Dr. B. B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA

DEPARTMENT OF COMPUTER SCIENCE

Group Discussion Report-2021-22

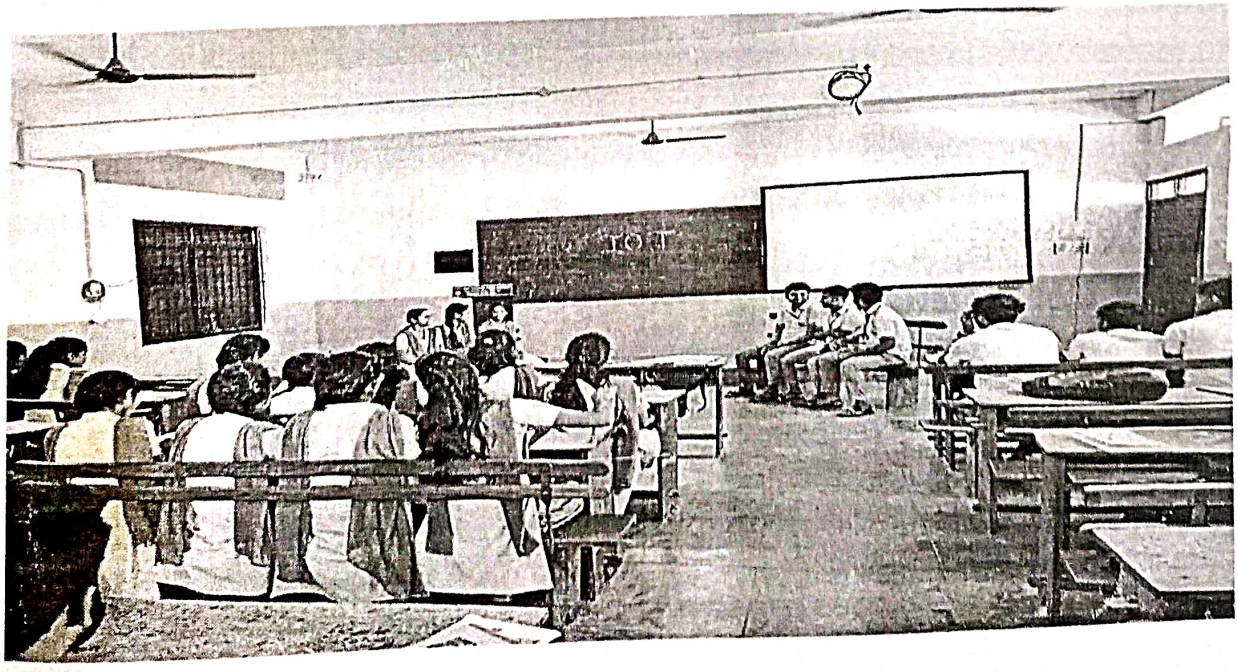
Name of the Faculty: Mr. Trivarna

Date :03/08/2022

Class : II BCA

Students Participated:

Group- I			Group- II		
Name	**Roll no**	**Signature**	**Name**	**Roll no**	**Signature**
Aradhya	CA20008		Meghana Shetty	CA20025	
Adithya maiya	CA20023		Nagarathna	CA20026	
Shriram	CA20054		Samitha	CA20042	
Topic Given:	IOT in daily life				



Discussion Result:

The internet of things, also known as IoT, like it or not—understand it or not—has, in recent years, successfully disrupted our daily lives to the point that even the non-technologically inclined have started to buy into the convenience, the comfort, and the valuable insights that it offers.

From connected home hubs, smart thermostats, remote door locks, and all the various app-controlled appliances, chances are, you already know how helpful IoT is in your everyday life.

The truth is, IoT is growing in importance, both for industrial use and everyday use. It is making our lives better in so many ways, and it will likely continue to do so. Along with the problems we know we have, it is solving problems we didn't even realize were a problem – that is until the solution magically appeared.

Conclusion:

The Internet of things has widened the aspect of internet. This has become the most discussed topic at present. These smart devices influence our life in our travel, shopping, lifestyle, health, daily works, etc. The Internet if things are not only restricted to the household objects but they have their wide applications in different sectors. In this way Internet of Things is having a positive impact on the society.

Yet there are some challenges but efficient working in this direction will reduce the drawbacks in the coming future and make it a technology with great potential. This long essay contains the elaborated details about the Internet of Things. I think that this essay in simple words would have been helpful to all the students and readers in knowing about this most discussed concept of present. I hope that you all will love reading this essay.

Signature

Dr. B. B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA

DEPARTMENT OF COMPUTER SCIENCE

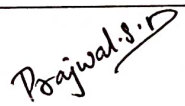
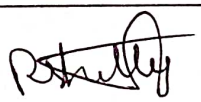
SEMINAR REPORT-2021-22

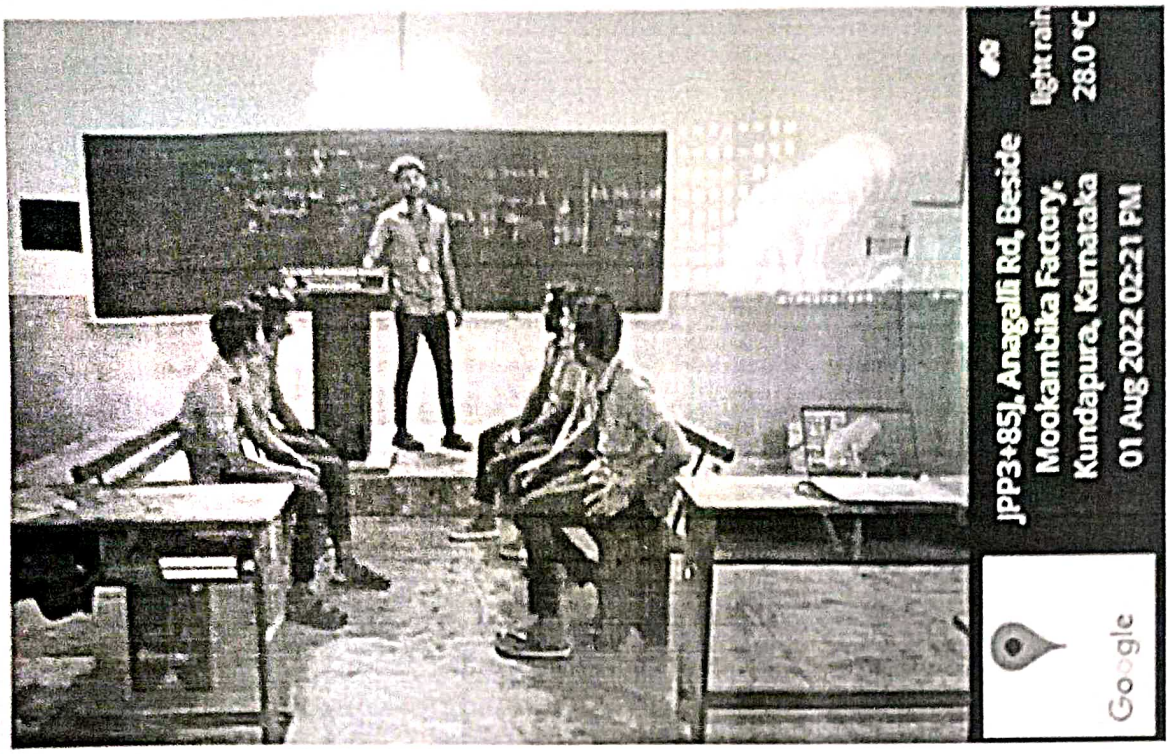
Name of the Faculty: Ms. Pavithra

Date : 01-08-2022

Class : III BCA

Students Participated:

Name	**Roll no**	**Signature**
Prajwal devadiga	4707	
Ganesh	4703	
Rohit	4726	
Topic Given:	Cryptography	



Abstract:

Cryptography. More generally, cryptography is about constructing and analyzing protocols that prevent third parties or the public from reading private messages; various aspects in information security such as data confidentiality, data integrity, authentication, and non-repudiation are central to modern cryptography.

As such, it can also function as one of the first steps toward a satisfying career in a thriving and critical industry. Cryptography is the use of coding to secure computer networks, online systems, and digital data. It is a concept whose endgame is to keep vital information that is subject to potential data breaches safe and confidential.

Modern cryptography concerns itself with the following four objectives:

- Confidentiality. The information cannot be understood by anyone for whom it was unintended.
- Integrity. The information cannot be altered in storage or transit between sender and intended receiver without the alteration being detected.
- Non-repudiation
- Authentication

The students of III BCA have presented the seminar on the above mentioned topic

- Prajwal devadiga of III BCA explained the seminar about cryptography
- Ganesh of III BCA explained about the importance of cryptography.
- Rohit of III BCA described about the objective of cryptography

Seminar lasted for one hour with all the detailed information and students get the clear idea about cryptography technology.

Signature

Dr. B. B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA

DEPARTMENT OF COMPUTER SCIENCE

Group Discussion-2021-22

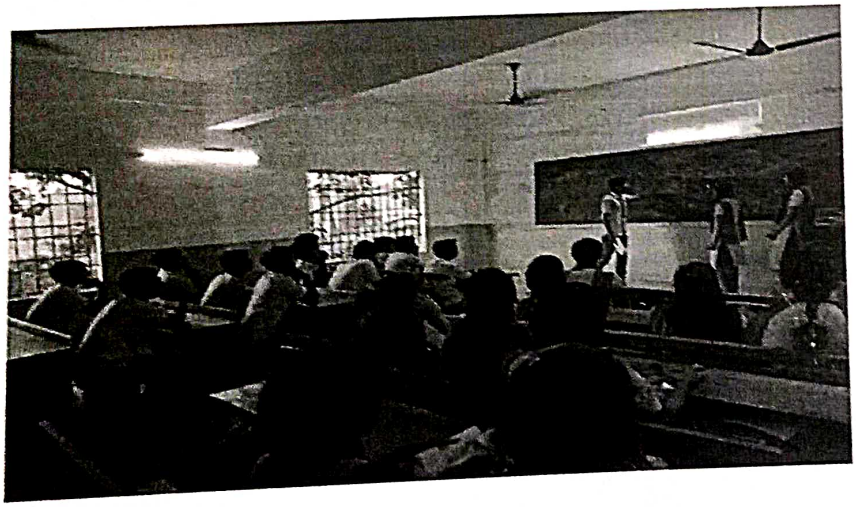
Name of the Faculty: Ms. Prathibha Shetty

Date : 12-02-2022

Class : I B.Sc

Students Participated:

Name	**Roll no**	**Signature**
K Agil George	SC21008	
Vaibhavi Bhat	SC21031	
Supritha B B	SC21029	
Topic Given:	Basics of C Programming	



Discussion Result:

- C is a general-purpose programming language that is extremely popular, simple and flexible.
- It is machine-independent, structured programming language which is used extensively in various applications.
- It can be used to develop software like operating systems, databases, compilers.
- C programming is considered as the base for other programming languages, that is why it is known as mother language.
- A system programming language is used to create system software. C language is a system programming language because it can be used to do low-level programming.
- It is generally used to create hardware devices, OS, drivers, kernels, etc.
- C is considered as a middle-level language because it supports the feature of both low-level and high-level languages.

Conclusion:

C is a robust language. It is a low programming level language close to machine language. It is widely used in the software development field. It is a procedure and structure-oriented language. It has the full support of various operating systems and hardware platforms.

Signature