



**DEPARTMENT : PHYSICS**

**ACTIVITY : INTERNSHIP TRAINING**

**YEAR : 2023-2024**

**DEPARTMENT OF PHYSICS**

DATES	TIME	VENUE
25.09.2023 to 05.10.2023	02:00 p.m. to 04:00 p.m. (30 Hrs.)	Physics PG Lab E.M.G Yadava Women's College, Madurai.
<b>Theme</b>		Exploring Emerging Technologies and Industry Practices
<b>Nature of the Activity</b>		Internship Training
<b>Title</b>		Mobile Communication
<b>Convener</b>		<b>Mrs.R.Kayalvizhi</b> Head, Assistant Professor of Physics E.M.G. Yadava Women's College
<b>Coordinator</b>		<b>M.Hemalatha</b> Assistant Professor of Physics E.M.G. Yadava Women's College
<b>Resource Person</b>		<b>Mr. Krishnakumar</b> New Technology Mobile Service and Training Institution, Madurai
<b>No. of Beneficiaries</b>		<b>Students - 21</b>

**INTERNSHIP ON "MOBILE COMMUNICATION"**

**Objective:**

To equip participants with the knowledge, skills, and network necessary to excel in the dynamic field of mobile communication and to prepare them for future roles in the industry.

**Activities:**

- The internship began with an overview of the fundamentals of mobile communication, including cellular networks, wireless protocols, and mobile device architecture.

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- Participants were exposed to emerging technologies shaping the future of mobile communication, such as 5G networks, Internet of Things (IoT), Artificial Intelligence (AI) in mobile applications, and Virtual Reality (VR) in mobile gaming.
- Real-world case studies and industry examples were presented to illustrate best practices in mobile communication, including network optimization, mobile app development strategies, and user experience design.
- Practical sessions were conducted to familiarize participants with tools and software used in mobile communication, such as mobile app development platforms, network simulation software, and mobile device testing tools.
- Participants engaged in project work related to mobile communication, applying their knowledge and skills to solve real-world problems or develop innovative solutions in areas such as network optimization, mobile app development, or IoT integration.

### **Programme Outcomes:**

- Participants gained a deeper understanding of mobile communication technologies, industry trends, and emerging applications, enabling them to stay abreast of advancements in the field.
- Practical training sessions and project work enhanced participants' technical skills in mobile app development, network analysis, software testing, and project management.
- Exposure to industry practices and case studies provided participants with valuable insights into the challenges and opportunities in the mobile communication sector, preparing them for future careers in the industry.
- Interaction with industry professionals, guest speakers, and fellow participants facilitated networking opportunities and collaboration potential for future projects or employment.

The internship offered participants a comprehensive learning experience, combining theoretical knowledge with practical skills development and industry insights. The program equipped participants with the tools, knowledge, and network necessary to excel in the dynamic field of mobile communication.

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## Photographs:



Department of Physics organised Internship Training on "Mobile Communication"  
25.09.2023 to 05.10.2023

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Student participants:

S.No.	REGISTER NO.	NAME	DEPARTMENT
1.	21PHY01	ARCHANA.A	PHYSICS
2.	21PHY04	ASIYA MARIYAM BANU.S	PHYSICS
3.	21PHY05	DEEPTHI.C	PHYSICS
4.	21PHY06	DEEPTHI.S	PHYSICS
5.	21PHY07	DHIVYA.P	PHYSICS
6.	21PHY08	GURU DHARSHINI.S	PHYSICS
7.	21PHY09	IRFANA.S	PHYSICS
8.	21PHY10	JAYASRI.G	PHYSICS
9.	21PHY11	JUVAIRIYA FATHIMA.S	PHYSICS
10.	21PHY12	KIRUTHIGA.S	PHYSICS
11.	21PHY13	KRISHNA VADHANI.E.P	PHYSICS
12.	21PHY14	PANDISELVI.K	PHYSICS
13.	21PHY15	PONGAYATHRI.B	PHYSICS
14.	21PHY18	RAJ.M	PHYSICS
15.	21PHY19	RAKKAYEE ALIAS VARALAKSHMI.T	PHYSICS
16.	21PHY20	RAMA.A.A	PHYSICS
17.	21PHY21	SAMITHA.P	PHYSICS
18.	21PHY22	SRI DEVLN	PHYSICS
19.	21PHY23	SUBHA.M	PHYSICS
20.	21PHY24	THIRAVIYA.S.M	PHYSICS
21.	21PHY25	VILVA YOGESWARI.M	PHYSICS

  
Coordinator:

  
Head of the Department

  
Principal  
PRINCIPAL/C  
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