PROGRAMMES ORGANIZED BY THE DEPARTMENT OF MATHEMATICS (2021 – 2022)

Department of Mathematics

Report of the programme

Name of the programme	**:** Guest lecture
Venue / Online mode	**:** Online
Date	**:** 22-09-2021
Brief objective of the programme	**:** To know the knowledge about mystery of mathematics.
Name of the chief guest with designation	**:** Dr. S. Jackson, M.Sc., Ph.D., Assistant Professor of Mathematics, V. O. Chidambaram College, Thoothukudi.
Topic of the lecture / event	**:** Mystery Maths
No. of participants	**:** 47
Outcome of the programme	**:** Students knew the wonders of mathematics through "Mystery of Maths".

Department of Mathematics

Report of the programme

Name of the programme	**:** Guest lecture
Venue / Online mode	**:** Online
Date	**:** 22-11-2021
Brief objective of the programme	**:** To get rid of fear about TNPSC exam.
Name of the chief guest with designation	**:** T. Thenmozhi, B.A., Assistant Inspector or Labour Office, Srivaikundam.
Topic of the lecture / event	**:** Awareness about TNPSC Exam
No. of participants	**:** 32
Outcome of the programme	**:** Students were motivated to clear TNPSC examination.

Department of Mathematics

Report of the programme

Name of the programme	**:**	Mathematics day celebration
Venue / Online mode	**:**	PG Seminar Hall
Date	**:**	22-12-2021
Brief objective of the programme	**:**	To develop the skills of presenting Mathematical Models and Mathematical Script writing.
Name of the chief guest with designation	**:**	Ms. R. Santrin Sabibha, M.Sc., Research Scholar of Mathematics, Govindammal Aditanar College for Women, Tiruchendur.
Topic of the lecture / event	**:**	Mathematical Models and Mathematical Script writing
No. of participants	**:**	165
Outcome of the programme	**:**	Students acquired practical knowledge through Mathematical Models.

Department of Mathematics

Report of the programme

Name of the programme	**:** Guest lecture
Venue / Online mode	**:** PG Seminar Hall
Date	**:** 26-02-2022
Brief objective of the programme	**:** To know the knowledge about k-Product Cordial Labeling in Graph Theory.
Name of the chief guest with designation	**:** Ms. R. Santrin Sabibha, M.Sc., M.Phil., Research Scholar of Mathematics, Govindammal Aditanar College for Women, Tiruchendur.
Topic of the lecture / event	**:** k-Product Cordial Labeling
No. of participants	**:** 32
Outcome of the programme	**:** Students acquired the knowledge of k-Product Labeling in Graph Theory.

Department of Mathematics

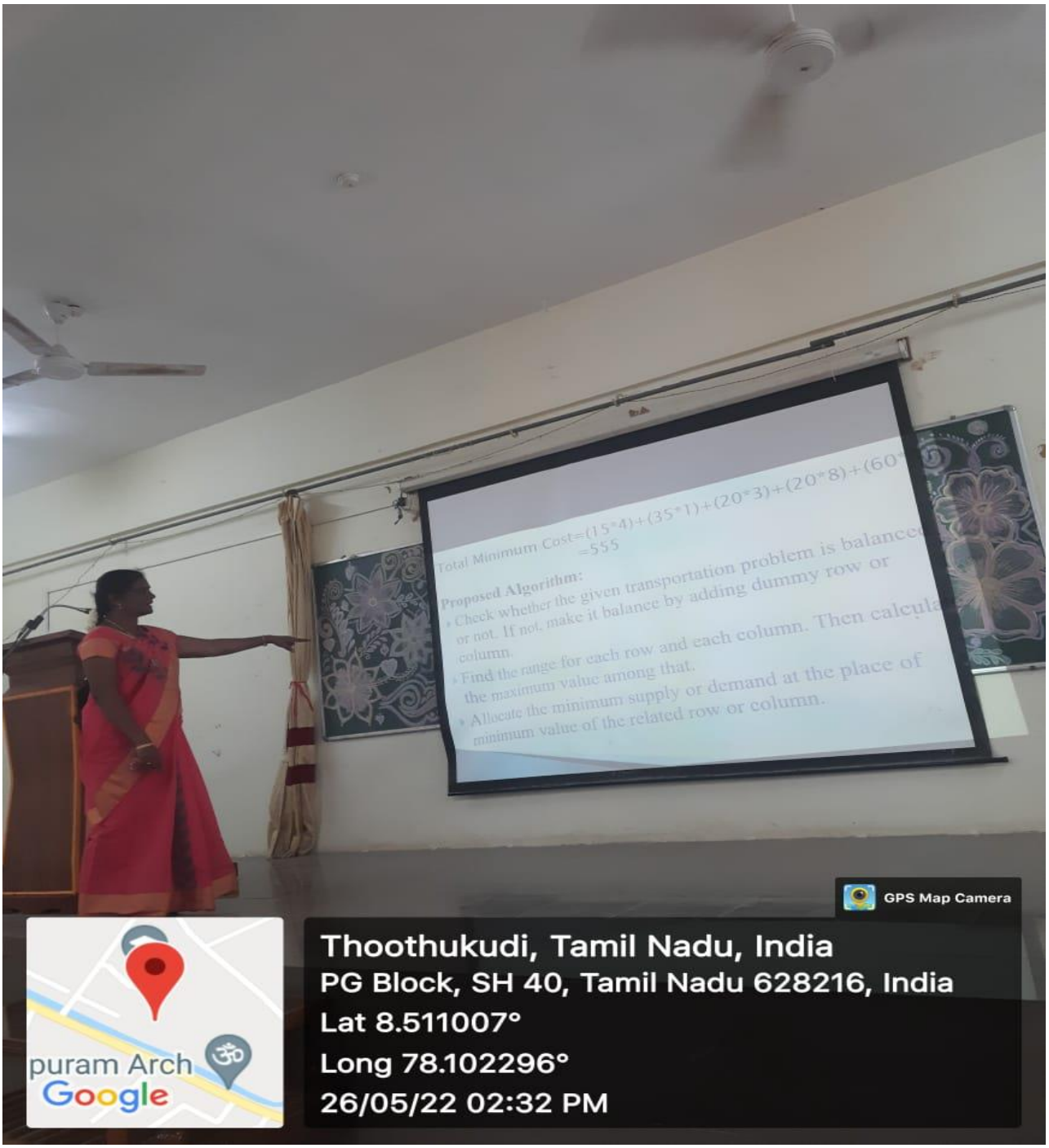
Report of the programme

Name of the programme	**:** Guest lecture
Venue / Online mode	**:** PG Seminar Hall
Date	**:** 27-04-2022
Brief objective of the programme	**:** To create the awareness about the SET and NET examinations.
Name of the chief guest with designation	**:** Dr. S. Philo, M.Sc., M.Phil., Ph.D., Assistant Professor of Mathematics, St. Xavier's College (Autonomous), Palayamkottai.
Topic of the lecture / event	**:** Maths Cafe for SET & NET
No. of participants	**:** 32
Outcome of the programme	**:** Students are motivated and acquired the knowledge about the SET and NET examinations.

Department of Mathematics

Report of the programme

Name of the programme	**:** Guest lecture
Venue / Online mode	**:** PG Seminar Hall
Date	**:** 26-05-2022
Brief objective of the programme	**:** To get the knowledge about Optimization Model.
Name of the chief guest with designation	**:** Mrs. G. Padma Karthiyayini, Research Scholar, Govindammal Aditanar College for Women, Tiruchendur.
Topic of the lecture / event	**:** Analysis of Optimization Model
No. of participants	**:** 32
Outcome of the programme	**:** Students gained the knowledge of Optimization Model in Operation Research.


Total Minimum Cost=(15*4)+(35*1)+(20*3)+(20*8)+(60
=555
Proposed Algorithm:
Check whether the given transportation problem is balanced
or not. If not, make it balance by adding dummy row or
column.
Find the range for each row and each column. Then calcula
the maximum value among that.
Allocate the minimum supply or demand at the place of
minimum value of the related row or column.
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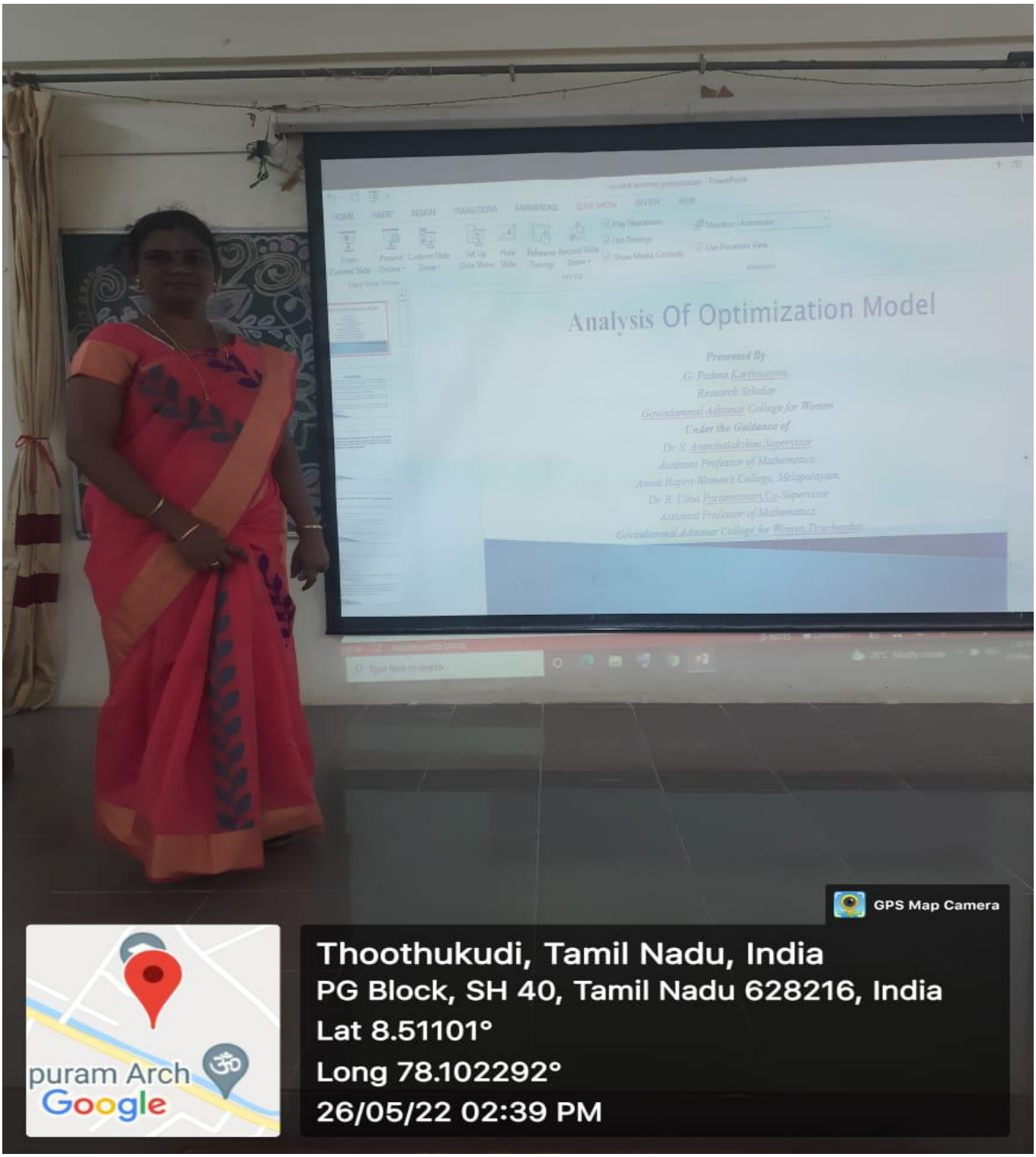
Analysis Of Optimization Model
Presented By
G. Padma Karthiyayini,
Research Scholar
Govindammal Aditanar College for Women
Under the Guidance of
Dr. S. Ananthalakshmi, Supervisor
Assistant Professor of Mathematics,
Arasu Rajaya Women's College, Melapalayam.
Dr. R. Usha Parameswari, Co-Supervisor
Assistant Professor of Mathematics,
Govindammal Aditanar College for Women, Tiruchendur
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Department of Mathematics

Report of the programme

Name of the programme	**:** Guest lecture
Venue / Online mode	**:** PG Seminar Hall
Date	**:** 27-05-2022
Brief objective of the programme	**:** To get the knowledge about Trigonometric Topological Spaces.
Name of the chief guest with designation	**:** Ms. S. Malathi, Research Scholar, Govindammal Aditanar College for Women, Tiruchendur.
Topic of the lecture / event	**:** A New Type of Closed Sets in Trigonometric Topological Spaces
No. of participants	**:** 32
Outcome of the programme	**:** Students gained the knowledge of Trigonometric Topological Spaces.