DON BOSCO INSTITUTE OF TECHNOLOGY
(NAAC Accredited Institution)
Department of Electronics and Communication Engineering
Kumbalagodu, Mysore Road, Bengaluru – 560074
www.dbit.co.in Ph:+91-80-28437028/29/30 Fax:+91-80-28437031

Date: 12 /01/ 2022

CIRCULAR

Regarding: Facilitating the Advanced learners. In consent with HOD, Pedagogy classes are planned for the below mentioned students for the subjects which are application oriented in their respective semester to support the students to cope up with the current trends of Technology. These Pedagogy classes are beneficial to the students to enhance their knowledge. All the below mentioned students should attend these classes for the betterment. This is scheduled for 7th semester students (2021-22 ODD SEMESTERS) apart from the regular classes.

Sl.No	USN	Name	Marks	%
		7TH sem		
1	1DB18EC009	ANUSHA B K	458	91.6
2	1DB18EC055	KEERTHANA K	458	91.6
3	1DB18EC101	R PRAJWAL GOWDA	458	91.6
4	1DB18EC083	NISHA SHREE S	454	90.8
5	1DB18EC116	RUCHIRA B BHAT	453	90.6
6	1DB18EC047	HEMAVATHI D S	451	90.2
7	1DB18EC104	RACHANA M	450	90
8	1DB18EC037	GURUPRASAD G	448	89.6
9	1DB18EC097	PRATHIKSHA P	448	89.6
10	1DB18EC134	SHREENIDHI B L	447	89.4
11	1DB18EC016	CAROL SANJANA P	446	89.2
12	1DB19EC407	HEMANTH V	446	89.2
13	1DB18EC014	BHARGAVI R	442	88.4
14	1DB18EC123	SAIPRASAD SHITHALE	439	87.8
15	1DB18EC143	SUDHA M B	437	87.4

DON BOSCO INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(NBA Accredited Department)

Brief Report of Subjects handled in Pedagogy classes: ODD Semester 2021-22

Department:Electronics and communication

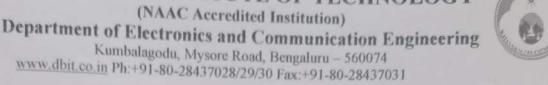|	
Name of the Subject /domain	Basic of Python using google colab tool(7th semester students)
Date	17/1/2022,20/01/2022, 21/1/2022
Venue	DBIT ,Bangalore
Name of the Faculty	Bhavya A B
Objective	Python is a great programming language that supports OOP. You will use it to define a class with **attributes** and methods, which you will then call. Python offers a number of benefits compared to other programming languages like Java. It's a dynamic language, with high-level data types
Abstract of the Pedagogy class taken	Gave insights on Google colab and pythons. The topics covered are as fallows Python - a tool, not a reptile, Python literals, Operators – data manipulation tools, Variables - data-shaped boxes, Making decisions in Python, Python's loops, Logic and bit operations in Python, Lists - collections of data, Sorting simple lists - the bubble sort algorithm. Lists - some more details, Lists in advanced applications, Writing functions in Python. How functions communicate with their environment, Returning a result from a function, Scopes in Python, functions, Tuples and dictionaries, Using modules, Some useful modules, What is package?, Errors - the programmer's daily bread, The anatomy of exception, Characters and strings vs. computers. Python's nature of strings, String methods, Strings in action. Basic concepts of object programming.
Outcome of the Pedagogy class	Python programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the Python programming language. Learning Outcomes: Problem solving and programming capability

Name and signature of the Faculty

HOD,ECE

DON BOSCO INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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SEMESTER : 7

Sl.No	USN	NAMES	1	2	3	4	5	6
			17\1	17\1	20\1	20\1	21\1	21\1
1	1DB18EC009	ANUSHA B K	1	2	3	4	5	6
2	1DB18EC055	KEERTHANA K	P	2	3	4	5	6
3	1DB18EC101	R PRAJWAL GOWDA	P	2	3	4	5	6
4	1DB18EC083	NISHA SHREE S		2	3	4	5	6
5	1DB18EC116	RUCHIRA B BHAT	1	2	3	4	5	6
6	1DB18EC047	HEMAVATHI D S	1	2	3	4	5	6
7	1DB18EC104	RACHANA M	1	2	3	4	5	6
8	1DB18EC037	GURUPRASAD G	A	1	2	3	4	5
9	1DB18EC097	PRATHIKSHA P	1	2	3	4	5	6
10	1DB18EC134	SHREENIDHI B L	1	2	3	4	5	6
11	1DB18EC016	CAROL SANJANA P	1	2	3	4	5	6
12	1DB19EC407	HEMANTH V	1	2	3	4	5	6
13	1DB18EC014	BHARGAVI R	1	2	3	4	5	6
14	1DB18EC123	SAIPRASAD SHITHALE	1	2	3	4	5	6
15	1DB18EC143	SUDHA M B	1	2	3	4	5	6
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		SIGN						

Date: 24/01/2022

CIRCULAR

Regarding: Facilitating the Advanced learners. In consent with HOD, Pedagogy classes are planned for the below mentioned students for the subjects which are application oriented in their respective semester to support the students to cope up with the current trends of Technology. These Pedagogy classes are beneficial to the students to enhance their knowledge. All the below mentioned students should attend these classes for the betterment. This is scheduled for 3rd semester students (2021-22 ODD SEMESTERS) apart from the regular classes.

1	1DB20EC048	Mahesh K	803	89.22
2	1DB20EC026	Devesh Kumar	752	83.56
3	1DB20EC044	Lalithashree K	704	78.22
4	1DB20EC041	Kiranmayi M	697	77.44
5	1DB20EC003	Akash Ajoy Kumar	686	76.22
6	1DB20EC087	Syed Saud Ur Rehman	792	88
7	1DB20EC068	Rakshitha S Hiremath	774	86
8	1DB20EC101	Zaiba Khanum	768	85.33
9	1DB20EC082	Sowndarya V	763	84.78
10	1DB20EC073	Sahana L	747	83
11	1DB20EC048	Mahesh K	803	89.22
12	1DB20EC087	Syed Saud Ur Rehman	792	88
13	1DB20EC068	Rakshitha S Hiremath	774	86
14	1DB20EC101	Zaiba Khanum	768	85.33
15	1DB20EC082	Sowndarya V	763	84.78

DON BOSCO INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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Brief Report of Subjects handled in Pedagogy classes:ODD Semester 2021-22

Department: Electronics and communication

Name of the Subject /domain	Arduino Uno controller 3rd semester students
Date	1/02/2022,3/02/2022,4/02/2022
Venue	DBIT ,Bangalore
Name of the Faculty	Manjunath G
Objective	To provide solid foundation on the fundamentals of microcontroller and applications, interfacing the external devices to the processor according to the user requirements thus, enabling to create novel products and solutions for real time problems
Abstract of the Pedagogy class taken	Arduino is a single-board microcontroller. It is intended to make the application of interactive objects or environments more accessible. The hardware consists of an open-source hardware board designed around an 8-bit Atmel AVR microcontroller or a 32-bit Atmel ARM. Arduino is a single-board microcontroller. The hardware consists of an open-source hardware board designed around an 8-bit Atmel AVR microcontroller or a 32-bit Atmel ARM. To implementArduino Uno is a microcontroller board based on the ATmega328P ,It has 14 digital input/output pins 6 analog inputs, a 16 MHz ceramic resonator a USB connection, a power jack, an ICSP header and a reset button.
Outcome of the Pedagogy class	Understand the fundamentals of ATmega328P along with the features and their programming. Competent with the on chip peripherals of microcontrollers. Design different interfacing applications using microcontrollers and peripherals. Demonstrate the limitations and strengths of different types of microcontrollers and their comparison. Build systems using microcontrollers for real time applications.

Manjunath. G.

Name and signature of the Faculty

HOD.ECE

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EPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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SEMESTER : 3

Sl.No	USN	NAMES	1	2	3	4	5	6
			1/2	1/2	3/2	3/2	4/2	4/2
1	1DB20EC048	Mahesh K	1	2	3	4	5	6
2	1DB20EC026	Devesh Kumar	1	2	3	4	5	6
3	1DB20EC044	Lalithashree K	1	2	3	4	5	6
4	1DB20EC041	Kiranmayi M	1	2	3	4	5	6
5	1DB20EC003	Akash Ajoy Kumar	1	2	3	4	5	6
6	1DB20EC087	Syed Saud Ur Rehman	1	2	3	4	5	6
7	1DB20EC068	Rakshitha S Hiremath	1	2	3	4	5	6
8	1DB20EC101	Zaiba Khanum	1	2	3	4	5	6
9	1DB20EC082	Sowndarya V	1	2	3	4	5	6
10	1DB20EC073	Sahana L	1	2	3	4	5	6
11	1DB20EC048	Mahesh K	1	2	3	4	5	6
12	1DB20EC087	Syed Saud Ur Rehman	1	2	3	4	5	6
13	1DB20EC068	Rakshitha S Hiremath	1	2	3	4	5	6
14	1DB20EC101	Zaiba Khanum	1	2	3	4	5	6
15	1DB20EC082	Sowndarya V	1	2	3	4	5	6
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		SIGN						

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Date: 16/06/2022

CIRCULAR

Regarding: *Facilitating the Advanced learners*. In consent with HOD, Pedagogy classes are planned for the below mentioned students for the subjects which are application oriented in their respective semester to support the students to cope up with the current trends of Technology. These Pedagogy classes are beneficial to the students to enhance their knowledge. All the below mentioned students should attend these classes for the betterment. This is scheduled for 6th and 8th semester students (2021-22 EVEN SEMESTERS) apart from the regular classes.

Sl.No	USN	Name	Marks	%
		6TH sem		
1	1DB19EC087	NUTHAN Y J	710	88.75
2	1DB19EC014	B S JAYANTH	704	88
3	1DB19EC024	BRUNDA R	698	87.25
4	1DB19EC048	HARSHITHA P	693	86.63
5	1DB19EC092	PRAMODH H R	689	86.13
6	1DB19EC021	BHAVANA	671	83.88
7	1DB19EC001	ABHEER PATIL	668	83.5
8	1DB19EC084	NAMRATHA S	664	83
9	1DB19EC105	RASHMI S	663	82.88
10	1DB19EC071	LAVANYA N	656	82
11	1DB19EC115	SATHYA R	650	81.25
12	1DB19EC128	SURAJ S		
13	1DB19EC122	SOUNDARYA A M	647	80.88
14	1DB19EC069	KUSUMA S JAIKANT	646	80.75
15	1DB19EC082	NAMITHA S R		

	8TH sem			
Sl.No	USN	Name	Marks	%
1	1DB18EC009	ANUSHA B K	458	91.6
2	1DB18EC055	KEERTHANA K	458	91.6
3	1DB18EC101	R PRAJWAL GOWDA	458	91.6
4	1DB18EC083	NISHA SHREE S	454	90.8
5	1DB18EC116	RUCHIRA B BHAT	453	90.6
6	1DB18EC047	HEMAVATHI D S	451	90.2
7	1DB18EC104	RACHANA M	450	90
8	1DB18EC037	GURUPRASAD G	448	89.6
9	1DB18EC097	PRATHIKSHA P	448	89.6
10	1DB18EC134	SHREENIDHI B L	447	89.4
11	1DB18EC016	CAROL SANJANA P	446	89.2
12	1DB19EC407	HEMANTH V	446	89.2
13	1DB18EC014	BHARGAVI R	442	88.4
14	1DB18EC123	SAIPRASAD SHITHALE	439	87.8
15	1DB18EC143	SUDHA M B	437	87.4

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Brief Report of Subjects handled in Pedagogy classes

Name of the Subject /domain	Deep learning concepts for 6th and 8th semester students
Date	23/6/2022, 25/6/2022, 26/6/2022
Venue	DBIT ,Bangalore
Name of the Faculty	R C Patil
Objective	Understand the context of neural networks and deep learning. Know how to use a neural network. Understand the data needs of deep learning. Have a working knowledge of neural networks and deep learning.
Abstract of the Pedagogy class taken	Basic concepts of Frontier Technology Deep learning (DL) with concepts on Neural Network, Artificial intelligence. Further explained about Multi layers of DL such as convolution layer, activation layer, pooling layer and most important concept of back propagation algorithm and correlated with real time examples. "whisk on Deep Learning" started with an example of digit recognition followed by how AI is involved in products recommendation, stock trading, documentsummarization and video summarization. The importance of reinforcement learning in today's industry with examples of automated cars was explained. The key terms of reinforcement- state, action and reward with an example of exit from a maze was explained.
Outcome of the Pedagogy class	Comprehend and explain deep learning, including motivation, problem formulation, algorithms, and future challenges.Analyse and evaluate the design and implementation of deep learning methods.Select and apply appropriate methods and computational tools to solve problems using deep learning.

Dr.R-C.Patil

Name and signature of the Faculty

HOD,ECE
Professor & H.O.D
Dept. of Electronics & Communication
DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, BANGALORE-560 074

DON BOSCO INSTITUTE OF TECHNOLOGY
EPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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Sl.No	USN	NAMES	1	2	3	4	5	6
SEMESTER : 6			23/6	23/6	25/6	25/6	26/6	26/6
1	1DB18EC009	ANUSHA B K	1	2	3	4	5	6
2	1DB18EC055	KEERTHANA K	1	2	3	4	5	6
3	1DB18EC101	R PRAJWAL GOWDA	1	2	3	4	5	6
4	1DB18EC083	NISHA SHREE S	1	2	3	4	5	6
5	1DB18EC116	RUCHIRA B BHAT	1	2	3	4	5	6
6	1DB18EC047	HEMAVATHI D S	1	2	3	4	5	6
7	1DB18EC104	RACHANA M	1	2	3	4	5	6
8	1DB18EC037	GURUPRASAD G	1	2	3	4	5	6
9	1DB18EC097	PRATHIKSHA P	1	2	3	4	5	6
10	1DB18EC134	SHREENIDHI B L	1	2	3	4	5	6
11	1DB18EC016	CAROL SANJANA P	1	2	3	4	5	6
12	1DB19EC407	HEMANTH V	1	2	3	4	5	6
13	1DB18EC014	BHARGAVI R	1	2	3	4	5	6
14	1DB18EC123	SAIPRASAD SHITHALE	1	2	2	4	5	6
15	1DB18EC143	SUDHA M B						
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Sl.No	USN	NAMES	1	2	3	4	5	6
SEMESTER : 6			23/6	23/6	25/6	25/6	26/6	26/6
1	1DB19EC087	NUTHAN Y J	1	2	3	4	5	6
2	1DB19EC014	B S JAYANTH	1	2	3	4	5	6
3	1DB19EC024	BRUNDA R	1	2	3	4	5	6
4	1DB19EC048	HARSHITHA P	1	2	3	4	5	6
5	1DB19EC092	PRAMODH H R	1	2	3	4	5	6
6	1DB19EC021	BHAVANA	1	2	3	4	5	6
7	1DB19EC001	ABHEER PATIL	1	2	3	4	5	6
8	1DB19EC084	NAMRATHA S	1	2	3	4	5	6
9	1DB19EC105	RASHMI S	1	2	3	4	5	6
10	1DB19EC071	LAVANYA N	1	2	3	4	5	6
11	1DB19EC115	SATHYA R	1	2	3	4	5	6
12	1DB19EC128	SURAJ S	1	2	3	4	5	6
13	1DB19EC122	SOUNDARYA A M	1	2	3	4	5	6
14	1DB19EC069	KUSUMA S JAIKANT	1	2	3	4	5	6
15	1DB19EC082	NAMITHA S R	1	2	3	4	5	6
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18								
19								
20								
		SIGN	✓	✓	✓	✓	✓	✓