

# [IoT Training Programme]

DEPARTMENT OF COMPUTER SCIENCE, LADY KEANE COLLEGE, SHILLONG.

**Report On**  
**“IoT Training Programme for the 4<sup>th</sup> Semester BCA Students of Lady Keane College”**  
**conducted by NIELIT, Shillong**  
**in collaboration with**  
**Computer Science Department, Lady Keane College, Shillong.**

## **Introduction**

The Internet of Things (IoT) is a network of physical devices that can transfer data to one another without human intervention. It is a network of physical devices, vehicles, appliances, and other physical objects that are embedded with sensors, software, and network connectivity, allowing them to collect and share data. IoT devices—also known as “smart objects”—can range from simple “smart home” devices like smart thermostats, to wearables like smartwatches and RFID-enabled clothing, to complex industrial machinery and transportation systems. Learning and training in this field will empower one's knowledge and understanding of the system, fuel innovative ideas and paved way to real business setups and generate massive income. On this note, the National Institute of Electronics and Information Technology (NIELIT), in collaboration with the Department of Computer Science, offers a free Internet of Things (IoT) training program for BCA students with effect from 11th March 2024. The IoT course is meticulously designed to equip students with essential knowledge and practical skills in this field. Throughout the duration of the course, participants delved into various IoT concepts, explored hands-on projects, and gained insights into the applications and implications of IoT technology in real-world scenarios.

## **Aim and Objectives**

To equip students with essential knowledge and practical skills in the field of the IoT, fuel innovative ideas and pave way for real business setups.

## **Profile of the Trainer**

Mr. Mebanpynsuk Rani Kyndait, a Certified Mobile App Developer, worked as a Mobile developer at Sonicbolt technologies, focusing on Android App development using React Native. He has collaborated with Solutions Engineering Team on design, coding, testing, and troubleshooting to deliver high-quality mobile applications. He was employed as a Software Developer at Marketing Wire, specializing in web development, back-end systems, and android application development. He is also responsible for designing and implementing innovative solutions across multiple platforms to meet business needs and enhance user experiences. Currently, he is employed by NIELIT as a trainer for conducting training programmes in various colleges and in the university.

## **Session**

**Inaugural Sessions:** The inaugural sessions starts with the welcome speech by the Principal, Dr. D K B Mukhim, followed by highlights of the course by the trainer, Mr. Mebanpynsuk Rani Kyndait. The session by the vote of thanks.

**Technical Session:** The technical sessions was conducted for the 4<sup>th</sup> semesters students and the sessions starts after the class hours from 3:30 to 5:30 PM from 11th March, 2024 - 24th April, 2024. In the IoT training

program, each students delved into various IoT concepts, explored hands-on projects, and gained insights into the applications and implications of IoT technology in real-world scenarios.

The exam for this training programme was also conducted on the 13<sup>th</sup> June, 2024.

## Programme Outcomes

The students have learnt new essential knowledge on theoretical and practical concepts in the field of the IoT, They suggest that with more practical sessions their knowledge will enhanced more.

## Name of the participants

4th Semester Students 2024		
Sl. No	Roll No.	Name
1	1	AIBITA SHABONG
2	2	ALISHA LYNGDOH NONGKYNRIH
3	3	ANUSKA CHETRI
4	4	BADAPHIRA SUTING
5	6	CAREFULLY MASHARING
6	8	DAKARUSHWA SUCHIANG
7	10	EMISAKA CHALLAM
8	11	IBALARISUK RYNTATHIANG
9	12	ISHA LAMA
10	13	KIMRESIL S MARAK
11	14	KYNTISHA JANA
12	16	LASHIMTILANG KHYRIEMMUJAT
13	17	LIBIKA KHARSATI
14	18	MATTIKORLANG SUTING
15	20	MISHALIN MAWLONG
16	22	NICHWAKI SYNGKON
17	23	PHERRILIN NONGRUM
18	25	PHIBANKERLANG KHARKANGOR
19	26	PHIBAWANSHA BINA
20	27	PHILARI MANIH
21	28	PURNANKI DAS
22	29	RIBAKMENLANG LYNGDOH NONGPHUD
23	30	RIDORKI SUCHIANG

24	33	SAPHISHA TARIANG
25	34	SHARAILIN NONGKHLAW
26	35	SILAN MARBANIANG
27	36	SIMALIN NONGRUM
28	37	SOLAGRACIA RAMSIEJ
29	38	SRINJONI DEY
30	39	SUSI MARY KHARKONGOR
31	41	WADAHUN BAREH

**Attendance Sheet on the day of the exam**



National Institute of Electronics and Information Technology  
(Ministry of Electronics and Information Technology, Govt. of India)

Attendance Sheet - NECB 2.0 Category-2 Course

Venue of Examination: - Lady Keane College

Paper Name : Internet of Things(IOT)

Date of Examination: 13-06-2024

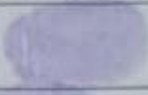
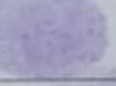
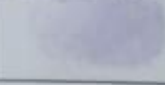



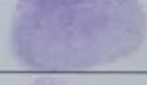


Time of Examination: 10:00 AM

Theory

Batch: 1

Sl. No	Name	Roll No	Signature	Left Thumb Impression(LTI)	ID proof (Yes/No)
1	Kyntisha Jana	C2ML00GU7031	K. Jana	X	Yes 592643289453
2	Kimresil S Marak	C2ML00GU7032	Absent	-	-
3	Simalin Nongrum	C2ML00GU7033	S. Nongrum		313358491638
4	Nichwaki Syngkon	C2ML00GU7034	Nichwaki		930512355651
5	Lashimtilang Khyriemmuat	C2ML00GU7035	L.K. muat		956224896707
6	Sharalin Nongkhlaw	C2ML00GU7036	S. Nongkhlaw		
7	Saphisha Tariang	C2ML00GU7038	S. Tariang		53239844985
8	Aibita Shabong	C2ML00GU7039	A. Shabong		966344180667
9	Phibawansha Bina	C2ML00GU7040	Absent	-	-
10	Isha Lama	C2ML00GU7041	Absent	-	-
11	Alisha L Nongkynrih	C2ML00GU7042	A. Nongkynrih		432643814464
12	Ridorki Suchiang	C2ML00GU7043	R. Suchiang		266914027966
13	Dakarushwa Suchiang	C2ML00GU7044	D. Suchiang		204200935200
14	Ibalarisuk Ryntathiang	C2ML00GU7045	I. Ryntathiang		762726850580
15	Emisaka Challam	C2ML00GU7046	E. Challam		663489155364
16	Philari Manih	C2ML00GU7047	P. Manih		531194464265

M. Nongkhlaw

Sl. No	Name	Roll No	Signature	Left Thumb Impression(LTI)	ID proof (Yes/No)
17	Ribakmenlang Lyngdoh Nongphud	C2ML00GU7048	R. Lyngdoh		7281 0879 2874
18	Pherrilin Nongrum	C2ML00GU7049	P. Nongrum		2901 0266 8355
19	Badaphira Suting	C2ML00GU7050	B. Suting		2932 0232 826
20	Susi Mary Kharkongor	C2ML00GU7052	Absent	-	-
21	Carefully Masharing	C2ML00GU7054	C. Masharing		3752 3070 5045
22	Purnanki Das	C2ML00GU7055	Absent	-	-
23	Silan Marbaniang	C2ML00GU7056	S. Marbaniang		5289 34 387953
24	Wadahun Bareh	C2ML00GU7057	B. Bareh		446561879574
25	Solagracia Ramsiej	C2ML00GU7058	S. Ramsiej		2883 61369959
26	Phibankerlang Kharkongor	C2ML00GU7059	P. Kharkongor		987183010682
27	Srinjoni Dey	C2ML00GU7060	Absent	-	-
28	Libika Kharsati	C2ML00GU7061	Libika?		8625 50486724
29	Mattikorlang Suting	C2ML00GU7062	Absent	-	-

Nos. of candidate's Present : 22

Nos. of candidate's Absent : 7

Signature of Invigilator : M. Kyndit.

## Programme schedule

02:30-3:00

### Inaugural Session at Seminar Hall

- i) Welcome Speech by Principal, Lady Keane College, Shillong
- ii) Highlight about the Course by Mebanpynsuk Rani Kyndait
- iii) Vote of thanks

### Refreshments

Technical Sessions from 3:30 PM onwards

## Photographs











## Expenditure

### IOT Programme Expenditure Statement

Sl.No.	Particulars	Amount (in Rs)
1	Step Up Cafe, Sl. No.1121	1700
2	Janai Kharkrang, No. 113	1170
3	C. Sharma, Sl. No. 251	1000
4	Janai Kharkrang, No. 1029	100
5	C. Sharma, Sl. No. 504	1030
	<b>Grand Total</b>	5000
	<b>(Rupees Five Thousand)</b>	

## Conclusion

This training programme has been a great contribution to expand the technological knowledge and know-how of the students. The IoT concepts, explored hands-on projects had gained insights into the applications and implications of IoT technology in real-world scenarios.