



SHARDA UNIVERSITY

Swami Vivekananda Learning Resource Center

Plot No: 32-34 Knowledge Park- III,

Greater Noida U.P. 201310

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Event Completion Report

Event Details

Event title:	TRAINING SESSION ON RFID (Processing and Programming)		
Starting date of event:	May. 14, 2024 3:00 PM - 4:30 PM	Duration of Event (in day)	1
Name of the event organizing School	Swami Vivekananda Library (Central Library)		
Name of the event organizing Department	Swami Vivekananda Library (Central Library)		
Sponsor of the Event (Sharda University in case of internal sponsorship)	Sharda University		
	Convener	Dr. Sushanta Kumar Sahoo Librarian Sharda University	
	Coordinators	Dr. S. K. Shrivastava- Asst Librarian Mr. Pankaj Kumar- Asst. Librarian Mr. Rahat Alam- SPA, Mr. Rashid Ali- SPA, Mr. Naresh Kumar-SPA, Mrs Neelam Narang- Sr Exe Asst Mr. Himanshu Rathee- SPA Mrs Manjuli- Library Assistant	
Chief Guest/ Guest of Honor with affiliation (If any)	N.A.		
Name of Speaker/s with affiliation (If any)	Dr. Sushanta Kumar Sahoo Librarian, Sharda University		



LIBRARIAN



SECTION B: Event report and reflections

1. Event objectives:

Introduction to RFID:

Radio Frequency Identification (RFID) is an acronym for Radio Frequency Identification. The principle is the non-contact data communication between the RFID reader and the RFID tag to achieve the purpose of identifying the target, which is a kind of automatic identification technology.

Conduct non-contact two-way data communication through radio frequency, and use radio frequency to read and write recording media (electronic tags or radio frequency cards), so as to achieve the purpose of identifying targets and data exchange, which is considered to be the most potential development in the 21st century. One of the information technology.

RFID features:

1. Applicability: RFID technology relies on electromagnetic waves and does not require physical contact between the two parties. This allows it to establish connections regardless of dust, fog, plastic, paper, wood, and various obstacles, and communicate directly.
2. Efficiency: The reading and writing speed of the RFID system is extremely fast, and a typical RFID transmission process is usually less than 100 milliseconds. High-frequency RFID readers can even identify and read the content of multiple tags at the same time, which greatly improves the efficiency of information transmission.
3. Uniqueness: Each RFID tag is unique. Through the one-to-one correspondence between RFID tags and products, the subsequent circulation of each product can be clearly tracked.
4. Simplicity: RFID tags have a simple structure, high recognition rate and simple reading equipment. Especially as NFC technology is gradually popularized on smartphones, each user's mobile phone will become the simplest RFID reader.

Use of RFID module:

The use of RFID (Radio Frequency Identification) modules spans various industries and applications, offering wireless tracking and identification capabilities. An RFID system typically consists of an RFID reader and tags. The reader sends out radio waves that communicate with the tag, which then transmits data back to the reader. The use of RFID modules offers significant advantages in efficiency, security, and data management across various applications. By automating data collection and tracking, RFID solutions provider helps organizations reduce manual labor, minimize errors, and enhance decision-making processes.

RFID based library management systems are commonly used in libraries for inventory management purposes such as tracking the circulation of books, managing library materials, organizing the library's collection, and more.

2. Event descriptions:

Swami Vivekananda Library at Sharda University Organizing a training session on RFID Processing and programming shows proactive support for enhancing Library Staff members knowledge and skills, especially those are in the Academic Library field, where the programming the all Library documents by the RFID Systems.

SECTION C

3. Participants (Compulsory for events): Total Participants-20 (List enclosed)



**SHARDA
UNIVERSITY**
BILASPUR, INDIA

SHARDA UNIVERSITY
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**TRAINING SESSION ON
RFID (Processing and Programming)**

ATTENDANCE **14.05.2024**

SL. NO	NAME	SIGNATURE
1	RASHID ALI	Rashid Ali
2	Naveesh Kumar	Naveesh
3	Pranav Sharma	Pranav
4	Pranav Kumar	Pranav
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7	Pranav Kumar	Pranav
8	Pranav Kumar	Pranav
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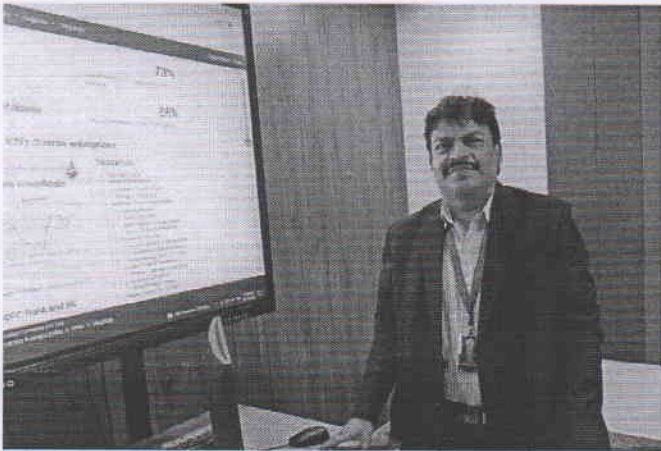
TRAINING SESSION ON
RFID (Processing and Programming)

ATTENDANCE

14.05.2024

SL. NO	NAME	SIGNATURE
1	RASHID ALI	Rashid Ali
2	Naresh Kumar	Naresh
3	Fizwan Ahmad	Fizwan
4	RAHAT AAM	Rahat
5	Neelesh Narsing	Neelesh
6	Kumar Bengre	Kumar
7	Rakuli Shrivastava	Rakuli
8	Basudev Yadav	Basudev
9	Dr. Anita Singh	Anita Singh
10	Himanshu	Himanshu
11	SHIR KUMAR	Shir
12	Sibhi Singh	Sibhi
13	Sadhana Gupta	Sadhana
14	Chaturanga Kumar	Chaturanga
15	N. Agudra Singh	N. Singh
16	Regesh Kumar	Regesh
17	Devash Sharma	Devash
18	OM PRAKASH DUBEY	OP Dubey
19	Abid MAJID	Abid
20	Pravesh Kumar	Pravesh
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RFID Training Session Photos



Swami
LIBRARIAN

Swami Vivekananda Library
Sharda University, G. Noida

Presentation on RFID Systems

