	II B.Sc Bio Technology	Biostatistics	19.03.2021 Collection and Presentation of Data	PPT
11.	I-BBA	Business Mathematics and Statistics	Statistics 20.04.2021	PPT
12.	I-B.Com	Business Statistics	Data Presentation and measures of 22.04.2021 Average	PPT

E. Devi
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J. Jayaraman
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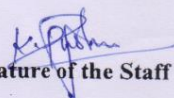
J. Jayaraman, M.A, M.B.A, M.Phil, B.Ed.,
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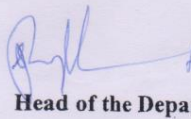
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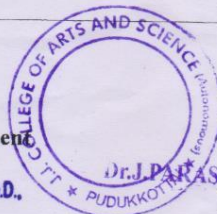
DETAILS OF ICT ENABLED TEACHING RESOURCES

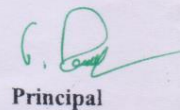
Department: <u>MATHEMATICS</u>	Academic Year: <u>2020-2021</u>
Name of the Staff: <u>K. PUSHPAVALLI</u>	Semester: <u>ODD & EVEN.</u>

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	III - B.Sc MATHEMATICS	OPERATIONS RESEARCH	10.08.2020 Transportation Problem	Youtube.
2.	I - BCA	ALGEBRA AND CALCULUS	15.10.2020. Matrices	Youtube.
3.	I - B.Sc PHYSICS	APPLIED MATHEMATICS - I	03.09.2020. Leibnitz theorem	PPT
4.	III - B.Sc MATHEMATICS	OPERATIONS RESEARCH	09.10.2020. Assignment Problems	Youtube.
5.	III - B.Sc MATHEMATICS	NUMERICAL METHODS	04.03.2021 Bisection Method	PPT
6.	III - BCA	QUANTITATIVE APTITUDE - II	21.01.2021 Coding and Decoding.	PPT
7.	III - B.Sc MATHEMATICS	NUMERICAL METHODS	09.02.2021. Newton's Forward Problem	PPT
8.	III - B.Sc IT	QUANTITATIVE APTITUDE - II	10.03.2021. Series Completion	you Tube.
9.	I - B.Sc PHYSICS	APPLIED MATHEMATICS-II	22.03.2021. solenoidal and irrotational	youtube
10.	I - BCA	ALGEBRA AND CALCULUS	03.12.2020. Radius of curvature	PPT.


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Principal

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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: MATHEMATICS	Academic Year: 2020-2021
Name of the Staff: DEEPAK N.	Semester: EVEN

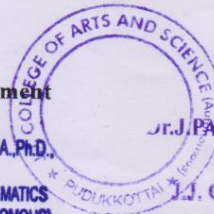
S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1	II B.Sc Maths	VECTOR CALCULUS AND FOURIER SERIES	9/2/2021 DIRECTIONAL DERIVATIVE	YOUTUBE
2	II B.Sc Maths	VECTOR CALCULUS AND FOURIER SERIES	8/3/2021 VOLUME INTEGRAL	PPT
3	I BCA	OPERATIONS RESEARCH	22/2/2021 GRAPHICAL METHOD - PROBLEMS	YOUTUBE
4	I BCA	OPERATIONS RESEARCH	23/3/2021 TWO MACHINE PROBLEM	YOUTUBE
5	II BBA	OPERATIONS RESEARCH	15/2/2021 ASSIGNMENT PROBLEM	PPT
6	II BBA	OPERATIONS RESEARCH	24/2/2021 TRAVELLING SALESMAN PROBLEM	PPT
7	I Chem	ALLIED MATHEMATICS-III	23/2/2021 INVERSE LAPLACE TRANSFORM	PPT
8	I Chem	ALLIED MATHEMATICS-III	5/3/2021 GRADIENT OF SCALAR FIELD	YOUTUBE

N. Deepak
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Principal

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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <i>PG & Research Department of Mathematics</i>	Academic Year: <i>2020-2021</i>
Name of the Staff: <i>S. Mohan</i>	Semester: <i>EVEN</i>

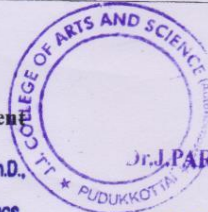
S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	B.Sc, II MATHS	Differential Equations and Laplace Transform	8-2-2021 Presentation on Differential Eqns	PPT
2.	B.Sc, II MATHS	Differential Equations and Laplace Transforms	26-3-2021 Laplace Transforms	PPT
3.	B.Sc, III MATHS	Graph Theory	8-2-2021 Tree and Properties of Tree	Youtube
4.	B.Sc; III MATHS	Graph Theory	23-3-2021 Applications of Graphs	Youtube
5.	III B.Sc C.S	Quantitative Aptitude-II	8-2-2021 Test of Divisibility	PPT
6.	III B.Sc C.S	Quantitative Aptitude-II	9-4-2021 Coding and Decoding	Youtube
7.	I BCA	Operations Research	9-2-2021 Assignment Problems	PPT
8.	I BCA	Operations Research	18-2-2021 Graphical Method	PPT

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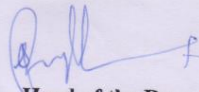
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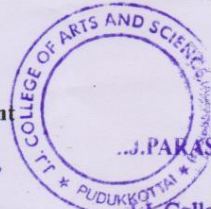
Department: MATHEMATICS	Academic Year: 2020-2021
Name of the Staff: V. KALPANA	Semester: EVEN


S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	I B.Sc MATHEMATICS	VECTOR CALCULUS	(18-02-21) FOURIER SERIES.	YOUTUBE
2.	III BCA	QUANTITATIVE APTITUDE	CODING AND DECODING (24.02.2021)	PPT
3.	I B.Sc COMPUTER SCIENCE	NUMERICAL METHODS	(11.02.2021) GUASS ELIMINATION METHOD.	YOUTUBE
4.	I B.Sc COMPUTER SCIENCE	OPERATION RESEARCH	(22.02.21) SEQUENCING PROBLEM	YOUTUBE
5.	I B.Sc COMPUTER SCIENCE	OPERATION RESEARCH	(23.02.21) TRANSPORTATION PROBLEM	YOUTUBE
6.	I BCA	NUMERICAL METHODS	24.02.21 NEWTON'S FORWARD & BACKWARD.	PPT
7.	I BCA	NUMERICAL METHODS.	09.03.21 NEWTON'S INTERPOLATION.	YOUTUBE.


Signature of the Staff


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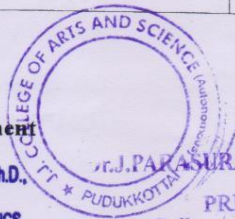
DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <u>MATHEMATICS</u>	Academic Year: <u>2020 - 2021</u>
Name of the Staff: <u>A. PRIYANKA</u>	Semester: <u>EVEN</u>

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1	<u>III B.Sc MATHEMATICS</u>	<u>GRAPH THEORY</u>	<u>18.2.2021)</u> <u>SET AND SET VERTICES</u>	<u>YOUTUBE</u>
2	<u>III B.Sc MATHEMATICS</u>	<u>GRAPH THEORY</u>	<u>19.3.2021)</u> <u>TREES AND PROPERTIES OF TREES</u>	<u>PPT</u>
3	<u>II B.Sc MATHEMATICS</u>	<u>THEORY OF GAMES AND DECISION THEORY</u>	<u>26.2.2021)</u> <u>GRAPHICAL METHOD</u>	<u>YOUTUBE</u>
4	<u>II B.Sc MATHEMATICS</u>	<u>THEORY OF GAMES AND DECISION THEORY</u>	<u>23.3.2021)</u> <u>EXPECTED OPPORTUNITY LOSS</u>	<u>PPT</u>
5	<u>II BBA</u>	<u>OPERATION RESEARCH</u>	<u>22.2.2021)</u> <u>NEWTON'S FORMULA PERT, CPM</u>	<u>YOUTUBE</u>
6	<u>I BCA</u>	<u>NUMERICAL METHODS</u>	<u>11.2.2021)</u> <u>GAUSS ELIMINATION METHOD</u>	<u>YOUTUBE</u>
7	<u>I BCA</u>	<u>NUMERICAL METHODS</u>	<u>23.2.2021)</u> <u>NEWTON'S FORWARD AND BACKWARD</u>	<u>YOUTUBE</u>
8	<u>III BCA</u>	<u>QUANTITATIVE APTITUDE</u>	<u>24.2.2021)</u> <u>LOADING AND DELOADING</u>	<u>PPT</u>

A. Priyanka
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