



**DEPARTMENT : MATHEMATICS**

**ACTIVITY : INTERNSHIP TRAINING**

**YEAR : 2023-2024**

**DEPARTMENT OF MATHEMATICS**

<b>DATES</b>	<b>TIME</b>	<b>VENUE</b>	<b>MODE</b>
23.01.2024 to 30.01.2024	10.00 a.m. to 03.00 p.m.	Tarcin Robotics LLP 176, E 6 <sup>th</sup> Street, KK Nagar, Madurai	Offline
<b>Theme</b>	Empowering Data Science Skills		
<b>Nature of the Activity</b>	Internship Training		
<b>Title</b>	"R- Programming"		
<b>Convener</b>	<b>Dr.(Mrs.)P.Vidhya</b> Head & Associate Professor of Mathematics EMGYWC		
<b>Internship Coordinator</b>	<b>T.Thivya</b> <b>S.Selvi</b> Assistant Professors of Mathematics EMGYWC		
<b>Resource Person</b>	<b>Mr.R.Arif Mohamed Khan</b> Founder - CEO Tarcin Robotics LLP K.K.Nagar Madurai		
<b>Collaborating Agency</b>	<b>Academic Collaboration (MoU)</b> Tarcin Robotics LLP, Madurai		
<b>Participants</b>	<b>Students - 49</b>		

**INTERNSHIP TRAINING - R - SOFTWARE**

**Objectives:**

- To provide participants with a solid foundation in R software, a powerful tool widely used for statistical computing and data analysis.
- To equip interns with the basic concepts and functionalities of R, enabling them to perform data manipulation, visualization, and statistical analysis efficiently. Applying R software to real-world data problems enhances their analytical capabilities and prepares them for more advanced statistical tasks.

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### Programme Outcome:

The internship training on R software successfully achieved its objectives by imparting essential skills and knowledge to the participants. Throughout the program, interns were introduced to the R programming environment, starting with basic operations such as data input, data types, and basic functions. The training covered key aspects of data manipulation using packages like dplyr, enabling participants to handle and transform data sets efficiently.

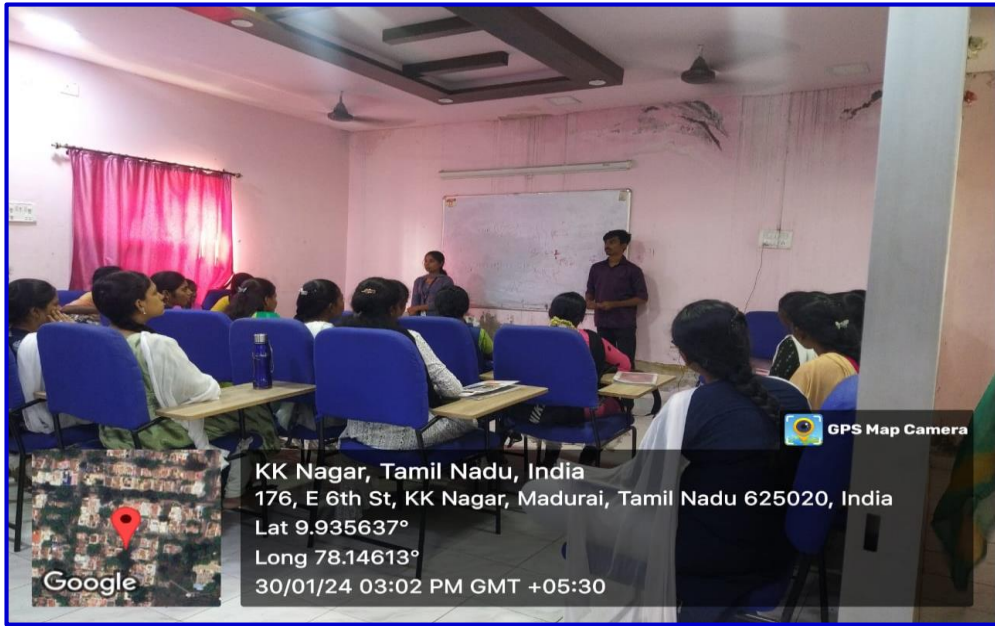
In addition to data manipulation, the program emphasized data visualization techniques using the ggplot2 package. Interns learned to create various types of plots and graphs, allowing them to present data insights clearly and compellingly. The training also included an introduction to statistical analysis, where participants performed descriptive statistics, hypothesis testing, and regression analysis using R.

The students demonstrated their skills with a final project, applying their learning to analyze a data set. The internship provided hands-on experience to tackle real-world data challenges, offering a comprehensive introduction to R software for future professional development in data science.

### Photographs:



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**The Department of Mathematics organized an Internship Training on "R Programming" from 23.01.2024 to 30.01.2024**

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## Feedback:

**E.M.G.YADAVA WOMEN'S COLLEGE, MADURAI-14**  
(An Autonomous Institution- Affiliated to Madurai Kamaraj University)  
Re-accredited (3rd Cycle) with Grade A<sup>+</sup> & CGPA 3.51 by NAAC  
**DEPARTMENT OF MATHEMATICS**

### INTERNSHIP FEEDBACK FORM

VALUE ADDED COURSE

R-PROGRAMMING

DATE: 23.1.2024, 24.1.2024, 29.1.02024, 30.1.2024

TIME: 10.00 AM TO 3.00 PM

VENUE: TARCIN ROBOTICS LIP ,MADURAI

S.NO	REG NO	NAME	CLASS	FEEDBACK
1.	21MKA01	ABINAYA K	III-R	Useful.
2.	21MKA02	ABINAYA R	III-R	Useful
3.	21MKA03	AJITHRA S	III-R	Good
4.	21MKA05	DHARANI A	III-R	Nice
5.	21MKA06	GEERTHANA B	III-R	Very useful
6.	21MKA08	GOWSALYA R	III-R	Very Nice
7.	21MKA09	HEMA O S	III-R	useful
8.	21MKA10	JERINA BANU M	III-R	Excellent.
9.	21MKA11	JEYALAKSHMI J	III-R	Good
10.	21MKA12	KALAIVANI S	III-R	Good.
11.	21MKA13	KALEESHWARI K	III-R	Excellent
12.	21MKA14	KAVIYA R	III-R	Useful

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13.	21MKA15	KEERTHANA B	III-R	Good.
14.	21MKA16	LAVANYA T	III-R	Nice.
15.	21MKA17	MADHUMITHA S	III-R	Very Good.
16.	21MKA18	MADURGA A	III-R	Nice
17.	21MKA19	MAHALAKSHMI I	III-R	Good
18.	21MKA20	MARGREAT DEVI D	III-R	Very Good.
19.	21MKA21	MUTHU ILAKKIYA S	III-R	Good.
20.	21MKA23	PAVITHRA P	III-R	Nice
21.	21MKA24	PAVITHRA S	III-R	Excellent
22.	21MKA25	PRAVEENA R	III-R	useful.
23.	21MKA26	PREETHI SAROO M	III-R	Good
24.	21MKA27	PREETHIKA T	III-R	Good
25.	21MKA28	RAJALAKSHMI P	III-R	Excellent
26.	21MKA30	RASIKA B	III-R	Nice
27.	21MKA31	SHALINI V	III-R	Good
28.	21MKA32	SHANMUGAVALLI K	III-R	Nice
29.	21MKA33	SHANTHINI G	III-R	Very Good
30.	21MKA34	SHRUTHIKASRI T	III-R	useful
31.	21MKA35	SNEHA S	III-R	Very Good.

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32.	21MKA36	SORNALATHA S	III-R	Nice.
33.	21MKA37	SUGANTHA S	III-R	Nice
34.	21MKA38	SUGASHINI K	III-R	Very Good.
35.	21MKA40	SWATHI S	III-R	Good
36.	21MKA41	VINOTHINI V	III-R	Very Useful.
37.	21MKA42	VISHNU PRIYA L	III-R	Useful.
38.	21MKA44	YOGADHARSHINI A K	III-R	Good.
39.	21MPB01	AARTHEESWARIS	III-SF	Useful.
40.	21MPB02	ARIVU SELVI.M	III-SF	Good
41.	21MPB03	DHIVYADHARSHINI.R	III-SF	Nice
42.	21MPB04	GAYATHRI.A	III-SF	Nice
43.	21MPB05	MALAIYAYEE.S	III-SF	useful
44.	21MPB06	NOORUL HAJARA.N	III-SF	Good.
45.	21MPB07	POOJA.P	III-SF	USEFUL
46.	21MPB08	PREETHI.S	III-SF	Very Interesting
47.	21MPB09	SRIMATHI.R	III-SF	Good
48.	21MPB10	SUBHALAKSHMI.R.A	III-SF	Good
49.	21MPB11	THENMOZHI.M	III-SF	Nice

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## Enclosures:

### a. Permission letter:

12.01.2024

From

Dr. P. Vidhya

Head & Associate Professor

Department of Mathematics

E.M.G. Yadava Women's College, Madurai

To

The Principal

E.M.G Yadava Women's College, Madurai

Respected Madam,

I am writing this letter to request your permission for our III year students to attend an internship program, which I believe will be highly beneficial for our department and contribute significantly to the professional development of our students.

The internship program is scheduled to take place at Tarcin Robotics Pvt. Ltd. in Madurai during the period from 23.01.2024 to 24.01.2024 and 29.01.2024 to 30.01.2024. The focus of the program will be on training for R programming.

I kindly request your approval for this internship program. I believe that the knowledge and experiences gained will significantly contribute to the advancement of our department and the overall success of our academic community.

Thanking You.



Yours faithfully,






## E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

### b.Student participants of EMGYWC:

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Internship Training on "R-Software" - 23.1.2024 to 30.1.2024			
S.No.	REGISTER NUMBER	NAME	CLASS
1.	21MKA01	Abinaya K	III-Regular
2.	21MKA02	Abinaya R	III-Regular
3.	21MKA03	Ajithra S	III-Regular
4.	21MKA05	Dharani A	III-Regular
5.	21MKA06	Geerthana B	III-Regular
6.	21MKA08	Gowsalya R	III-Regular
7.	21MKA09	Hema O S	III-Regular
8.	21MKA10	Jerina Banu M	III-Regular
9.	21MKA11	Jeyalakshmi J	III-Regular
10.	21MKA12	Kalaivani S	III-Regular
11.	21MKA13	Kaleeshwari K	III-Regular
12.	21MKA14	Kaviya R	III-Regular
13.	21MKA15	Keerthana B	III-Regular
14.	21MKA16	Lavanya T	III-Regular
15.	21MKA17	Madhumitha S	III-Regular
16.	21MKA18	Madurga A	III-Regular
17.	21MKA19	Mahalakshmi I	III-Regular
18.	21MKA20	Margreat Devi D	III-Regular
19.	21MKA21	Muthu Ilakkiya S	III-Regular
20.	21MKA23	Pavithra P	III-Regular
21.	21MKA24	Pavithra S	III-Regular
22.	21MKA25	Praveena R	III-Regular
23.	21MKA26	Preethi Saroo M	III-Regular
24.	21MKA27	Preethika T	III-Regular
25.	21MKA28	Rajalakshmi P	III-Regular
26.	21MKA30	Rasika B	III-Regular
27.	21MKA31	Shalini V	III-Regular
28.	21MKA32	Shanmugavalli K	III-Regular
29.	21MKA33	Shanthini G	III-Regular
30.	21MKA34	Shruthikasri T	III-Regular
31.	21MKA35	Sneha S	III-Regular
32.	21MKA36	Sornalatha S	III-Regular
33.	21MKA37	Sugantha S	III-Regular

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## E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE


34.	21MKA38	Sugashini K	III-Regular
35.	21MKA40	Swathi S	III-Regular
36.	21MKA41	Vinothini V	III-Regular
37.	21MKA42	Vishnu Priya L	III-Regular
38.	21MKA44	Yogadharshini A K	III-Regular
39.	21MPB01	Aartheeswari.S	III-Self Finance
40.	21MPB02	ArivuSelvi.M	III-Self Finance
41.	21MPB03	Dhivyadharshini.R	III-Self Finance
42.	21MPB04	Gayathri.A	III-Self Finance
43.	21MPB05	Malaiyayee.S	III-Self Finance
44.	21MPB06	NoorulHajara.N	III-Self Finance
45.	21MPB07	Pooja.P	III-Self Finance
46.	21MPB08	Preethi.S	III-Self Finance
47.	21MPB09	Srimathi.R	III-Self Finance
48.	21MPB10	Subhalakshmi.R.A	III-Self Finance
49.	21MPB11	Thenmozhi.M	III-Self Finance

Coordinator:

T.Thi  
T.THIVYA  
S.Selvi  
S.SELVI

P. R. P.

Head of the Department

  
PRINCIPAL I/C  
E.M.G. YADAVA WOMEN'S COLLEGE  
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