KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

DEPARTMENT OF MATHEMATICS

UNDER

DBT STAR COLLEGE SCHEME

INTERNSHIP AND PROJECTS

2022-2023

INTERNSHIP

- ❖ Keerthi Krishna. K, Swetha. M, Aishwarya. S, Sowmya. M, Rhithika. S, Sivakavinesh. N, Sarvesh. G, Lekha Shree. V, Sushma. G.H, Madhumathi. R, Jeslin Joy. S, Lakshmanan. M, Monal. S, Preethi. S, Lingeshwaran. R and Mayuri Santhosh Rao Bhokare of III B.Sc. Mathematics underwent an internship on **Python with Data Analytics** at Accent Techno Soft, Coimbatore.

- ❖ Karhikeyan. J, Anushruthi. S, Abiraami. V and Manisha. V of III B.Sc. Mathematics underwent an internship on **Web Designing** at Knila IT Solutions, Coimbatore.

- ❖ Tamil Ilakiya. K and Balaji. M of III B.Sc. Mathematics underwent an internship on **Web Designing** at Zeoner, Coimbatore.

- ❖ Sajina Parveen. K, Jacquelin. S, Aparna. K, Muthulakshmi. K, Fathima Thanjeela. N, Pavithra. P and Anu Shree. P of III B.Sc. Mathematics underwent an internship on **Web Development** at NXT logics, Coimbatore.

- ❖ Malavika. P. M, Benitta Mary. S, Keerthana. D, Jeevanandham. S, Sabari. K, Jagathish. M, Gowshikan. N. R, Sandhiya. S, Suresh. V, Dinesh. A and Ramana Chandar. Rand Nandha Kumar. S of III B.Sc. Mathematics underwent an internship on **Photoshop** at Accent Techno Soft, Coimbatore.

- ❖ Nirupama. T of III B.Sc. Mathematics underwent an internship on **Statistics with Data Analytics in Excel** at Premier Industry, Coimbatore.

- ❖ Swetha. R M and Supraja. S of III B.Sc. Mathematics underwent an internship on **Data Science with R Programming** at Aakam Institute, Coimbatore.

- ❖ Shruthika. S of III B.Sc. Mathematics underwent an internship on **Industrial Statistics** at Nanjanad Indco Tea Factory, Coimbatore.

- ❖ Prashanth. R. J, Kabilan. K and Jana. M of III B.Sc. Mathematics underwent an internship on **Web Development and Introduction to MATLAB** at Zeoner, Coimbatore.

PROJECTS

- ❖ Anushuruthi S. and a group of 3 students completed a project on **Rocket Launch Trajectory Analysis using Mathematics (Interdisciplinary)**

- ❖ Aishwarya S. and a group of 3 students completed a project on **A Study of Nanotechnology in Mathematics and its Applications in Mathematics (Interdisciplinary)**

- ❖ Jacqualine S. and a group of 3 students completed a project on **Applications of Differential Equation and Fourier Transform in Neuroscience (Interdisciplinary)**

- ❖ Sowmya M. and a group of 4 students completed a project on **Impact of Online Education on the students of Higher Education**. **(Interdisciplinary)**

- ❖ Sajina Parveen K. and a group of 4 students completed a project on **Integrating Design Thinking and Mathematics**. **(Interdisciplinary)**

- ❖ Abiraami V. and a group of 4 students completed a project on **Mathematical Modelling on Plant Virus using Differential Equations**. **(Interdisciplinary)**

- ❖ Sarvesh G. and a group of 4 students completed a project on **Statistics in Data Science**. **(Interdisciplinary).**

- ❖ Tamil Ilakkiya K. and a group of 3 students completed a project on **A Study on various packages in Python Programming to solve Mathematical Problems (Interdisciplinary)**.

- ❖ Keerthi Krishna K. and a group of 3 students completed a project **on A Study on some applications of Golden Ratio**.

- ❖ Lekha Shree V. and a group of 3 students completed a project on **An algorithmic approach on Cryptosystem using Fibonacci number and Lucas number**.

- ❖ Sushma G. H. and a group of 3 students completed a project on **Visualisation of Earthquake Date using MATLAB (Interdisciplinary)**.

- ❖ Sabari K. and a group of 3 students completed a project on **An Empirical Analysis of Dr. Reddy's Share Price using various Indicators (Interdisciplinary)**.

- ❖ Kabilan K. completed a project on **A Study on Wave Propagation in Nanoparticles**. (*Interdepartmental Project with Physics*).

- ❖ Saranya Priya A. and Sushma G. H. developed a project entitled **Earthquake Alarm** (*Interdepartmental Project with Computer Science*).

- ❖ Ajay.C.S, Arun Joseph, Sarvesh G. and Selladurai S developed a project entitled **Home Safety Automation Using IoT** (*Interdepartmental Project with Computer Science and Physics*).