

J.J.COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(A Silver Jubilee Institution)

(Re-Accredited by NAAC with B** Grade - 4th Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli)



Date : 31.03.2023

Ref :

CERTIFICATE

This is to certify that **Ms. A. ANUSIYA (Register No.P21MT1001)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Fuzzy Copras method for performance in Total productive maintenance comparative Analysis**", during December 2022 to March 2023.


HEAD OF THE DEPARTMENT

Dr. O. UMA MAHESWARI,
M.Sc., M.Phil., P.G.D.C.A., Ph.D.
Head & Assistant Professor,
PG & Research Department of Mathematics,
J.J. College of Arts & Science (Autonomous),
Sivapuram, PUDUKKOTTAI - 622 422.




PRINCIPAL

Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
M.Phil., B.Ed., Ph.D.

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Date : 31.03.2023

Ref :

CERTIFICATE

This is to certify that **Ms. C.DIVYA BHARATHI (Register No.P21MTI002)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**A study on compactness in Metric space and topological Spaces**", during December 2022 to March 2023.

O. Uma

HEAD OF THE DEPARTMENT

Dr. O. UMA MAHESWARI,
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P. Parasuraman

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Date : 31.03.2023

Ref :

CERTIFICATE

This is to certify that **Ms. C. DURGA DEVI (Register No.P21MTI003)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**On $g\beta^*$ I-closed sets in Ideal Topological space**", during December 2022 to March 2023.

O. Uma

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G. Parasuraman

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Date : 31.03.2023

Ref :

CERTIFICATE

This is to certify that **Ms. N. GANGA (Register No.P21MTI004)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Bounds on the number of maximal subgroups of finite groups and its application**", during December 2022 to March 2023.

HEAD OF THE DEPARTMENT

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Date : 31.03.2023

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CERTIFICATE

This is to certify that **Ms. R.HARINI (Register No.P21MTI005)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**A study on Tap water in Pudukkottai using OLS, LMS method**", during December 2022 to March 2023.

O. Uma

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Date : 31.03.2023

Ref :

CERTIFICATE

This is to certify that **Ms. J. JEREEN SUSHMITHA** (Register No.P21MTI006) doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Felicitous Labelling of some graphs**", during December 2022 to March 2023.

HEAD OF THE DEPARTMENT

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CERTIFICATE

This is to certify that **Ms. A. KARISHMA** (Register No.P21MTI007) doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Efficient Domination in graphs**", during December 2022 to March 2023.

HEAD OF THE DEPARTMENT

Dr. O. UMA MAHESWARI,
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Date : 31.03.2023

Ref :

CERTIFICATE

This is to certify that **Ms. M. KAVIYA (Register No. P21MTI008)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Study on * Topology and Ψ * Operators in topological spaces with ideals**", during December 2022 to March 2023.



HEAD OF THE DEPARTMENT

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Ref :

CERTIFICATE

This is to certify that **Ms. K. MADHUBALA (Register No.P21MT1009)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Matching and covering in graphs**", during December 2022 to March 2023.

O. Uma

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G. Parasuraman

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CERTIFICATE

This is to certify that Ms. S. MANGAYARKARASI (Register No.P21MTI010) doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "To study of L- Topological space with its properties", during December 2022 to March 2023.

O. Uma

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P. Parasuraman

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CERTIFICATE

This is to certify that **Ms. R. MEENAKSHI (Register No.P21MTI011)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**A study on twin Domination number of graphs**", during December 2022 to March 2023.

O. Uma Maheswari

HEAD OF THE DEPARTMENT

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CERTIFICATE

This is to certify that **Ms. S. NIRMALA (Register No.P21MTI012)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Groups S_3 cordial prime labelling of graphs**", during December 2022 to March 2023.

O. Uma

HEAD OF THE DEPARTMENT

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J. Parasuraman

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CERTIFICATE

This is to certify that **Ms. PI. PAVITHRA** (Register No.P21MTI013) doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Decomposition of graphs into paths**", during December 2022 to March 2023.

O. Uma Maheswari

HEAD OF THE DEPARTMENT

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CERTIFICATE

This is to certify that **Ms. S. RAMADEVI (Register No.P21MTI014)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Coloring problems of graph Theory**", during December 2022 to March 2023.

O. Uma

HEAD OF THE DEPARTMENT

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G. D.

PRINCIPAL

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Date : 31.03.2023

Ref :

CERTIFICATE

This is to certify that **Ms. A. RESHMA (Register No.P21MTI015)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Neutrosophic triplet groups**", during December 2022 to March 2023.

HEAD OF THE DEPARTMENT

Dr. O. UMA MAHESWARI,
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Date : 31.03.2023

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CERTIFICATE

This is to certify that **Ms. R. RESHMA** (Register No.P21MTI016) doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Combinatorics and Topology of curves and knots**", during December 2022 to March 2023.

O. Uma

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G. D.

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Date : 31.03.2023

Ref :

CERTIFICATE

This is to certify that **Ms. N.SANGAVI (Register No.P21MTI017)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**A linear programming approach for optimal scheduling of workers in at College.**", during December 2022 to March 2023.

O. Uma

HEAD OF THE DEPARTMENT

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J. Parasuraman

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Ref :

CERTIFICATE

This is to certify that **Ms. P. SANTHIYA (Register No.P21MTI018)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**The Directed forest complex of a cayley graph.**", during December 2022 to March 2023.

D. Uma

HEAD OF THE DEPARTMENT

Dr. O. UMA MAHESWARI,

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G. Parashuraman

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CERTIFICATE

This is to certify that **Ms. K. SHANMUGAPRIYA (Register No.P21MTI019)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**To study on strongly g^* -open sets and g^* -closed sets in Topological spaces.**", during December 2022 to March 2023.

O. Uma Maheswari

HEAD OF THE DEPARTMENT

Dr. O. UMA MAHESWARI,
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G. D. Parasuraman

PRINCIPAL

G.D. PARASURAMAN, M.A., M.B.A., M.C.A.
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Ref :

CERTIFICATE

This is to certify that **Ms. S. SHOBANA** (Register No.P21MT1020) doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**An improved algorithm to solve Transportation problem for optimal solution.**", during December 2022 to March 2023.

D. Uma Maheswari

HEAD OF THE DEPARTMENT

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G. Parasuraman

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CERTIFICATE

This is to certify that **Mr. M. SIVASUBRAMANIAN** (Register No.P21MT2001) doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**Chinese postman problem in graphs**", during December 2022 to March 2023.

O. Uma

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G. Par

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CERTIFICATE

This is to certify that **Mr. M.AJAY (Register No.P21MT2002)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled "**A study on Regular fuzzy graphs.**", during December 2022 to March 2023.

O. Uma

HEAD OF THE DEPARTMENT

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CERTIFICATE

This is to certify that **Mr. P. GOPINATHAN (Register No.P21MT2003)** doing II M.Sc. Mathematics has successfully completed her project work in our College entitled " $(\tau_1\tau_2)*\alpha$ Regular generalized closed sets and Regular generalized -open sets in Bitopological spaces," during December 2022 to March 2023.

O. Uma Maheswari

HEAD OF THE DEPARTMENT

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