



**Date: 13/08/2020**

**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, 5th and 7th semester students (2020-21 ODD SEMESTERS) apart from the regular classes.

7 <sup>th</sup> SEM STUDENT LIST FOR PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	IDB17CV032	POOJA S
2	IDB17CV019	KAVYASHREE K P
2	IDB17CV031	POOJA R
3	IDB17CV040	SAJESHWARI G K
4	IDB18CV401	HARSHITH D
5	IDB17CV007	CHANDAN D
6	IDB17CV018	JAYASHREE M
7	IDB17CV045	SREENIVAS R
8	IDB17CV047	THEJAS R L
9	IDB17CV025	MUKESH NAG C
10	IDB17CV037	S V RAHUL REDDY

5 <sup>th</sup> SEM STUDENT LIST FOR PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	IDB18CV029	RAKSHITHA H R
2	IDB18CV031	SANDESH K GOWDA
3	IDB18CV041	TEJASHWINI C P
4	IDB18CV049	YASHAVANTH B K
5	IDB18CV044	VANI H K
6	IDB18CV040	TAWSEEF AHMAD MALLAH
7	IDB18CV001	ABHISHEK
8	IDB18CV010	GUNA SHEELA
9	IDB18CV034	SHASHIKUMAR V S
10	IDB18CV043	UBAID AHMAD DAR

3 <sup>rd</sup> SEM STUDENT LIST FOR PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	IDB19CV001	ANUSREE S
2	IDB19CV002	BHOOMIKA S VIDYASRI
3	IDB19CV003	CHAITRA R
4	IDB19CV004	CHETHANA R
5	IDB19CV008	JAYASHREE N
6	IDB19CV009	JEEVITHA H J
7	IDB19CV018	TEJAS GOWDA L C
8	IDB19CV020	VANDANA D RAJ
9	IDB20CV400	CHANDANA N
10	IDB20CV404	SUDHITH S

*Budlia K*

Criteria 2 coordinator (Pedagogy class)

*P. J. Ramasamy*  
Head of the Department

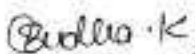
Department of Civil Engineering  
Don Bosco Institute of Technology

Bangalore - 560074



### Brief Report of Subjects handled in Pedagogy classes

Name of the Subject /domain	"ECO-SYSTEM RESTORATION"
Date	09-06-2020
Venue	Online platform
Name of the Faculty	D R KUMARASWAMY
Objective	<ul style="list-style-type: none"><li>• To educate students about the Revegetate the establishment of vegetation on sites where it has been previously lost, often with erosion control as the primary goal</li><li>• To enrich students about the Habitat enhancement- the process of increasing the suitability of a site as habitat for some desired species.</li><li>• To empower about the Remediation: improving an existing ecosystem or creating a new one with the aim of replacing another that has deteriorated or been destroyed.</li><li>• To motivate the students about Mitigation: legally mandated remediation for loss of protected species or ecosystem</li></ul>
Abstract of the Pedagogy class taken	In India, agriculture is recognised as the leading contributor to biodiversity loss, which principally occurs through the conversion of natural habitats to farmed systems. Consequently, there is an urgent need to reduce the impact of food production on biodiversity, which could potentially be achieved by changing patterns of both food production and consumption, and through a combination of conservation, sustainable management and ecological restoration. While many techniques and strategies are already available that can contribute to this goal, there is a particular need to scale them up from local to landscape or regional scales. It is well known that the fortunes of Indian agriculture swing periodically, depending on monsoons and the need to reduce the farm sector's vulnerability to critical resources such as groundwater. A recent study of eight crops compared the consumption of the most efficient and least efficient farmers. For paddy, it was revealed that shifting farming practices to more efficient ones could reduce water use by 25 percent in Maharashtra and 73 percent in Andhra Pradesh
Outcome of the Pedagogy class	<p>The participants will learn about the Importance of ecosystem</p> <ul style="list-style-type: none"><li>• Need for restoration</li><li>• Role of individual in ecosystem restoration</li><li>• Importance of public involvement in ecosystem restoration</li><li>• Importance of corporate involvement in ecosystem restoration</li></ul>

  
Name and signature of the Faculty

  
Head of the Department  
Department of Civil Engineering  
Don Bosco Institute of Technology  
Bangalore - 560074





Date: 24/02/2021

**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 4<sup>th</sup>, 6<sup>th</sup> and 8<sup>th</sup> semester students (2020-21 EVEN SEMESTERS) apart from the regular classes.

8 <sup>th</sup> SEM STUDENT LIST FOR PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	IDB17CV032	POOJA S
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1	IDB18CV029	RAKSHITHA H R
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3	IDB18CV041	TEJASHWINI C P
4	IDB18CV049	YASHAVANTH B K
5	IDB18CV044	VANI H K
6	IDB18CV040	TAWSEEF AHMAD MALLAH
7	IDB18CV001	ABHISHEK
8	IDB18CV010	GUNA SHEELA
9	IDB18CV034	SHASHIKUMAR V S
10	IDB18CV043	UBAID AHMAD DAR

4 <sup>th</sup> SEM STUDENT LIST FOR PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	IDB19CV001	ANUSREE S
2	IDB19CV002	BHOOMIKA S VIDYASRI
3	IDB19CV003	CHAITHIRA R
4	IDB19CV004	CHEETHANA R
5	IDB19CV008	JAYASHREE N
6	IDB19CV009	JEEVITHA H J
7	IDB19CV018	TEJAS GOWDA L C
8	IDB19CV020	VANDANA D RAJ
9	IDB20CV400	CHANDANA N
10	IDB20CV404	SUDHITH S

Budlia K  
Criteria 2 coordinator (Pedagogy class)

R. A. Ramasamy G  
HOD\_CE  
Head of the Department  
Department of Civil Engineering  
Don Bosco Institute of Technology  
Bangalore



Brief Report of Subjects handled in Pedagogy classes

Name of the Subject /domain	"WORKSHOP ON MODULARITY IN KITCHEN DESIGN"
Date	12/07/2021 to 13/07/2021
Venue	Online platform
Name of the Faculty	Mr. YOGESH JAGATRAMKA
Objective	<ul style="list-style-type: none"><li>• To educate the students about the modularity in kitchen design</li><li>• To empower them about the challenges faced during the installation of the above</li><li>• To give an add on exposure about the designs in modularity.</li></ul>
Abstract of the Pedagogy class taken	In this workshop the students will be taught about the various kind of materials and finishes available in the market as per Indian standards. Modular kitchen and wardrobe is one of the most integral part of residential interiors today and there are a lot of technical skills associated with it. We teach you about kitchen and wardrobe in detail as per current trends.
Outcome of the Pedagogy class	<ul style="list-style-type: none"><li>• What is a modular kitchen?</li><li>• Different layouts of modular kitchens</li><li>• Different materials used to make modular kitchens</li><li>• Different external finishes for modular kitchens and their features</li><li>• Working spaces that need to be accommodated</li><li>• Measuring a modular kitchen</li><li>• Incorporating electrical, plumbing and tiling points</li></ul>

Budha K  
Name and signature of the Faculty

*D. J. Ramnath*  
HOD, CE  
Head of the Department  
Department of Civil Engineering  
Don Bosco Institute of Technology  
5/7/21



### Brief Report of Subjects handled in Pedagogy classes

Name of the Subject /domain	"Emerging areas, career guidance and scope in civil engineering"
Date	11/05/2021
Venue	DBIT Campus: CADD LAB
Name of the Faculty	<b>Dr. Pradeep Rajanna Hampannaver, PhD, PMP, CEng(I)</b>
Objective	<ul style="list-style-type: none"> <li>• To Enrich the students and faculty about the emerging areas in civil engineering</li> <li>• To educate and to enlighten the student about the advancements in the field of civil engineering and making them industry ready.</li> <li>• To educate the importance and scope of the civil engineering to both students and faculty.</li> </ul>
Abstract of the Pedagogy class taken	The engineering discipline that involves the design, construction and maintenance of the physical and natural environment is termed as Civil Engineering. Public works such as canals, dams, roads, bridges, sewage systems, airports, structural components of buildings, railways and pipelines are included in this. This is cited as the second oldest professional engineering discipline after military engineering. Civil Engineering has a number of sub-disciplines. Civil Engineering touches us in our day-to-day life. The foundation of our society is built by Civil Engineers. They are instrumental in designing, building and maintaining our roads and our drinking water supply. They supervise the infrastructure like bridges, dams, and tunnels etc. that are important in our daily lives. In this webinar we had discussed about the qualifications, degrees, specializations and career advancement opportunities in Civil Engineering
Outcome of the Pedagogy class	<ul style="list-style-type: none"> <li>• Students can able to learn about the new emerging trends.</li> <li>• Faculty may get an idea on which the emerging field one can focus to do the basic and fundamental research</li> <li>• One can update themselves about the current trends and recent advancements in civil engineering.</li> </ul>

*Budha K*  
Name and signature of the Faculty

*A. L. Ramnesh G*  
HOD.CE 12/3/21  
Head of the Department  
Department of Civil Engineering  
Don Bosco Institute of Technology  
Bennaluru - 560074





Brief Report of Subjects handled in Pedagogy classes

Name of the Subject /domain	"SMART SENSORS FOR INFRASTRUCTURE MONITORING"
Date	02-06-2021
Venue	Online platform
Name of the Faculty	Dr. M N HEGDE
Objective	<ul style="list-style-type: none"> <li>• To give a knowledge about how to monitor the integrity of structures and detect and pinpoint the locations of possible damages</li> <li>• To give an exposure to them about continuous monitor the integrity of structures in real-time can provide for increased safety to the public, particularly for the aging structures in widespread use today.</li> <li>• To enrich them about the detection of damage at an early stage can reduce the costs and down-time associated with repair of critical damage</li> <li>• To discuss about the need for effective is clear, with the primary goals of such systems being to enhance safety and reliability and to reduce maintenance and inspection costs</li> </ul>
Abstract of the Pedagogy class taken	The main goal of this class is to overview the "Smart" sensors with embedded microprocessors and wireless communication links have the potential to fundamentally change the way civil infrastructure systems are monitored, controlled, and maintained. Indeed, a 2002 National Research Council Report noted that the use of networked systems of embedded computers and sensors throughout society could well dwarf all previous milestones in the information revolution. However, a framework does not yet exist that can allow the distributed computing paradigm offered by smart sensors to be employed for structural health monitoring and control systems; current algorithms assume that all data is centrally collected and processed
Outcome of the Pedagogy class	<ul style="list-style-type: none"> <li>• Learn how using sensors can significantly reduce installation time by offering users the ability to put many sensors on a single channel over very long distances.</li> <li>• Learn how sensors simplify data acquisition by allowing users the capability to measure multiple parameters on a single instrumentation platform (strain, temperature, displacement, pressure, and vibration).</li> <li>• See how sensors can reduce the total cost of ownership of an SHM system by utilizing the longest-life sensors on the market today.</li> </ul>

Budhia K  
Name and signature of the Faculty

R. L. Ramareddy  
Head of the Department  
Department of Civil Engineering  
Don Bosco Institute of Technology  
Bangalore - 560074



### Brief Report of Subjects handled in Pedagogy classes

Name of the Subject /domain	"Commit to Quit"
Date	31/05/2021
Venue	Online platform
Name of the Faculty	Dr. Manohar N
Objective	<ul style="list-style-type: none"> <li>• To advocate for strong tobacco cessation policies</li> <li>• To promote increased access to cessation services</li> <li>• To raise awareness of tobacco industry tactics</li> <li>• To empower tobacco users to make successful attempts to quit through "quit &amp; win" initiatives.</li> </ul>
Abstract of the Pedagogy class taken	<p>Every year, World No Tobacco Day is observed in order to spread awareness of the dangers related to using tobacco. People around the world want to get rid of this tobacco pandemic and claim their right to health and healthy living in order to protect their future generations. So, the World Health Organization created World Tobacco day in 1987 to draw global attention to the tobacco epidemic and the preventable death and disease it causes. In 1988, the world health assembly passed a resolution calling for the celebration of World No tobacco day, every year on 31 May. The awareness on the World No Tobacco Day 2021 is on "commit to quit", which is asking millions of tobacco users to quit tobacco in the Covid-19 pandemic and sign a pledge to commit to quit today.</p>
Outcome of the Pedagogy class	<ul style="list-style-type: none"> <li>• <b>Set a quit date.</b> Giving yourself a short period to quit will keep you focused and motivated to achieve your goal. You can start quitting today!</li> <li>• <b>Tell your friends, family, and co-workers.</b> They can support you and encourage you to not give in to temptations like cravings.</li> <li>• <b>Anticipate the challenges.</b> It's important that you anticipate triggers and challenges in the upcoming attempt, particularly during the critical first few weeks.</li> <li>• <b>Remove tobacco products from his/her environment.</b> It's important to minimize exposure to cues</li> </ul>

*Burlicia K*  
Name and signature of the Faculty

*R. S. Rameesh G*  
HOD, CE  
Head of the Department 16/21  
Department of Civil Engineering  
Don Bosco Institute of Technology



### Brief Report of Subjects handled in Pedagogy classes

Name of the Subject /domain	"Steps to study abroad"
Date	08/06/2021
Venue	Online platform
Name of the Faculty	Mr. JOEL NORONHO
Objective	<ul style="list-style-type: none"> <li>• To get a idea about the admission process in abroad</li> <li>• To get an idea about the eligibility and scopes of pursuing masters in abroad.</li> <li>• To get a better idea of the cost of the programs you are considering take a look at the budget.</li> </ul>
Abstract of the Pedagogy class taken	The students are interested in postgraduate degree, but don't know exactly where to start? Simply register for a bachelor's/masters virtual information session to learn more about the different undergraduate programmes that we offer at abroad universities. In the online info session, we will give you a program overview, go through the financial aid- and scholarship opportunities available to all incoming students, and inform you about the admissions process and requirements of various universities. The webinar will focus on study avenues in key destinations, including Canada, the U.K., the U.S., Ireland, Australia, New Zealand, Sweden and Germany. It will highlight courses that are in demand, along with fee structures offered by colleges abroad, scholarship eligibility, availability of financial aid, and post-study career prospects, among other topics.
Outcome of the Pedagogy class	<ul style="list-style-type: none"> <li>• Know about all the information essential to Take admissions in abroad</li> <li>• The students will have a clear path and they will come to know about the universities and their entry levels in abroad</li> </ul>

Buckley K

Name and signature of the Faculty

*R. L. Ramoosy*  
 Head of Department  
 Department of Civil Engineering  
 Don Bosco Institute of Technology  
 Bangalore - 560074





### Brief Report of Subjects handled in Pedagogy classes

<b>Name of the Subject /domain</b>	Connect Civil Engineers to MEP Industry
<b>Date</b>	25-08-2021
<b>Venue</b>	Online platform
<b>Name of the Faculty</b>	Mr. Srinivasan
<b>Objective</b>	<ul style="list-style-type: none"><li>• To disseminate the importance of a well-coordinated design for mechanical, electrical, plumbing systems and building components</li><li>• To educate the decision making, cost estimation, construction administration, and documentation, building management, and building maintenance of MEP to the students.</li><li>• To disseminate about the importance of MEP AND empower the students with MEP skills with internship opportunity</li></ul>
<b>Abstract of the Pedagogy class taken</b>	MEP engineering (or mechanical, electrical, and plumbing) is an important and ever-expanding part of the construction industry. MEP engineers play a critical role in a project's ultimate success. They are responsible for more than simply the design and implementation of mechanical, electrical, and plumbing systems. Their work also includes the design of fire protection systems, building automation, energy consulting, and sustainable building design. They are important not only for their role in design but also for their role in assisting with audits of the project's workflow and specifications. MEP engineers greatly enhance the smooth flow of the project by serving as a centralized source of information and advice for design, purchasing, and installation decisions. They are able to bring about these benefits through ongoing input at every stage of the project's life cycle. They often assist in construction coordination and administration. Instead of isolating each separate aspect of MEP engineering, this holistic process quite naturally leads to higher efficiency, greater productivity, clearer communication, and higher standards of safety
<b>Outcome of the Pedagogy class</b>	<ul style="list-style-type: none"><li>• Knowledge about the MEP</li><li>• Internship Opportunity for students</li><li>• To learn the MEP which can provide Buildings with predictive analytics to identify areas that need to be ventilated and also to be proper plumbing and sanitation.</li></ul>

Beolha K  
Name and signature of the Faculty

*R. Srinivasan*  
Head of the Department  
Department of Civil Engineering  
Don Bosco Institute of Technology  
Bangalore - 560074



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
(NBA Accredited Department)



Date: 14/01/2021

**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 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semester students (2020-21 ODD SEMESTERS) apart from the regular classes.

7th Semester Student list for PEDAGOGY CLASS			
Sl.No	USN	NAMES	CGPA
1	1DB17CS142	SOUMYA S KAMATH	9.00
2	1DB17CS063	LEKHANA B M	8.65
3	1DB17CS092	POOJA J	8.58
4	1DB17CS145	SPOORTHI B K	8.58
5	1DB17CS017	ANJALI G	8.58
6	1DB17CS042	HARSHITA GUPTA	8.46
7	1DB17CS007	AISHWARYA ROOPGHAR	8.42
8	1DB17CS166	YASHA SRINIVAS	8.38
9	1DB17CS043	HARSHITHA SRINIVAS	8.38
10	1DB17CS103	RAHUL	8.35
11	1DB17CS069	MANORAMA VISHWAKARMA	8.31
12	1DB17CS135	SHREEVARSHINI G	8.23
13	1DB17CS096	PRAVITH P V	8.23
14	1DB17CS049	JERIN JOY	8.23
15	1DB17CS131	SHALLUM	8.19
16	1DB17CS039	DIVYASHREE N	8.19
17	1DB17CS026	BHOOMIKA U	8.15
18	1DB17CS074	MEGHASHREE	8.15
19	1DB17CS102	R MEGHA	8.15
20	1DB17CS066	MANASI DESAI	8.12
21	1DB17CS119	RIYA CHAUHAN	8.12
22	1DB17CS035	DEEKSHA P	8.08
23	1DB17CS038	DHANUSH KUMAR S	8.08
24	1DB17CS004	ADARSH C J	8.08
25	1DB17CS022	ASIYA BANU	8.04
26	1DB17CS058	KOMALA M	8.04
27	1DB17CS075	MEGHANA V	8.04
28	1DB17CS047	JAGADAMBIKA N	8.00
29	1DB17CS023	BHAVANA S RAM	8.00
30	1DB17CS077	RAKSHA N	8.00
31	1DB17CS093	POOJA J SHETTY	8.00
32	1DB17CS014	AMRUTHA D A	8.00



5 <sup>th</sup> Semester Student list for PEDAGOGY CLASS			
Sl.No	USN	NAMES	CGPA
1	1DB18CS118	SANDESH TIWARI S	9.42
2	1DB18CS048	DIVYASHREE R	9.13
3	1DB18CS104	RAKSHITHA V	9.00
4	1DB18CS113	ROOPINI P	9.00
5	1DB18CS119	SANGEETH B	8.92
6	1DB18CS071	KAVYA V	8.71
7	1DB18CS112	ROMIKA RANI	8.71
8	1DB18CS096	PRETTY JOYCE G	8.67
9	1DB18CS029	BHARATH N	8.67
10	1DB18CS128	SHARATH N	8.67
11	1DB18CS018	ANUSHREE P NAIR	8.63
12	1DB18CS167	ANNAPOORNESHWARI N G	8.58
13	1DB18CS151	THEJESH P	8.54
14	1DB18CS121	SANJANA M	8.5
15	1DB18CS078	MANJUNATH R S	8.5
16	1DB18CS024	ATHIRAKRISHNAN R	8.42
17	1DB18CS081	MONISHA A	8.38
18	1DB18CS011	AKSHATHA V TUNGA	8.38
19	1DB18CS070	KAVYA G	8.38
20	1DB18CS031	BHAVANA B P	8.29
21	1DB18CS027	B SAI CHARAN	8.25
22	1DB18CS005	AISHWARYA M N	8.21
23	1DB18CS103	RAKSHITHA G J	8.21
24	1DB18CS130	SHETTY SUNENA RAJEEV	8.17
25	1DB18CS062	HITHASHREE K	8.17
26	1DB18CS020	ARCHANA E	8.17
27	1DB18CS091	NITHESH B	8.13
28	1DB18CS041	CHETAN CHIRAG K H	8.13
29	1DB18CS084	NAKKALA PAVAN KUMAR REDDY	8.04
30	1DB18CS006	AISHWARYA MAIYA	8.04
31	1DB18CS102	RAKSHITH GOWDA R	8.00

3rd Semester Student list for PEDAGOGY CLASS				
Sl. No	USN	Name of the Student	MARKS	SGPA
1	1DB19CS005	AHANA SARKAR	717	90
2	1DB19CS064	KANU SHREE N	716	90
3	1DB19CS024	BHOOMIKA B POOJARI	711	89
4	1DB19CS028	BRUNDHA B S	708	89
5	1DB19CS160	VEENA C J	706	88
6	1DB19CS080	LIKHITHA B H	695	87
7	1DB19CS141	SNEHA	691	86
8	1DB19CS101	PARVATHI K	687	86
9	1DB19CS096	NETHRAVATHI B	686	86



10	1DB19CS098	NUMA NAVAL	682	85
11	1DB19CS153	TAMANNA SINGH	677	85
12	1DB19CS111	PRIYA KUMARI	675	84
13	1DB19CS154	TEJASWINI L	674	84
14	1DB19CS049	G S SUDEEP	673	84
15	1DB19CS036	CHITRA RAJSHEKAR	668	84
16	1DB19CS056	GURUPRASAD S R	667	83
17	1DB19CS158	VARSHA S	664	83
18	1DB19CS123	SAHANA K	662	83
19	1DB19CS057	HARSH RATHI	661	83
20	1DB19CS058	HARSHITHA H	659	82

  
 Criteria 2 Coordinator (Pedagogy class)  
 Prof. Santhoshkumar G

  
 H.O.D.  
 Dept. of Computer Science & Engg.  
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 Kumbalgodu, Bangalore - 74



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
(NBA Accredited Department)



Date: 14/01/2021

**CIRCULAR**

It is to inform to the students that the special classes will be conducted for 5<sup>th</sup>, 3<sup>rd</sup> and 7<sup>th</sup> 2020-2021 ODD semester students between 3pm to 5pm. These add-on classes will be beneficial to the students to develop better insight of subjects and applications in current trends. Interested students can benefit from this opportunity.

**5<sup>th</sup> Semester**

<i>Date &amp; Time</i>	<i>3-4pm</i>	<i>4-5pm</i>
18/1/2021	How is Everything Object in Python?	Comprehension (Multiple and Nested)
19/1/2021	Generators and Iterators Protocol.	Generators and Iterators Protocol.
20/1/2021	Closures and Decorators.	Context Managers.
21/1/2021	@staticmethod and @classmethod.	Extended Keyword Arguments (*args, **kwargs)
22/1/2021	Inheritance and Encapsulation.	Inheritance and Encapsulation.

**3<sup>rd</sup> Semester**

<i>Date &amp; Time</i>	<i>3-4pm</i>	<i>4-5pm</i>
18/1/2021	Data structure: Generic Linked List	Memory efficient doubly linked list, XOR linked List
19/1/2021	Self-Organizing Linked List	Skipped List, Unrolled Linked List
20/1/2021	Segment tree, Binary indexed tree	Tree: Tiers - Introduction and Practice Problems
21/1/2021	B/B+ Tress	B/B+ Tress
22/1/2021	Dynamic Graphs	Dynamic Graphs
23/1/2021	Hashing	Hashing

7<sup>th</sup> Semester

<i>Date &amp; Time</i>	<i>3-4pm</i>	<i>4-5pm</i>
18/1/2021	Introduction to HTML5	Hands on to HTML5
19/1/2021	Introduction to CSS3	Hands on to CSS3
20/1/2021	Coding the Static Restaurant Site	Hands on to Coding the Static Restaurant Site
21/1/2021	Introduction to Java Script	Hands on to Java Script
22/1/2021	Using Java Script to Build Web Applications	Hands on to Web Applications

  
14/01/21  
Criteria 2 Coordinator

  
14/1/21  
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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
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Brief Report of Subjects handled in Pedagogy classes

Department: CSE

Name of the Subject /domain	Data Structure and Application
Date	18/1/2021 to 23/1/2021
Venue	A 336
Name of the Faculty	Hemalatha M
Objective	The main objective is <ul style="list-style-type: none"><li>• The students shall be taught topics on data structure using c language Concepts</li><li>• including both theory and practical approach sessions.</li><li>• Students will learn graphs applications and implementation</li><li>• Students will learn linked list implementation</li><li>• Students will learn trees and files concepts</li></ul>
Abstract of the Pedagogy class taken	Data structure; Generic Linked List Memory efficient doubly linked list, XOR linked List, Self-Organizing Linked ListSkipped List, Unrolled Linked List, Segment tree, Binary indexed treeTree: Tiers - Introduction and Practice Problems B+ Trees, Dynamic Graph and Hashing
Outcome of the Pedagogy class	The student will be able to: <ul style="list-style-type: none"><li>• Understand the concept of Data structure and programming skills in C language</li><li>• Understand and use of linked list, trees, graphs implementation in C language</li><li>• Understand the concept of Hashing</li></ul>

*Hemalatha M* 15/1/2021  
Name and signature of the Faculty  
Hemalatha M

*Hemalatha M*  
HOD, CSE  
Dept. of Computer Science & Engg  
DON BOSCO Institute of Technolog  
Kumbalgodu, Bangalore - 74.



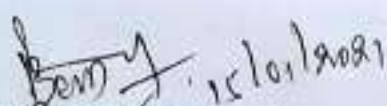
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
(NBA Accredited Department)



Brief Report of Subjects handled in Pedagogy classes

Department: CSE

Name of the Subject /domain	Advanced Python Programming
Date	18/1/2021 to 22/1/2021
Venue	A 337
Name of the Faculty	Dr. Manjunathaswamy
Objective	<p>When students complete Intro to Programming with Python, they will be able to:</p> <ul style="list-style-type: none"><li>• Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions</li><li>• Work with user input to create fun and interactive programs</li><li>• Create simple games with images, animations, and audio using our custom beginner-friendly programming library, Wizardlib</li></ul>
Outcome of the Pedagogy class	<p>The student will be able to:</p> <ul style="list-style-type: none"><li>• Be able to program decorators, closures, lambda, and list comprehensions</li><li>• Understand how iterators and generators work</li><li>• Learn modern data structures to include collections, array, and queues</li><li>• Use platform independent file manipulation, file pattern matching</li><li>• Be able to work with string files</li><li>• Know how to use the Request module</li><li>• Know how to use threads and multiprocessing</li></ul>

  
Name and signature of the faculty  
MANJUNATHASWAMY

  
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DON BOSCO Institute of Technolog  
Kumbalgodu, Bangalore - 74.




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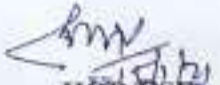


Brief Report of Subjects handled in Pedagogy classes

Department: CSE

Name of the Subject /domain	Web Technology using HTML, CSS and Java Script
Date	18/1/2021 to 23/1/2021
Venue	A 335
Name of the Faculty	Prof. Rohini B R
Objective	<p><b>The main objective is</b></p> <p>This course is intended to teach the basics involved in publishing content on the World Wide Web. This includes the 'language of the Web' – HTML, the fundamentals of how the Internet and the Web function, a basic understanding of graphic production with a specific stress on creating graphics for the Web, and a general grounding introduction to more advanced topics such as programming and scripting. This will also expose students to the basic tools and applications used in Web publishing.</p>
Outcome of the Pedagogy class	<p>The student will be able to:</p> <ul style="list-style-type: none"><li>Analyze a web page and identify its elements and attributes.</li><li>Create web pages using XHTML and Cascading Style Sheets.</li><li>Build dynamic web pages using JavaScript (Client side programming).</li><li>Create XML documents and Schemas.</li><li>Build interactive web applications using AJAX.</li></ul>

  
Name and signature of the Faculty  
ROHINI B R.

  
HOD, CSE.  
Dept. of Computer Science & Engg.  
DON BOSCO Institute of Technolog  
Kumbalgodu, Bangalore - 74





**DON BOSCO INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



3rd Semester

ACADEMIC YEAR : 2020-2021

Sl No	USN	Name of the Student	18-01-2021	19-01-2021	20-01-2021	21-01-2021	22-01-2021	23-01-2021
1	1DB19CS005	AHANA SARKAR						
2	1DB19CS064	KANU SHREE N						
3	1DB19CS024	BHOOMIKA B POOJARI						
4	1DB19CS028	BRUNDHA B S						
5	1DB19CS160	VEENA C J						
6	1DB19CS080	LIKHITHA B H						
7	1DB19CS141	SNEHA						
8	1DB19CS101	PARVATHI K						
9	1DB19CS096	NETHRAVATHI B						
10	1DB19CS098	NUMA NAVAL						
11	1DB19CS153	TAMANNA SINGH						
12	1DB19CS111	PRIYA KUMARI						
13	1DB19CS154	TEJASWINI L						
14	1DB19CS049	G S SUDEEP						
15	1DB19CS036	CHITRA RAJSHEKAR						
16	1DB19CS056	GURUPRASAD S R						
17	1DB19CS158	VARSHA S						
18	1DB19CS123	SAHANA K						
19	1DB19CS057	HARSH RATHI						
20	1DB19CS058	HARSHITHA H						

*CA*  
24/1/21  
NAAC 2 Coordinator

*HOD*  
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Dept. of Computer Science & Engg.  
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Kumbalgodu, Bangalore - 74.



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



5th Semester

ACADEMIC YEAR : 2020-2021

Sl.No	USN	NAMES	18-01-2021	19-01-2021	20-01-2021	21-01-2021	22-01-2021
1	IDB18CS118	SANDESH TIWARI S	P	P	P	P	P
2	IDB18CS048	DIVYASHREE R	P	P	P	P	P
3	IDB18CS104	RAKSHITHA V	P	P	P	P	P
4	IDB18CS113	ROOPINI P	P	P	P	P	P
5	IDB18CS119	SANGEETH B	P	P	P	P	P
6	IDB18CS071	KAVYA V	P	P	P	P	P
7	IDB18CS112	ROMIKA RANI	P	P	P	P	P
8	IDB18CS096	PRETTY JOYCE G	P	P	P	P	P
9	IDB18CS029	BHARATH N	P	P	P	P	P
10	IDB18CS128	SHARATH N	P	P	P	P	P
11	IDB18CS018	ANUSHREE P NAIR	P	P	P	P	P
12	IDB18CS167	ANNAPOORNESHW	P	P	P	P	P
13	IDB18CS151	THEJESH P	P	P	P	P	P
14	IDB18CS121	SANJANA M	P	P	P	P	P
15	IDB18CS078	MANJUNATH R S	P	P	P	P	P
16	IDB18CS024	ATHIRAKRISHNAN	P	P	P	P	P
17	IDB18CS081	MONISHA A	P	P	P	P	P
18	IDB18CS011	AKSHATHA V	P	P	P	P	P
19	IDB18CS070	KAVYA G	P	P	P	P	P
20	IDB18CS031	BHAVANA B P	P	P	P	P	P
21	IDB18CS027	B SAI CHARAN	P	P	P	P	P
22	IDB18CS005	AISHWARYA M N	P	P	P	P	P
23	IDB18CS103	RAKSHITHA G J	P	P	P	P	P
24	IDB18CS130	SHETTY SUNENA	P	P	P	P	P
25	IDB18CS062	HITHASHREE K	P	P	P	P	P
26	IDB18CS020	ARCHANA E	P	P	P	P	P
27	IDB18CS091	NITHESH B	P	P	P	P	P
28	IDB18CS041	CHETAN CHIRAG K	P	P	P	P	P
29	IDB18CS084	NAKKALA PAVAN	P	P	P	P	P
30	IDB18CS006	AISHWARYA	P	P	P	P	P
31	IDB18CS102	RAKSHITH GOWDA	P	P	P	P	P

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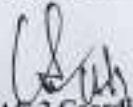
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



7th Semester

ACADEMIC YEAR : 2020-2021

Sl.No	USN	NAMES	Attendance Date				
			18-01-2022	19-01-2022	20-01-2022	21-01-2022	22-01-2022
1	1DB17CS142	SOUMYA S KAMATH	P	P	P	P	P
2	1DB17CS063	LEKHANA B M	P	P	P	P	P
3	1DB17CS092	POOJA J	P	P	P	P	P
4	1DB17CS145	SPOORTHI B K	P	P	P	P	P
5	1DB17CS017	ANJALI G	P	P	P	P	P
6	1DB17CS042	HARSHITA GUPTA	P	P	P	P	P
7	1DB17CS007	AISHWARYA ROOPGHAR	P	P	P	P	P
8	1DB17CS166	YASHA SRINIVAS	P	P	P	P	P
9	1DB17CS043	HARSHITHA SRINIVAS	P	P	P	P	P
10	1DB17CS103	RAHUL	P	P	P	P	P
11	1DB17CS069	MANORAMA VISHWAKARMA	P	P	P	P	P
12	1DB17CS135	SHREEVARSHINI G	P	P	P	P	P
13	1DB17CS096	PRAVITH P V	P	P	P	P	P
14	1DB17CS049	JERIN JOY	P	P	P	P	P
15	1DB17CS131	SHALLUM	P	P	P	P	P
16	1DB17CS039	DIVYASHREE N	P	P	P	P	P
17	1DB17CS026	BHOOMIKA U	P	P	P	P	P
18	1DB17CS074	MEGHASHREE	P	P	P	P	P
19	1DB17CS102	R MEGHA	P	P	P	P	P
20	1DB17CS066	MANASI DESAI	P	P	P	P	P
21	1DB17CS119	RIYA CHAUHAN	P	P	P	P	P
22	1DB17CS035	DEEKSHA P	P	P	P	P	P
23	1DB17CS038	DHANUSH KUMAR S	P	P	P	P	P
24	1DB17CS004	ADARSH C J	P	P	P	P	P
25	1DB17CS022	ASIYA BANU	P	P	P	P	P
26	1DB17CS058	KOMALA M	P	P	P	P	P
27	1DB17CS073	MEGHANA V	P	P	P	P	P
28	1DB17CS047	JAGADAMBIKA N	P	P	P	P	P
29	1DB17CS023	BHAVANA S RAM	P	P	P	P	P
30	1DB17CS077	RAKSHA N	P	P	P	P	P
31	1DB17CS093	POOJA J SHETTY	P	P	P	P	P
32	1DB17CS014	AMRUTHA D A	P	P	P	P	P

  
NAAC 2 Coordinator

  
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Kumbalগুডু, Bangalore - 74





# Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

Department of Electronics and Communication Engineering

(Accredited by NBA & Permanently affiliated to VTU)



Date: 11/01/2021

## CIRCULAR

It is to inform to the students that the special classes will be conducted for 3<sup>rd</sup> and 5<sup>th</sup> 2020-2021 odd semester students between 3pm to 5pm. These add-on classes will be beneficial to the students to develop better insight of subjects and applications in current trends. Interested students can benefit from this opportunity.

### 5<sup>th</sup> SEM

Date & Time	3-4pm	4-5pm
14/01/2021	Introduction to Machine learning concepts	Introduction to Machine learning concepts
21/01/2021	Basic of Python using google colab tool	Basic of Python using google colab tool
28/01/2021	Basic of Python using google colab tool	Basic of Python using google colab tool

### 3<sup>rd</sup> SEM

Date & Time	3-4pm	4-5pm
14/01/2021	Circuit simulator	Circuit simulator
21/01/2021	PSpice	PSpice
28/01/2021	PSpice	PSpice

*Handwritten signature*  
COORDINATOR 11/01

*Handwritten signature*  
11/01/2021

HOD-EC

Professor & H.O.D.

Dept. of Electronics & Communication Engg.  
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Kumbalagode, BANGALORE-560 076



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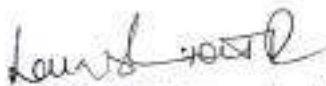
Date:11/01/2021

### 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 3<sup>rd</sup>, 5<sup>th</sup> semester students (2020-21 ODD SEMESTERS) apart from the regular classes.

3rd SEM Student list for PEDAGOGY CLASS			
SLNo	USN	NAMES	CGPA
1	1DB19EC014	B S JAYANTH	10.00
2	1DB19EC040	DHARSHANIKA A N	9.75
3	1DB19EC061	KAVYA R	9.75
4	1DB19EC087	NUTHAN Y J	9.68
5	1DB19EC024	BRUNDA R	9.63
6	1DB19EC020	BHASKAR M	9.55
7	1DB19EC016	BARATH V G	9.55
8	1DB19EC048	HARSHITHA P	9.45
9	1DB19EC115	SATHYA R	9.15
10	1DB19EC066	KISHORE V	9.15
11	1DB19EC009	ANANYA V	9.03
12	1DB19EC083	NAMRATHA M	8.95
13	1DB19EC092	PRAMODH H R	8.95
14	1DB19EC023	BHOOMIKA S	8.95
15	1DB19EC125	SUDHANVA N PRASAD	8.90
16	1DB19EC128	SURAJ S	8.83
17	1DB19EC082	NAMITHA S R	8.78
18	1DB19EC105	RASHMI S	8.75
19	1DB19EC084	NAMRATHA S	8.73
20	1DB19EC069	KUSUMA S JAIKANT	8.60

5 <sup>th</sup> SEM Student list for PEDAGOGY CLASS			
Sl.No	USN	NAMES	CGPA
1	1DB18EC089	PAVAN N	9.44
2	1DB18EC083	NISHA SHREE S	9.31
3	1DB18EC037	GURUPRASAD G	9.01
4	1DB18EC065	MANASI R S	8.99
5	1DB18EC116	RUCHIRA B BHAT	8.93
6	1DB18EC055	KEERTHANA K	8.90
7	1DB18EC101	R PRAJWAL GOWDA	8.89
8	1DB18EC128	SHAMANTH M H	8.80
9	1DB18EC060	KOTRESH T V	8.56
10	1DB18EC163	YOGESH M H	8.56
11	1DB18EC098	PRAVEEN P	8.64
12	1DB18EC063	LIKITHA ARJUN K	8.53
13	1DB18EC133	SHIVARAJ P	8.40
14	1DB18EC097	PRATHIKSHA P	8.42
15	1DB18EC155	VARSHINI U	8.38
16	1DB18EC102	R YASHAS	8.45
17	1DB18EC154	V YESHWANTH	8.13
18	1DB18EC104	RACHANA M	8.46
19	1DB18EC068	MANOJ B R	8.26
20	1DB18EC066	MANJU SWAROOP	8.28

  
 COORDINATOR 11/01/2021

  
 11/01/2021  
 HOD-ECE

**Professor & H.O.D.**  
 Dept. of Electronics & Communication  
**IGN ROSCO INSTITUTE OF TECHNOLOGY**  
 Carmeladevalli, BANGALORE-560 076





# Don Bosco Institute of Technology, Bangalore

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Department of Electronics and Communication Engineering

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## Brief Report of Subjects handled in Pedagogy classes: ODD Semester 2020-21

Name of the Subject /domain	Circuit simulator for 3 <sup>rd</sup> Semester students
Date	14/01/2021
Venue	DBIT ,Bangalore
Name of the Faculty	Shubha G N
Objective	Electronic circuit simulator that runs in the browser. This app lets you simulate the behaviour of arbitrary electrical circuits. The Circuit Simulator and Editor
Abstract of the Pedagogy class taken	<p>This tool is an electronic circuit simulator that runs in the browser. This tool used to simulate the behaviour of arbitrary electrical circuits. You can add volt meters and ammeters to your circuit to see where currents are flowing.</p> <p>It's an excellent tool for both students and electronic enthusiasts. Its design is based on colours that can indicate for example positive or negative voltage, and allows you to build simple circuits with mouse clicks circuits discussed are Basics Ohms law, Resistor, Capacitors, inductor connection, LRC circuits, Voltage divider, Potentiometer, Potentiometer divider, Thevenin's Theorem, Norton's theorem. It is used design, analyse and test a circuit virtually in a browser. This tool simulates the behaviour of an electronic device/circuit, it is cheaper, quicker and often more practical to simulate a circuit than to physically build one.</p>
Outcome of the Pedagogy class	The automated version permits students to design converter circuits that meet a set of design criteria. The performance of various designs is tested by plotting the current and voltage waveforms using the graphics postprocessor.

Name and signature of the Faculty

HOD, ECE

Professor & H.O.D.

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Kambalaguda, BANGALORE-560 076




**Don Bosco Institute of Technology, Bangalore**  
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Brief Report of Subjects handled in Pedagogy classes: ODD Semester 2020-21

Name of the Subject /domain	PSpice for 3 <sup>rd</sup> semester students
Date	21/01/2021, 28/01/2021
Venue	DBIT ,Bangalore
Name of the Faculty	R C Patil
Objective	PSpice is used to deepen the student understanding of power electronics and to serve as a design tool for power converter circuits. A primary purpose of this lab is for student to become familiar with the use of PSpice and to learn to use it, to assist you in the analysis of power electronics circuits. This is an introduction to PSpice a library that includes automated versions of dc/dc converters and rectifiers is built in PSpice using ideal switches.
Abstract of the Pedagogy class taken	Gave insights on PSpice overview. The topics covered are as follows PSpice overview, Comparison of the different versions of PSpice, Limits of PSpice A/D Lite, Minimum hardware requirements for running in PSpice, In PSpice the program we run in order to draw circuit schematics is called CAPTURE. The program that will let us run simulations and see graphic results is called PSpice. There are a lot of things we can do with PSpice, but the most important things for you to learn are Design and draw circuits, simulate circuits, analyze simulation results, Preparing your design for simulation. Task performed are Plotting ,Adding traces, Adding plots, Marking and labeling points, Tracing lines.
Outcome of the Pedagogy class	The automated version permits students to design converter circuits that meet a set of design criteria. The performance of various designs is tested by plotting the current and voltage waveforms using the graphics postprocessor Probe. The library was introduced to students in a power electronics course.

Name and signature of the Faculty

  
28/01/21

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## Department of Electronics and Communication Engineering

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Sl.No	USN	NAMES	1	2	3
SEMESTER : 3			19/01	21/01	22/01
1	IDB19EC014	B S JAYANTH	1	2	3
2	IDB19EC040	DHARSHANIKA A N	A	1	2
3	IDB19EC061	KAVYA R	1	2	3
4	IDB19EC087	NUTHAN Y J	1	2	3
5	IDB19EC024	BRUNDA R	1	2	3
6	IDB19EC020	BHASKAR M	1	2	3
7	IDB19EC016	BARATH V G	1	A	2
8	IDB19EC048	HARSHITHA P	1	2	3
9	IDB19EC115	SATHYA R	1	2	3
10	IDB19EC066	KISHORE V	1	2	3
11	IDB19EC009	ANANYA V	1	2	3
12	IDB19EC083	NAMRATHA M	1	2	3
13	IDB19EC092	PRAMODH H R	1	2	3
14	IDB19EC023	BHOOMIKA S	1	2	3
15	IDB19EC125	SUDHANVA N PRASAD	1	2	3
16	IDB19EC128	SURAJ S	1	2	3
17	IDB19EC082	NAMITHA S R	1	2	3
18	IDB19EC105	RASHMI S	1	2	3
19	IDB19EC084	NAMRATHA S	1	2	A
20	IDB19EC069	KUSUMA S JAIKANT	1	2	3
		SIGN			





## Don Bosco Institute of Technology, Bangalore

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### Brief Report of Subjects handled in Pedagogy classes: ODD Semester 2020-21

Name of the Subject /domain	Introduction Machine learning concepts for algorithm implementation 5 <sup>th</sup> semester students
Date	14/01/2021
Venue	DBIT ,Bangalore
Name of the Faculty	Bhavya A B
Objective	Colaboratory, or "Colab" for short, is a product from Google Research. Colab allows anybody to write and execute arbitrary python code through the browser, and is especially well suited to machine learning, data analysis and education.
Abstract of the Pedagogy class taken	Insights on Machine Learning (ML) Concepts such as Training and Prediction of Machine with algorithm, classification of ML as Supervised, Unsupervised with its multi label learning correlated with real time examples and Applications related to real time examples. Further explained about different classifiers and Models with optimization and Gradient descent algorithm linear regression logistic regression, decision tree, random forest, support vector machine algorithm. The resource person made students familiarize and to get start with online Machine Learning tool "Colab" – A free online coding platform.
Outcome of the Pedagogy class	Google Colab is a free cloud service hosted by Google to encourage Machine Learning and Artificial Intelligence research, where often the barrier to learning and success is the requirement of tremendous computational power

Name and signature of the Faculty

*Bhavya A B*  
15/01/2021

*[Signature]*  
15-01-2021

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### Brief Report of Subjects handled in Pedagogy classes: ODD Semester 2020-21

Name of the Subject domain	Basic of Python using google colab tool for 5 <sup>th</sup> semester students
Date	21/01/2021, 28/01/2021
Venue	DBIT, Bangalore
Name of the Faculty	R.C. Patil
Objective	Python is a great programming language that supports OOP. You will use it to define a class with <b>attributes</b> 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 follows 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

  
28/01/21  
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Sl.No	USN	NAMES	1	2	3
SEMESTER : 5			14/01	21/01	28/01
1	1DB18EC089	PAVAN N	1	2	3
2	1DB18EC083	NISHA SHREE S	1	2	3
3	1DB18EC037	GURUPRASAD G	1	2	3
4	1DB18EC065	MANASI R S	1	2	3
5	1DB18EC116	RUCHIRA B BHAT	1	A	2
6	1DB18EC055	KEERTHANA K	1	2	3
7	1DB18EC101	R PRAJWAL GOWDA	1	2	3
8	1DB18EC128	SHAMANTH M H	1	2	3
9	1DB18EC060	KOTRESH T V	1	2	3
10	1DB18EC163	YOGESH M H	1	2	3
11	1DB18EC098	PRAVEEN P	1	2	3
12	1DB18EC063	LIKITHA ARJUN K	1	2	3
13	1DB18EC133	SHIVARAJ P	1	2	3
14	1DB18EC097	PRATHIKSHA P	1	2	3
15	1DB18EC155	VARSHINI U	1	2	3
16	1DB18EC102	R YASHAS	1	2	3
17	1DB18EC154	V YESHWANTH	1	2	3
18	1DB18EC104	RACHANA M	1	2	3
19	1DB18EC068	MANOJ B R	1	2	3
20	1DB18EC066	MANJU SWAROOP	1	2	3
		SIGN			





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**Department of Electrical & Electronics Engineering**



Date: 16<sup>th</sup> October 2020

**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. These classes are scheduled for 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semester students (2020-21 ODD SEMESTERS) apart from the regular classes.

7th SEM Student list for PEDAGOGY CLASS		
SL NO	USN	NAMES
1	1DB17EE001	A Jahnavi
2	1DB17EE011	J B Divya Bai Salanke
3	1DB17EE050	Sneha V
4	1DB17EE022	Madhurya L
5	1DB17EE032	Palaksh M S
6	1DB17EE043	Santhosh Kumar
7	1DB17EE051	Tejaswini A R
8	1DB17EE019	Likhitha G
9	1DB17EE053	Vasundhara M R
10	1DB17EE052	Varalaksmi R
11	1DB17EE009	Hemanth Gowda
12	1DB17EE021	Madhura B
13	1DB17EE007	Ganesh A S
14	1DB17EE037	Radhika A
15	1DB17EE035	Priyanka R L
16	1DB17EE049	Sneha N
17	1DB17EE042	Sanjana G N
18	1DB17EE056	Yashas Raju R
19	1DB17EE018	Likitha D
20	1DB17EE004	Chandru R

5th SEM Student list for PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	1DB18EE030	Rojin Rajan
2	1DB18EE019	Madhura K
3	1DB18EE025	Nivitha N M
4	1DB18EE031	Ruchitha Ramesh D R
5	1DB18EE041	Ullas A
6	1DB18EE001	Aamir Sidque
7	1DB18EE010	Deepika G
8	1DB18EE021	Monika V
9	1DB18EE039	Suchithra V C
10	1DB18EE040	Thashwin Gowda M
11	1DB18EE014	Hemavathi K S
12	1DB18EE029	Rohan M C

13	1DB18EE035	Samvedh S
14	1DB18EE038	Sreeraj Gupta Y S
15	1DB19EE409	Lavanya H S
16	1DB18EE043	Veerendragowda R K
17	1DB18EE022	N Tejas
18	1DB18EE018	M V Shashank Yadav
19	1DB18EE016	Jeevitha S
20	1DB18EE003	Akash R

3 <sup>rd</sup> SEM Student list for PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	1DB19EE003	Chithrashree K S
2	1DB19EE019	Niveditha R
3	1DB19EE002	Antony Jenith J
4	1DB19EE029	Varsha Narayan
5	1DB19EE012	Kavya B S
6	1DB19EE008	Dinesh Kumar H R
7	1DB19EE015	Krithika Golhani
8	1DB19EE025	Shekar G
9	1DB19EE013	Kiran R D
10	1DB19EE011	Harish E
11	1DB19EE014	Kowshtubha M
12	1DB19EE004	Daniel Denis Rocha
13	1DB19EE007	Dhanyashree S
14	1DB19EE001	Akshay A
15	1DB19EE016	M Pavankumar

*Saravanan*  
16/10/20  
Co-ordinator

*[Signature]*  
16/10/2020  
HOD-EEE

Head of the Department  
Dept. of Electrical & Electronics Engg.  
JSS Institute of Tech



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**Department of Electrical & Electronics Engineering**

Date: 16<sup>th</sup> Oct 2020

**Special Seminars for Advanced Learners**

7<sup>th</sup> semester

Date/Time	2:30 PM – 4:00 PM
21/10/2020	Advanced Control Systems
22/10/2020	Advanced Control Systems
23/10/2020	Advanced Control Systems

5<sup>th</sup> semester

Date/Time	2:30 PM – 4:00 PM
25/11/2020	Advance Power Electronics – Design & Simulation
26/11/2020	Advance Power Electronics – Design & Simulation
27/11/2020	Advance Power Electronics – Design & Simulation

3<sup>rd</sup> Semester

Date/Time	2:30 PM – 4:00 PM
07/12/2020	Simulation of Analog and Digital Electronics Circuits.
08/12/2020	Simulation of Analog and Digital Electronics Circuits.
09/12/2020	Simulation of Analog and Digital Electronics Circuits.

*Shanika*  
16/10/20  
Signature of the Coordinator

*[Signature]*  
16/10/2020  
Signature of HOD  
Head of the Department  
Department of Electrical & Electronics Engineering  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road, Bengaluru - 560074





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**Department of Electrical & Electronics Engineering**

Brief Report of Subjects handled in Pedagogy classes

Department: EEE

Semester: III

<b>Name of the Subject /domain</b>	<b>Simulation of Analog and Digital Electronics Circuits</b>
<b>Date</b>	7 <sup>th</sup> December to 9 <sup>th</sup> December 2020
<b>Venue</b>	Online
<b>Name of the Faculty</b>	Mrs. Sharmila R S & Mr. Rajath Shankar P S
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To introduce various simulation tools available for Analog and Digital Electronics Circuits.</li><li>2. To Design and simulate Analog and Digital Electronics Circuits based on diodes, transistors, amplifiers, Filters, gates, adders, subtractors, registers, counters.</li></ol>
<b>Abstract of the Pedagogy class taken</b>	This is system design course aimed to provide exposure to various simulation tools available for Analog and Digital Electronics Circuits. Analog as well as digital circuits are integral part of any electronic system and this course provides the analysis, design and simulation of diodes, transistors, amplifiers, Filters, gates, adders, subtractors, registers, counters.
<b>Outcome of the Pedagogy class</b>	At the end of the course, students will be able to <ol style="list-style-type: none"><li>1. Understand the various simulation tools available for design of analog &amp; digital circuits available.</li><li>2. Design and simulate circuits based on diodes, transistors, amplifiers, Filters, gates, adders, subtractors, registers, counters.</li></ol>

*Sharmila R S*  
*Rajath*  
16/10/20  
Signature of the Faculty

*Rajath*  
16/10/2020  
HOD-EEE

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**Department of Electrical & Electronics Engineering**



Brief Report of Subjects handled in Pedagogy classes

Department: EEE

Semester: V

<b>Name of the Subject /domain</b>	Advance Power Electronics- Design & Simulation
<b>Date</b>	25 <sup>th</sup> November to 27 <sup>th</sup> November 2020
<b>Venue</b>	Online
<b>Name of the Faculty</b>	Dr. Prakash P K & R Santhosh Kumar
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To analyze and design various DC-DC converters and Inverters.</li><li>2. To Simulate the DC-DC Converters and Inverters.</li></ol>
<b>Abstract of the Pedagogy class taken</b>	Power electronic circuits are used to convert electrical power from one form to another form efficiently, which suits the application characteristics. Nowadays Power electronics plays an important role in automobiles industries, renewable energy power generation, motor control drives, electronic devices like laptops, TV etc. in this course students will be studying the depth analysis and design of various converters like dc –dc converters, multilevel inverters etc. the students also taught to simulate these power electronics circuits.
<b>Outcome of the Pedagogy class</b>	At the end of the course, the students will be able to <ol style="list-style-type: none"><li>1. Analyze and design various DC-DC converters and Inverters.</li><li>2. Simulate the DC-DC converters and Inverters.</li></ol>

P.K. Me 16/10/20  
R. Se 16/10/20  
Signature of the Faculty

HOD-EEE  
16/10/2020  
Head of the Department  
Dept of Electrical & Electronics Engg.  
Don Bosco Institute of Technology  
Kumbalagodu, Bengaluru - 560074



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**Department of Electrical & Electronics Engineering**

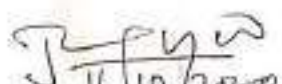


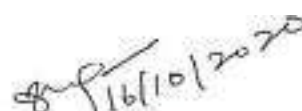
Brief Report of Subjects handled in Pedagogy classes

Department: EEE

Semester: VII

<b>Name of the Subject /domain</b>	Advanced Control Systems
<b>Date</b>	21 <sup>st</sup> October to 23 <sup>rd</sup> October 2020
<b>Venue</b>	Online
<b>Name of the Faculty</b>	Dr. Ramesh Kumar V
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To understand the concept of state variables</li><li>2. To Design system under linear time invariant system both in continuous and discrete time system.</li><li>3. To study about pole placement and nonlinear system.</li></ol>
<b>Abstract of the Pedagogy class taken</b>	It provides an overview about advance research in the field of control system with respect to design and application. It gives an idea about development of state models for linear continuous – time and discrete – time systems. Application vector and matrix algebra helps to find the solution of state equations for linear continuous – time and discrete – time systems. It gives overview about controllability and observability of a system and test for controllability and observability of a given system. Designing of pole assignment and state observer using state feedback. Finally gives insight about design and development of non-linear system.
<b>Outcome of the Pedagogy class</b>	At the end of the course, students will be able to <ol style="list-style-type: none"><li>1. Discuss state variable approach for linear time invariant systems in both the continuous and discrete time systems.</li><li>2. Design pole assignment and state observer using state feedback.</li><li>3. Develop the describing function for the nonlinearity present to assess the stability of the system.</li></ol>

  
Signature of the Faculty

  
HOD-EEE  
Head of the Department  
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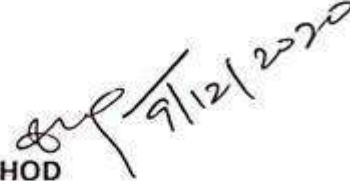
**Department of Electrical & Electronics Engineering**

**Attendance for PEDAGOGY CLASS**

**Sem - 3th**

**Courses: Simulation of Analog and Digital Electronics Circuits.**

Sl.No	USN	NAMES	07-12-2020	08-12-2020	09-12-2020
1	1DB19EE003	Chithrashree K S	1	2	3
2	1DB19EE019	Niveditha R	1	2	3
3	1DB19EE002	Antony Jenith J	1	2	3
4	1DB19EE029	Varsha Narayan	1	2	3
5	1DB19EE012	Kavya B S	1	2	2
6	1DB19EE008	Dinesh Kumar H R	1	2	3
7	1DB19EE015	Krithika Golhani	1	2	3
8	1DB19EE025	Shekar G	1	2	3
9	1DB19EE013	Kiran R D	1	1	2
10	1DB19EE011	Harish E	1	2	3
11	1DB19EE014	Kowshtubha M	0	1	2
12	1DB19EE004	Daniel Denis Rocha	1	2	3
13	1DB19EE007	Dhanyashree S	1	2	3
14	1DB19EE001	Akshay A	1	2	3
15	1DB19EE016	M Pavankumar	1	2	3

  
HOD

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**Department of Electrical & Electronics Engineering**

**Attendance for PEDAGOGY CLASS**

**Sem - 5th**

**Courses: Advance Power Electronics – Design & Simulation**

Sl.No	USN	NAMES	25-11-2020	26-11-2020	27-11-2020
1	1DB18EE030	ROJIN RAJAN	1	2	3
2	1DB18EE019	MADHURA K	1	2	3
3	1DB18EE025	NIVITHA N M	1	2	3
4	1DB18EE031	RUCHITHA RAMESH D R	1	1	2
5	1DB18EE041	ULLAS A	1	2	3
6	1DB18EE001	AAMIR SIDQUE	1	2	3
7	1DB18EE010	DEEPIKA G	1	1	2
8	1DB18EE021	MONIKA V	1	2	3
9	1DB18EE039	SUCHITHRA V C	1	2	3
10	1DB18EE040	THASHWIN GOWDA M	1	2	3
11	1DB18EE014	HEMAVATHI K S	0	1	2
12	1DB18EE029	ROHAN M C	1	2	3
13	1DB18EE035	SAMVEDH S	1	2	3
14	1DB18EE038	SREERAJ GUPTA Y S	1	2	3
15	1DB19EE409	LAVANYA H S	1	2	3
16	1DB18EE043	VEERENDRAGOWDA R K	1	2	3
17	1DB18EE022	N TEJAS	1	2	3
18	1DB18EE018	M V SHASHANK YADAV	1	2	3
19	1DB18EE016	JEEVITHA S	1	2	3
20	1DB18EE003	AKASH R	1	2	3

HOD

Head of the Department  
Dept. of Electrical & Electronics Engg  
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**Department of Electrical & Electronics Engineering**

**Attendance for PEDAGOGY CLASS**

**Sem - 7th**

**Courses: Advance Power Electronics - Design & Simulation**

Sl.No	USN	NAMES	21-10-2020	22-10-2020	23-10-2020
1	1DB17EE001	A Jahnavi	1	2	3
2	1DB17EE011	J B Divya Bai Salanke	1	2	3
3	1DB17EE050	Sneha V	1	2	2
4	1DB17EE022	Madhurya L	1	2	3
5	1DB17EE032	Palaksh M S	1	2	3
6	1DB17EE043	Santhosh Kumar	1	2	3
7	1DB17EE051	Tejaswini A R	1	2	2
8	1DB17EE019	Likhitha G	1	2	3
9	1DB17EE053	Vasundhara M R	1	2	3
10	1DB17EE052	Varalaksmi R	1	2	3
11	1DB17EE009	Hemanth Gowda	1	2	3
12	1DB17EE021	Madhura B	1	2	3
13	1DB17EE007	Ganesh A S	1	2	3
14	1DB17EE037	Radhika A	1	2	3
15	1DB17EE035	Priyanka R L	1	1	2
16	1DB17EE049	Sneha N	1	2	3
17	1DB17EE042	Sanjana G N	1	2	3
18	1DB17EE056	Yashas Raju R	1	2	2
19	1DB17EE018	Likitha D	1	2	3
20	1DB17EE004	Chandru R	1	2	3

HOD

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**Department of Electrical & Electronics Engineering**



Date: 15<sup>th</sup> April 2021

**CIRCULAR**

It is to inform to the students that the special classes will be conducted for 8<sup>th</sup>, 6<sup>th</sup>& 4<sup>th</sup> semester students for the academic year 2020-2021 between 2:00 PM to 4:00 PM. These add-on classes will be beneficial to the students to develop better insight of subjects and applications in current trends. Interested students can benefit from this opportunity.

<b>8<sup>th</sup>SEM Student list for PEDAGOGY CLASS</b>		
<b>SL NO</b>	<b>USN</b>	<b>NAMES</b>
1	1DB17EE001	A Jahnavi
2	1DB17EE011	J B Divya Bai Salanke
3	1DB17EE050	Sneha V
4	1DB17EE022	Madhurya L
5	1DB17EE032	Palaksh M S
6	1DB17EE043	Santhosh Kumar
7	1DB17EE051	Tejaswini A R
8	1DB17EE019	Likhitha G
9	1DB17EE053	Vasundhara M R
10	1DB17EE052	Varalaksmi R
11	1DB17EE009	Hemanth Gowda
12	1DB17EE021	Madhura B
13	1DB17EE007	Ganesh A S
14	1DB17EE037	Radhika A
15	1DB17EE035	Priyanka R L
16	1DB17EE049	Sneha N
17	1DB17EE042	Sanjana G N
18	1DB17EE056	Yashas Raju R
19	1DB17EE018	Likitha D
20	1DB17EE004	Chandru R

<b>6<sup>th</sup>SEM Student list for PEDAGOGY CLASS</b>		
<b>Sl.No</b>	<b>USN</b>	<b>NAMES</b>
1	1DB18EE030	Rojin Rajan
2	1DB18EE019	Madhura K
3	1DB18EE025	Nivitha N M
4	1DB18EE031	Ruchitha Ramesh D R
5	1DB18EE041	Ullas A
6	1DB18EE001	Aamir Sidque
7	1DB18EE010	Deepika G
8	1DB18EE021	Monika V
9	1DB18EE039	Suchithra V C
10	1DB18EE040	Thashwin Gowda M
11	1DB18EE014	Hemavathi K S
12	1DB18EE029	Rohan M C
13	1DB18EE035	Samvedh S

14	1DB18EE038	Sreeraj Gupta Y S
15	1DB19EE409	Lavanya H S
16	1DB18EE043	Veerendragowda R K
17	1DB18EE022	N Tejas
18	1DB18EE018	M V Shashank Yadav
19	1DB18EE016	Jeevitha S
20	1DB18EE003	Akash R

4 <sup>th</sup> SEM Student list for PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	1DB19EE003	Chithrashree K S
2	1DB19EE019	Niveditha R
3	1DB19EE002	Antony Jenith J
4	1DB19EE029	Varsha Narayan
5	1DB19EE012	Kavya B S
6	1DB19EE008	Dinesh Kumar H R
7	1DB19EE015	Krithika Golhani
8	1DB19EE025	Shekar G
9	1DB19EE013	Kiran R D
10	1DB19EE011	Harish E
11	1DB19EE014	Kowshtubha M
12	1DB19EE004	Daniel Denis Rocha
13	1DB19EE007	Dhanyashree S
14	1DB19EE001	Akshay A
15	1DB19EE016	M Pavankumar

*Shamila*  
15/04/21  
Co-ordinator

*[Signature]*  
15/4/2021  
HOD\_EEE

Head of the Department  
Dept. of Electrical & Electronics  
Don Bosco Institute of Technology  
Kumbalaguda, Bangalore - 560 074



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**Department of Electrical & Electronics Engineering**

Date: 15<sup>th</sup> April 2021

**Special Seminars for Advanced Learners (Online)**

**8<sup>th</sup> semester**

Date/Time	2:30 PM – 4:00 PM
26/04/2021	Electric Vehicles
27/04/2021	Electric Vehicles
28/04/2021	Electric Vehicles

**6<sup>th</sup> semester**

Date/Time	2:30 PM – 4:00 PM
14/06/2021	Power Quality
15/06/2021	Power Quality
16/06/2021	Power Quality

**4<sup>th</sup> semester**

Date/Time	2:30 PM – 4:00 PM
13/07/2021	Op-Amp Practical Applications- Design & Simulation
14/07/2021	Op-Amp Practical Applications- Design & Simulation
15/07/2021	Op-Amp Practical Applications- Design & Simulation

*S. Anil*  
15/04/21  
Signature of the Coordinator

*S. Anil*  
15/4/2021  
Signature of HOD  
Head of the Department  
Dept of Electrical & Electronics Engg  
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**Department of Electrical & Electronics Engineering**

Brief Report of Subjects handled in Pedagogy classes

Department: EEE

Semester: IV

<b>Name of the Subject /domain</b>	Op-Amp Practical Applications- Design & Simulation
<b>Date</b>	13 <sup>th</sup> July to 15 <sup>th</sup> July 2021
<b>Venue</b>	Online
<b>Name of the Faculty</b>	Mrs. Sulochana I Akkalkot & Dr. Prakasha P K
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To analyze the Op-Amps circuits as a part of electronic systems.</li><li>2. To Design and simulate Op-Amps circuits like amplifiers, Filters, comparators, integrators etc. for electronic system.</li></ol>
<b>Abstract of the Pedagogy class taken</b>	This is system design course aimed to provide exposure to the applications of op-amps in the field of electronics. Op-amps are used in almost all the electrical and electronics devices like TV, Laptops, UPS etc. Analog circuits are an integral part of any electronic system and this course provides the analysis, design and simulation of op-amps circuits for real applications. As part of this course student will be taught to analyze, design and simulate the complex op-amp circuits as a part of an electronics devices.
<b>Outcome of the Pedagogy class</b>	At the end of the course, students will be able to <ol style="list-style-type: none"><li>1. Understand and analyze the complex Op-Amps circuits in and electronic systems.</li><li>2. Design and simulate Op-Amps circuits like amplifiers, Filters, comparators, integrators etc. for electronic system.</li></ol>

Gata 3/21  
P. K. 21  
15/07/21  
Signature of the Faculty

15/7/2021  
HOD-EEE

Head of the Department  
Dept. of Electrical & Electronics Engg.  
Don Bosco Institute of Technology  
Kumbalagodu, Bengaluru - 560074



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**Department of Electrical & Electronics Engineering**

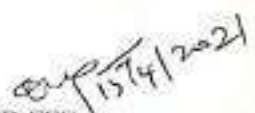
Brief Report of Subjects handled in Pedagogy classes

Department: EEE

Semester: VI

<b>Name of the Subject /domain</b>	Power Quality
<b>Date</b>	14 <sup>th</sup> June to 16 <sup>th</sup> June 2021
<b>Venue</b>	Online
<b>Name of the Faculty</b>	Mr. Rafi Ahmed Z & Mr. Rajath Shankar P S
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To understand the various power quality issues.</li><li>2. To understand the conventional compensation techniques used for power factor correction.</li><li>3. To understand the active compensation techniques used for reactive power compensation, power factor correction.</li></ol>
<b>Abstract of the Pedagogy class taken</b>	This course is intended to classify, quantify and analyze the power quality problems and to provide practical engineering solutions. This course details the Power quality and its standards. The students will study the main causes of power quality issues like harmonics, low power factor, voltage transients, voltage flicker etc. the students also studies the techniques used to overcome these problems.
<b>Outcome of the Pedagogy class</b>	At the end of the course, students will have knowledge on <ol style="list-style-type: none"><li>1. Various power quality issues and power quality standards.</li><li>2. Conventional compensation techniques for power quality improvements.</li><li>3. Active compensation techniques used for reactive power compensation, power factor correction.</li></ol>

  
Rafi Ahmed Z  
15/04/2021  
Signature of the Faculty

  
HOD-EEE  
15/4/2021  
Head of the Department  
Department of Electrical & Electronics Engineering  
Don Bosco Institute of Technology  
Kumbalagodu, Bengaluru - 560074



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Brief Report of Subjects handled in Pedagogy classes

**Department: EEE**

**Semester: VIII**

<b>Name of the Subject /domain</b>	Electric Vehicles
<b>Date</b>	26 <sup>th</sup> April to 28 <sup>th</sup> April 2021
<b>Venue</b>	Online
<b>Name of the Faculty</b>	Dr. Anguraja R & Mr. Raveendra R
<b>Objective</b>	<ol style="list-style-type: none"><li>1. To introduce the concept of electric vehicles.</li><li>2. To understand the types of EV, constructional features.</li><li>3. To understand the safety issues, environmental impact and educating the society at large.</li></ol>
<b>Abstract of the Pedagogy class taken</b>	This course is an introductory in nature intended to give a brief insight into electric vehicles, construction, classification, and battery, impact on environment, future, infrastructure management and problems. This course deals with introduction to cost and public transit possibilities. The students will study the socio-economic impact of Electric Vehicles.
<b>Outcome of the Pedagogy class</b>	At the end of the course, students will have knowledge on <ol style="list-style-type: none"><li>1. Various types of electric vehicles.</li><li>2. Construction and classification of electric vehicles.</li><li>3. Environmental issues, Socio-economic impact and educating public for moving towards utilization of electric vehicles.</li></ol>

  
15/4/21  
15/4/2021  
Signature of the Faculty

  
15/4/2021  
HOD-EEE  
Head of the Department  
Dept. of Electrical & Electronics  
Don Bosco Institute of Techno  
Kumbalaguda, Bengaluru - 560 074





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**Department of Electrical & Electronics Engineering**



Sem - 4th

Courses: Op-Amp Practical Applications- Design & Simulation

Sl.No	USN	NAMES	13-07-2021	14-07-2021	15-07-2021
1	1DB19EE003	Chithrashree K S	1	2	3
2	1DB19EE019	Niveditha R	1	2	3
3	1DB19EE002	Antony Jenith J	1	2	3
4	1DB19EE029	Varsha Narayan	1	2	3
5	1DB19EE012	Kavya B S	1	2	3
6	1DB19EE008	Dinesh Kumar H R	1	2	3
7	1DB19EE015	Krithika Golhani	1	2	3
8	1DB19EE025	Shekar G	1	1	2
9	1DB19EE013	Kiran R D	1	2	3
10	1DB19EE011	Harish E	1	2	3
11	1DB19EE014	Kowshtubha M	1	2	3
12	1DB19EE004	Daniel Denis Rocha	1	2	3
13	1DB19EE007	Dhanyashree S	1	2	3
14	1DB19EE001	Akshay A	1	2	3
15	1DB19EE016	M Pavankumar	1	2	2

*[Signature]*  
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**Department of Electrical & Electronics Engineering**

Sem - 6th

Courses: Power Quality

Sl.No	USN	NAMES	14-06-2021	15-06-2021	16-06-2021
1	1DB18EE030	ROJIN RAJAN	1	2	3
2	1DB18EE019	MADHURA K	1	2	3
3	1DB18EE025	NIVITHA N M	1	2	3
4	1DB18EE031	RUCHITHA RAMESH D R	1	2	3
5	1DB18EE041	ULLAS A	1	2	3
6	1DB18EE001	AAMIR SIDQUE	1	2	3
7	1DB18EE010	DEEPIKA G	1	2	3
8	1DB18EE021	MONIKA V	1	2	3
9	1DB18EE039	SUCHITHRA V C	1	2	3
10	1DB18EE040	THASHWIN GOWDA M	1	2	3
11	1DB18EE014	HEMAVATHI K S	1	2	3
12	1DB18EE029	ROHAN M C	1	2	3
13	1DB18EE035	SAMVEDH S	1	2	3
14	1DB18EE038	SREERAJ GUPTA Y S	1	2	3
15	1DB19EE409	LAVANYA H S	1	2	3
16	1DB18EE043	VEERENDRAGOWDA R K	1	2	3
17	1DB18EE022	N TEJAS	1	2	3
18	1DB18EE018	M V SHASHANK YADAV	1	2	3
19	1DB18EE016	JEEVITHA S	1	2	3
20	1DB18EE003	AKASH R	1	2	3

*Sup*  
16/6/2021  
HOD  
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**Department of Electrical & Electronics Engineering**

**Sem - 8th**

**Courses: Electric Vehicles**

Sl.No	USN	NAMES	26-04-2021	27-04-2021	28-04-2021
1	1DB17EE001	A Jahnavi	1	2	3
2	1DB17EE011	J B Divya Bai Salanke	1	1	2
3	1DB17EE050	Sneha V	1	2	3
4	1DB17EE022	Madhurya L	1	2	3
5	1DB17EE032	Palaksh M S	1	2	3
6	1DB17EE043	Santhosh Kumar	1	2	3
7	1DB17EE051	Tejaswini A R	1	2	3
8	1DB17EE019	Likhitha G	1	2	3
9	1DB17EE053	Vasundhara M R	1	2	3
10	1DB17EE052	Varalaksmi R	1	2	3
11	1DB17EE009	Hemanth Gowda	1	2	3
12	1DB17EE021	Madhura B	1	2	3
13	1DB17EE007	Ganesh A S	1	2	3
14	1DB17EE037	Radhika A	1	2	3
15	1DB17EE035	Priyanka R L	1	2	3
16	1DB17EE049	Sneha N	1	2	3
17	1DB17EE042	Sanjana G N	1	2	3
18	1DB17EE056	Yashas Raju R	1	2	2
19	1DB17EE018	Likitha D	1	2	2
20	1DB17EE004	Chandru R	1	2	3

*8/28/4/2021*  
HOD  
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Kumbalaguda, Bengaluru - 560074





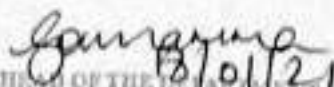
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**DEPARTMENT OF INFORMATION SCIENCE &**  
**ENGINEERING**  
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**CIRCULAR**

**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 3<sup>rd</sup> semester students (2020-21 ODD SEMESTER) apart from the regular classes.

Sl. No.	USN	NAME
1	1DB19IS024	DIVYASHREE R S
2	1DB19IS056	NITHYA A N
3	1DB19IS006	AMRUTHA A NILAJAGI
4	1DB19IS018	BHUVANA K
5	1DB19IS007	AMRUTHA VARSHINI N R
6	1DB19IS024	DIVYASHREE R S
7	1DB19IS056	NITHYA A N
8	1DB19IS006	AMRUTHA A NILAJAGI
9	1DB19IS018	BHUVANA K
10	1DB19IS007	AMRUTHA VARSHINI N R
11	1DB19IS073	RASHMITHA A
12	1DB19IS100	VARSHA VARGHESE
13	1DB19IS079	SANDEEP M N
14	1DB19IS068	RAKSHA SHETTY
15	1DB19IS087	SPOORTHI C R
16	1DB19IS073	RASHMITHA A
17	1DB19IS100	VARSHA VARGHESE
18	1DB19IS079	SANDEEP M N
19	1DB19IS068	RAKSHA SHETTY
20	1DB19IS087	SPOORTHI C R

  
18/01/21  
HEAD OF THE DEPARTMENT  
DEPT OF INFO SCI & ENGG.  
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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
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**ENGINEERING**  
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Brief Report of Subjects handled in Pedagogy classes

Department: **Information Science & Engineering**  
Semester: III

Name of the Subject /domain	Data Structures using C
Date	18-1-2021 to 21-1-2021
Venue	Lab-3
Name of the Faculty	Shankara Gowda SR, Mohan Kumar AV
Objective	<ul style="list-style-type: none"><li>• Explain fundamentals of data structures and their applications essential for programming/problemsolving.</li><li>• Illustrate linear representation of data structures: Stack, Queues, Lists, Trees and Graphs.</li><li>• Demonstrate sorting and searching algorithms.</li><li>• Find suitable data structure during application development/Problem Solving</li></ul>
Abstract of the Pedagogy class taken	Data Structures and Algorithms (DSA) are the crucial elements of Computer Science and Information Technology which plays vital role in computational problems. Teaching Data Structures and Algorithm with traditional Chalk and Talk method is nugatory task. While teaching many of the concepts of Data Structures and Algorithms traditional Chalk and Talk method produces incomprehension, boredom, and glazed eye among the student. This paper presents innovative teaching learning techniques to illustrate the concepts of data structures and algorithms like stack and queue, asymptotic complexities etc. For the better understanding of concepts innovative teaching methods like activity, analogy, role play and brainstorming are used.
Outcome of the Pedagogy class	<ul style="list-style-type: none"><li>• Use different types of data structures, operations and algorithms</li><li>• Apply searching and sorting operations on files</li><li>• Use stack, Queue, Lists, Trees and Graphs in problem solving</li><li>• Implement all data structures in a high-level language for problem solving.</li></ul> <p>Many physical phenomenon are analogous to the algorithm development and analysis in data structures and algorithms. Real time resource usage for teaching data structures and algorithms shows effectiveness in learning of student. Such innovative approaches create empathy about subject in students which encourage them to learn it thoroughly</p>

*Saurama*  
18/01/21  
HEAD OF THE DEPARTMENT  
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**ADVANCED LEARNING CLASSES ATTENDANCE -3<sup>rd</sup> Sem**

Sl. No.	USN	NAME	18-1-2021	19-1-2021	20-1-2021	21-1-2021
			2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm
1	1DB19IS024	DIVYASHREE R S	1	2	3	4
2	1DB19IS056	NITHYA A N	1	2	3	4
3	1DB19IS006	AMRUTHA A NILAJAGI	1	2	3	4
4	1DB19IS018	BIHUVANA K	1	2	3	4
5	1DB19IS007	AMRUTHA VARSHINI N R	1	2	2	3
6	1DB19IS024	DIVYASHREE R S	1	2	3	4
7	1DB19IS056	NITHYA A N	1	2	3	4
8	1DB19IS006	AMRUTHA A NILAJAGI	1	2	3	4
9	1DB19IS018	BIHUVANA K	1	2	3	4
10	1DB19IS007	AMRUTHA VARSHINI N R	1	2	3	3
11	1DB19IS072	RASHMITHA A	1	2	3	4
12	1DB19IS100	VARSHA VARGHESE	1	2	3	4
13	1DB19IS079	SANDEEP M N	1	2	3	4
14	1DB19IS068	RAKSHA SHETTY	1	2	3	4
15	1DB19IS087	SPOORTHI C R	1	2	3	4
16	1DB19IS072	RASHMITHA A	1	2	3	4
17	1DB19IS100	VARSHA VARGHESE	1	2	3	4
18	1DB19IS079	SANDEEP M N	1	2	3	4
19	1DB19IS068	RAKSHA SHETTY	1	2	3	4
20	1DB19IS087	SPOORTHI C R	1	2	3	4

*[Signature]*  
 21/1/21  
 Coordinator

*[Signature]*  
 21/1/21  
 HEAD OF THE DEPARTMENT  
 DEPT OF INFORMATION SCIENCE ENCOE  
 DON BOSCO INSTITUTE OF TECHNOLOGY  
 KANDALAOOR, KALAMANGALUR, KERALA





**DON BOSCO INSTITUTE OF TECHNOLOGY**  
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**Date: 15-12-20**

**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 5<sup>th</sup> semester students (2020-21 ODD SEMESTER) apart from the regular classes.

Sl. No.	USN	Student Name
1	1DB18IS032	GREESHMA N
2	1DB18IS035	JAYARAMKRISHNA
3	1DB18IS034	HEMA R
4	1DB18IS012	BHAVANA B
5	1DB18IS027	DEEPIKA A
6	1DB18IS064	RESHMA M
7	1DB18IS092	ROHIT
8	1DB18IS071	SATHWIK
9	1DB18IS056	PAVAN RAJ B
10	1DB18IS073	SHREYAS K S

*Ganamma*  
HOD\_ISEI 5/12/20

HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENG  
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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
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Brief Report of Subjects handled in Computer Network classes  
 Department: ISE  
 Semester: V

<b>Name of the Subject /domain</b>	Computer Network and Implementation of Networking Protocol using NS2 Simulation Tool
<b>Date</b>	21-12-20 to 24-12-20
<b>Venue</b>	Lab -02
<b>Name of the Faculty</b>	Mrs Yashaswini D K, Haripriya C, M Selvam
<b>Objective</b>	To familiarize the students to <ul style="list-style-type: none"> <li>• Know about networking protocols.</li> <li>• Demonstrate the working of different concepts of networking.</li> <li>• Implement and analyse networking protocols in NS2 / NS3</li> </ul>
<b>Abstract of Compute network classes</b>	Seeing the objective of teaching network laboratory using NS2/NS3 is to make students understand what is NS2, application of NS2. NS2 is an open-source simulation tool that runs on Linux. It is a discrete event simulator targeted at networking research and provides substantial support for simulation of routing, multicast protocols and IP protocols, such as UDP, TCP, RTP and SRM over wired and wireless (local and satellite) networks. Students learn about reverse engineering processes also. This lab also provides information about various protocols in network and their applications in all areas for engineering students.
<b>Outcome of the Compute network class</b>	<ol style="list-style-type: none"> <li>1. Analyse and compare various networking protocols.</li> <li>2. Demonstrate the working of different concepts of networking.</li> <li>3. Implement and analyse networking protocols in NS2 / NS3</li> </ol>

*[Handwritten Signature]*  
 Name and Signature of the Faculty

*[Handwritten Signature]*  
 HOD\_ISE/15/12/20  
 HEAD OF THE DEPARTMENT  
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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Information Science & Engineering



Kumbalagodu, Mysore Road, Bangalore - 74.

ADVANCED LEARNING CLASSES ATTENDANCE - 5<sup>th</sup> Sem

Sl. No.	USN	Student Name	21-12-20	22-12-20	23-12-20	24-12-20
			2 Pm to 4 Pm	2 Pm to 4 Pm	2Pm to 4 Pm	2Pm to 4 Pm
1	1DB18IS032	GREESHMA N	1	2	2	3
2	1DB18IS035	JAYARAMKRISHNA	1	2	3	3
3	1DB18IS034	HEMA R	1	2	3	4
4	1DB18IS012	BHAVANA B	1	2	3	4
5	1DB18IS027	DEEPIKA A	1	2	3	4
6	1DB18IS064	RESHMA M	1	2	3	4
7	1DB18IS092	ROHIT	1	2	2	2
8	1DB18IS071	SATHWIK	1	2	3	4
9	1DB18IS056	PAVAN RAJ B	1	2	3	4
10	1DB18IS077	SHREYAS K S	1	2	3	4

*R.R.R.*  
Coordinator

*Saravanan*  
14/12/20  
HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENG  
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Date: 10/12/2020

**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 5<sup>th</sup> semester students (2020-2021 ODD SEMESTER) apart from the regular classes.

Sl. No.	USN	Student Name
1	1DB18IS032	GREESHMA N
2	1DB18IS035	JAYARAMKRISHNA
3	1DB18IS034	HEMA R
4	1DB18IS012	BHAVANA B
5	1DB18IS027	DEEPIKA A
6	1DB18IS064	RESHMA M
7	1DB18IS092	ROHIT
8	1DB18IS071	SATHWIK
9	1DB18IS056	PAVAN RAJ B
10	1DB18IS073	SHREYAS K S

*Sourav*  
HOD ISE 10/12/20  
HEAD OF THE DEPARTMENT  
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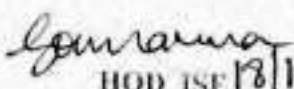


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Brief Report of Subjects handled in Pedagogy classes  
 Department: ISE  
 Semester : V

<b>Name of the Subject /domain</b>	Application Development Using Java and Oracle Database
<b>Date</b>	15-12-2020 to 18-12-2020
<b>Venue</b>	ISE Lab-03
<b>Name of the Faculty</b>	Mr. Kishor Kumar R, Navya Sridhar C S, Manjula k
<b>Objective</b>	To introduce students to basic concepts of Data Base Management System, and to develop simple application on database management system.
<b>Abstract of the Pedagogy class taken</b>	Sees the objective of teaching data base management system to help engineers and potential engineers to understand and develop database software. Acknowledges the DBMS theory teaches that database is one rudimentary skill required as a software engineer. Provides information on database concepts: how to define database, introduction to eclipse tool, mathematics of relational database, operations on relational database, develop a program to connect to database. A software engineer in the modern time should know the database to build and run modern software's. In this regard the programmed is aimed at teaching the practical implementation of DBMS for ISE students and future software engineers.
<b>Outcome of the Pedagogy class</b>	1. Understand various concepts of DBMS. 2. Develop a simple DBMS application program.

  
 Name and signature of the Faculty

  
 HOD\_ISE 18/12/20  
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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Information Science & Engineering



Kumbalagodu, Mysore Road, Bangalore – 74.

ADVANCED LEARNING CLASSES ATTENDANCE - 5<sup>th</sup> Sem

Sl. No.	USN	Student Name	15-12-2020	16-12-2020	17-12-2020	18-12-2020
			2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm
1	1DB18IS032	GREESHMA N	1	2	3	4
2	1DB18IS035	JAYARAMKRISHNA	1	2	3	4
3	1DB18IS034	HEMA R	1	2	3	4
4	1DB18IS012	BHAVANA B	1	2	3	4
5	1DB18IS027	DEEPIKA A	1	2	3	4
6	1DB18IS064	RESHMA M	1	2	3	4
7	1DB18IS092	ROHIT	1	2	2	3
8	1DB18IS071	SATHWIK	1	2	2	3
9	1DB18IS056	PAVAN RAJ B	1	2	3	4
10	1DB18IS073	SHREYAS K S	1	2	3	4

*Rajeev*  
15/12/20  
Coordinator

*Saravanna*  
HOD, 18/12/20  
HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENGINEERING  
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KUMBALAGODU BANGALORE-74



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**Date: 05/06/2021**

**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 6<sup>th</sup> semester students (2020-2021 even SEMESTER) apart from the regular classes.

Sl. No.	USN	Student Name
1	1DB18IS032	GREESHMA N
2	1DB18IS035	JAYARAMKRISHNA
3	1DB18IS034	HEMA R
4	1DB18IS012	BHAVANA B
5	1DB18IS027	DEEPIKA A
6	1DB18IS064	RESHMA M
7	1DB18IS092	ROHIT
8	1DB18IS071	SATHWIK
9	1DB18IS056	PAVAN RAJ B
10	1DB18IS073	SHREYAS K S

*Samar*  
HOD\_ISE 5/6/21

HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENGG.  
DON BOSCO INSTITUTE OF TECHNOLOGY  
KUMBALAGODU BANGALORE-560074



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Information Science & Engineering



Kumbalagodu, Mysore Road, Bangalore – 74.

ADVANCED LEARNING CLASSES ATTENDANCE – 6<sup>th</sup> Sem

Sl. No.	USN	Student Name	09-06-2021	10-06-2021	11-06-2021	12-06-2021
			2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm
1	IDB18IS032	GREESHMA N	1	2	3	4
2	IDB18IS035	JAYARAMKRISHNA	1	2	3	4
3	IDB18IS034	HEMA R	1	2	3	4
4	IDB18IS012	BHAVANA B	1	2	3	4
5	IDB18IS027	DEEPIKA A	1	1	2	3
6	IDB18IS064	RESHMA M	1	2	3	4
7	IDB18IS092	ROHIT	1	2	2	3
8	IDB18IS071	SADHVIK	1	2	3	4
9	IDB18IS056	PAVAN RAJ B	1	2	3	3
10	IDB18IS073	SHREYAS K S	1	2	3	4

*Raj*  
Coordinator

*Saravna*  
HOD 12/6/21  
HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENGG.  
DON BOSCO INSTITUTE OF TECHNOLOGY  
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**ENGINEERING**

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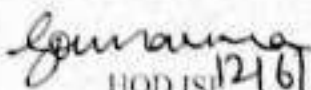
Brief Report of Subjects handled in file structure classes

Department: ISE

Semester: VI

Name of the Subject /domain	Add on bridge course on File Structure & its Application
Date	9-06-2021 to 12-06-2021
Venue	B - 334
Name of the Faculty	Dr.Pradeep K R, Haripriya C, Mamatha K
Objective	To familiarize the students with basic concepts Representing a record in computer
Abstract of the Pedagogy class taken	Sees the objective of Fundamental File Structure Concepts, Managing Files of Records to make students to be more sensible in learning about what is record, what are the programming languages will be used to retrieve records, which are the datatypes associated with the records, operations on records such as adding, deleting, replacing, appending etc. file representation in File representation in secondary storage devices. <ul style="list-style-type: none"> <li>• capability of holding very large files.</li> <li>• permanence, to some extent, of storage of files</li> </ul>
Outcome of the Pedagogy class	Students are able to understand <ol style="list-style-type: none"> <li>1. Definition of records, Operations on records,</li> <li>2. Handling records of huge size.</li> </ol>

  
Mamatha K  
Name and signature of the Faculty

  
HOD, ISE 12/6/21

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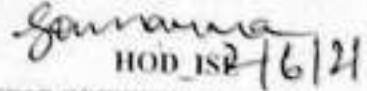
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF INFORMATION SCIENCE AND**  
**ENGINEERING**  
**(NBA Accredited Department)**

**Date: 02/06/2021**

**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 6<sup>th</sup> semester students (2020-2021 EVEN SEMESTERS) apart from the regular classes.

Sl. No.	USN	Student Name
1	1DB18IS032	GREESHMA N
2	1DB18IS035	JAYARAMKRISHNA
3	1DB18IS034	HEMA R
4	1DB18IS012	BHAVANA B
5	1DB18IS027	DEEPIKA A
6	1DB18IS064	RESHMA M
2	1DB18IS092	ROHIT
8	1DB18IS071	SATHWIK
9	1DB18IS056	PAVAN RAJ B
10	1DB18IS073	SHREYAS K S

  
HOD\_IS&E/6/21  
HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENGA  
DON BOSCO INSTITUTE OF TECHNOLOGY  
KUMRALAGODU BANGALORE-540074

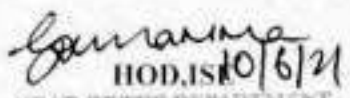


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**ENGINEERING**  
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Department: ISE  
Semester: VI

<b>Name of the Subject /domain</b>	Automation Testing using selenium Tool
<b>Date</b>	07-06-2021 to 10-06-2021
<b>Venue</b>	B - 332
<b>Name of the Faculty</b>	Mrs Chaithra A S, Yashaswi B N, Yashaswini D K
<b>Objective</b>	To familiarize the students with basic concepts Boundary Value Analysis (BVA), basic idea in BVA
<b>Abstract of the Boundary value analysis (BVA) in Software Testing class taken</b>	<ul style="list-style-type: none"><li>• Sees the objective Boundary value analysis BVA of to make students to be more sensible in Boundary Value Analysis (BVA) is a Black-Box testing technique used to check the errors at the boundaries of an input domain. The name comes from the Boundary, which means the limits of an area. So, BVA mainly focuses on testing both valid and invalid input parameters for a given range of a software component. What is basic idea in BVA, expels such as an Address text box which allows maximum 500 characters.</li></ul>
<b>Outcome of the the Boundary value analysis (BVA) in Software Testing class taken</b>	Students are able to understand <ol style="list-style-type: none"><li>1. Definition of Boundary value analysis BVA</li><li>2. Application Boundary value analysis, various examples.</li></ol>

  
Name and signature of the Faculty

  
HOD, ISE 10/6/21  
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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Information Science & Engineering



Kumbalagodu, Mysore Road, Bangalore – 74.

ADVANCED LEARNING CLASSES ATTENDANCE – 6<sup>th</sup> Sem

Sl No.	USN	Student Name	07-06-2021	08-06-2021	09-06-2021	10-06-2021
			2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm
1	IDB18IS032	GREESHMA N	1	2	3	4
2	IDB18IS035	JAYARAMKRISHNA	1	3	3	4
3	IDB18IS034	HEMA R	1	3	3	4
4	IDB18IS012	BHAVANA B	1	2	3	4
5	IDB18IS027	DEEPSKA A	1	2	3	4
6	IDB18IS064	RESHMA M	1	2	3	4
7	IDB18IS092	ROHIT	1	2	3	4
8	IDB18IS071	SATHWIK	1	2	3	4
9	IDB18IS056	PAVAN RAJ B	1	2	3	3
10	IDB18IS073	SHREYAS K S	1	2	3	3

*RSR*  
Coordinator

*Saurav*  
HOD 10/6/21  
HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENGG,  
DON BOSCO INSTITUTE OF TECHNOLOGY  
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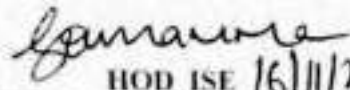
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF INFORMATION SCIENCE &**  
**ENGINEERING**  
(NBA Accredited Department)

Date: 16-11-20

**CIRCULAR**

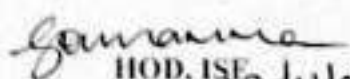
*Regarding: Facilitating the Advanced learners.* In consent with HOD, Pedagogy classes are planned for the below mentioned students for the subjects which are application oriented in their respective semester to support the students to cope up with the current trends of Technology. These Pedagogy classes 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 7<sup>th</sup> semester students (2020-21 ODD SEMESTER) apart from the regular classes.

Sl. No.	USN	Student Name
1	1DB17IS030	RAVIKUMAR M
2	1DB17IS040	SHUKRUTHA B J
3	1DB17IS003	AISHWARYA S
4	1DB17IS044	VIDYA S
5	1DB17IS027	PRAVALLIKA S
6	1DB17IS026	PRATHEEKSHA C DHANPAL
7	1DB17IS015	HARSHITHA B R
8	1DB17IS012	CHANDANA M
9	1DB17IS024	PAVITHRA J
10	1DB17IS014	HARSHITA S BHAT

  
HOD\_ISE 16/11/20  
HEAD OF THE DEPARTMENT  
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Department: ISE  
Semester : VII

<b>Name of the Subject /domain</b>	Machine Learning using Python
<b>Date</b>	23-11-2020 to 27-11-2020
<b>Venue</b>	Lab -02
<b>Name of the Faculty</b>	Mrs. Gowramma G S
<b>Objective</b>	<ul style="list-style-type: none"> <li>• Introduction to Python for Machine Learning</li> <li>• Introduce the mathematical foundations required for Machine Learning</li> <li>• Hands-on coding of popular ML algorithms with Python</li> <li>• Building Machine Learning applications with Python package Scikit-Learn.</li> <li>• Introduce a Machine Learning problem solving framework</li> <li>• Introduce a practical capstone case study</li> </ul>
<b>Abstract of the Pedagogy class taken</b>	<p>The following topics are covered and students are able to do one project at the end of the Course.</p> <ol style="list-style-type: none"> <li>1 Introduction to Machine Learning</li> <li>2 Python Programming Basics</li> <li>3 Statistics for Data Science and Linear algebra for machine Learning</li> <li>4 Working with NumPy &amp; Pandas working with NumPy</li> <li>5 Data Visualization with matplotlib; Advance visualization using seaborn</li> <li>6 Linear Regression Introduction</li> <li>7 Logistic Regression</li> <li>8 K Nearest Neighbor</li> <li>9 Decision Tree</li> <li>10 Support Vector Machines</li> <li>11 Clustering (Kmeans)</li> <li>12 Project Work (Heart Attack Prediction)</li> </ol>
<b>Outcome of the Pedagogy class</b>	<ul style="list-style-type: none"> <li>• Describe a flow process for Machine Learning problems (Remembering)</li> <li>• Classify Machine Learning problems into standard typology (Comprehension)</li> <li>• Develop Python codes for Machine Learning solutions (Application)</li> <li>• Correlate results to the solution approach followed (Analysis)</li> <li>• Assess the solution approach (Evaluation)</li> <li>• Construct use cases to validate approach and identify modifications required (Creating)</li> </ul>

  
 HOD, ISE  
 HEAD OF THE DEPT  
 DEPT OF INFORMATION SCIENCE,  
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 KUMBALAGODU BANGALORE-560075



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Information Science & Engineering



Kumbalagodu, Mysore Road, Bangalore – 74.

ADVANCED LEARNING CLASSES ATTENDANCE – 7<sup>th</sup> Sem

Sl. No.	USN	Student Name	23-11-2020	24-11-2020	25-11-2020	26-11-2020	27-11-2020
			2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm
1	IDB16IS031	UMME ATHIYA	1	1	2	3	4
2	IDB16IS042	SABANA S MATHAD	1	2	3	4	5
3	IDB16IS013	DIVYASHREE SHARMA	1	2	3	4	5
4	IDB16IS033	P SREE LEKHA MITHRA	1	2	2	3	4
5	IDB16IS029	RAKSHITHA K	1	2	3	4	5
6	IDB16IS047	SPOORTHIS	1	2	3	3	5
7	IDB16IS040	RAMANAND SIRVI	1	2	3	4	5
8	IDB16IS054	VARSHA R	1	3	3	2	5
9	IDB16IS053	VARALAKSHMI B	1	2	3	4	5
10	IDB16IS055	VDAY LAKSHMI INGIN	1	2	2	4	5

*P. Ravi*  
Coordinator

*Souravna*  
HOD 23/11/20  
HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENGL  
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**DEPARTMENT OF INFORMATION SCIENCE &**  
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**Date:03-12-20**

**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 7<sup>th</sup> semester students (2020-21 ODD SEMESTER) apart from the regular classes.

Sl. No.	USN	Student Name
1	1DB17IS030	RAVIKUMAR M
2	1DB17IS040	SHUKRUTHA B J
3	1DB17IS003	AISHWARYA S
4	1DB17IS044	VIDYA S
5	1DB17IS027	PRAVALLIKA S
6	1DB17IS026	PRATHEEKSHA C DHANPAL
7	1DB17IS015	HARSHITHA B R
8	1DB17IS012	CHANDANA M
9	1DB17IS024	PAVITHRA J
10	1DB17IS014	HARSHITA S BHAT

*Gouramma*  
HOD\_ISE 3/12/20  
HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENGG  
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KUMBALAGODU BANGALORE-560074





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Department: ISE  
Semester: VII

Name of the Subject /domain	Web Technology and its application
Date	8-12-2020 to 12-12-2020
Venue	B-335
Name of the Faculty	Asha K H
Objective	The increasing practice of MVC architecture in Web based applications, this course focuses on Advanced PHP concepts and Laravel Framework along with Node.js.
Abstract of the Pedagogy class taken	Introduction to Node.js, Node Package Manager, REPL Terminal, Node.js Webserver – Server and Clients, creating a simple server, Rendering HTML, Rendering JSON Data, Routing. Node.js is an open source, cross-platform runtime environment for developing server-side and networking applications. Node.js applications are written in JavaScript, and can be run within the Node.js runtime on OS X, Microsoft Windows, and Linux.
Outcome of the Pedagogy class	<ol style="list-style-type: none"><li>1. Setup Node.js using NPM and use Node.js core modules</li><li>2. Create basic web applications with Node.js</li></ol>

*Saravna*  
HOD.ISE 12/12/20

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ADVANCED LEARNING CLASSES ATTENDANCE – 7<sup>th</sup> Sem

Sl. No.	USN	Student Name	8-12-2020	9-12-2020	10-12-2020	11-12-2020	12-12-2020
			2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm	2 Pm to 4 Pm
1	1DB16IS051	UMME ATHIYA	1	2	3	4	5
2	1DB16IS042	SAHANA S MATHAD	1	2	3	4	5
3	1DB16IS013	DIVYASHREE SHARMA	1	2	3	4	5
4	1DB16IS033	P SREE LEKHA METHRA	1	2	3	3	4
5	1DB16IS039	RAKSHITHA K.	1	2	3	4	5
6	1DB16IS047	SPOORTHI S.	1	2	3	4	5
7	1DB16IS040	RAMANAND SIRVI	1	2	3	3	4
8	1DB16IS054	VARSHA R	1	2	3	4	5
9	1DB16IS013	VARALAKSHMI B	1	2	3	4	5
10	1DB16IS055	VIJAY LAKSHMI INGIN.	1	2	3	4	5

*Raj*  
Coordinator

*Srinivas*  
12/12/20  
HEAD OF THE DEPARTMENT  
DEPT OF INFORMATION SCIENCE ENGG.  
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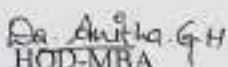
Brief Report of Subject handled in Pedagogy classes

Department: MBA

Semester : I

Name of the Subject /domain	E – Marketing Management
Date	20-03-2021
Venue	B – 301
Name of the Faculty	Prof. Shivalingappa B
Objective	<ol style="list-style-type: none"><li>1. To understand the important concepts related to e-marketing.</li><li>2. To learn the use of different electronic media for constructing marketing activities.</li><li>3. To introduce to the students the current tools in e-marketing space.</li></ol>
Abstract of the Pedagogy class taken	E-marketing, Internet marketing, Online marketing they refers to advertising and marketing attempts which they use emails and web as their strategy for business. The Pedagogy classes are designed to know about how start-up firms utilize networks has focused on direct effects of either the personal network around the entrepreneur or the formal collaboration network around the firm and includes different kinds of brands developing their products using e-marketing. The new e-business development is developing an account, growing the business and expanding your services once you've established a client relationship. The capability and willingness to develop manage and organize a business venture along with any of its risks in order to make a profit. Which is most obvious example of entrepreneurship being the starting of new e-businesses.
Outcome of the Pedagogy class	<ol style="list-style-type: none"><li>1. Recognize appropriate e-marketing objectives.</li><li>2. Appreciate the e-commerce framework and technology.</li><li>3. Illustrate the use of search engine marketing, online advertising and marketing strategies.</li><li>4. Use social media &amp; create templates.</li><li>1. Develop social media strategies to solve business problems.</li></ol>

  
Name and signature of the Faculty

  
HOD-MBA

Head of Department  
MBA Department  
DON BOSCO INSTITUTE OF TECHNOLOGY  
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Bangalore - 74



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**Department of Management Studies and Research**

Semester - I

Advance Learning Classes Attendance- E Marketing Management

Sl No	Name	15-03-2021	16-03-2021	17-03-2021	18-03-2021	19-03-2021
		3PM to 4PM	3PM to 4PM	3PM to 4PM	3PM to 4PM	3PM to 4PM
1	Birendra Parida G	✓	✓	✓	✓	✓
2	Gonashree A	✓	✓	✓		✓
3	K P Mahalaxmi	✓	✓	✓	✓	✓
4	Mythri Shankar Sonalli	✓	✓	✓	✓	
5	Omprakash Bongale	✓	✓	✓		✓
6	Paramesh K G	✓	✓	✓	✓	
7	Raksha Lokesh	✓	✓	✓	✓	
8	Renuka B U	✓	✓	✓	✓	✓
9	Sheba Khanum	✓	✓	✓	✓	✓
10	Tejeswini G S	✓	✓	✓	✓	

  
Name and signature of the Faculty

  
HOD-MBA  
Head of Department  
MBA Department  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Kumbalagodu, Mysore Road,  
Bangalore - 74





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Brief Report of Subjects handled in Pedagogy classes

Department: MBA

Semester: III

Name of the Subject /domain	RESEARCH METHODOLOGY
Date	23/01/2021
Venue	B-303
Name of the Faculty	Dr. Anitha GH
Objective	<ol style="list-style-type: none"><li>1. To understand the basic components of research design.</li><li>2. To Gain an insight into the applications of research methods.</li><li>3. To equip students with various research analytical tools used in business research</li></ol>
Abstract of the Pedagogy class taken	<p>Research can be defined as a 'step-by-step process that involves the collecting, recording, analyzing and interpreting of information'. As researchers, we are interested in improving our knowledge and understanding of our chosen topic. To do this effectively, researchers must have a clear set of research questions. The importance of research questions cannot be stressed highly enough. The research questions are the main focus of any project, and can probably best be described as 'the glue that holds the project together'.</p> <p>The purpose of business research is to gather information in order to aid business-related decision-making. Business research is defined as 'the systematic and objective process of collecting, recording, analyzing and interpreting data for aid in solving managerial problems. These managerial problems can be linked to any business function, e.g., human resources, finance, marketing or research and development. Your research project can also be interpreted as business research in the sense that it will be related to business and management. In some cases, this may encompass more than one particular business discipline.</p>
Outcome of the Pedagogy class	<ol style="list-style-type: none"><li>1. Understand various research approaches, techniques and strategies in the appropriate in business.</li><li>2. Apply a range of quantitative / qualitative research techniques to business and day to day management problems.</li></ol>

*Dr. Anitha G H*  
Name and signature of the Faculty

*Dr. Anitha G H*  
HOD, MBA  
Head of Department  
MBA Department  
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Kumbalagodu, Mysore Road,  
Bangalore - 74



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Ph:+91-80-28437028/29/30 Fax: +91-80-28437031

Department of Management Studies and Research  
Semester – III



**Advance Learning Classes Attendance- Research Methodology**

Sl. No	USN	Name	18-01-2021	19-01-2021	20-01-2021	21-01-2021	22-01-2021
			3PM to 4PM	3PM to 4PM	3PM to 4PM	3PM to 4PM	3PM to 4PM
1	IDB19MBA02	Amruta Mahesh Kankonkar	✓	✓	✓	✓	
2	IDB19MBA05	Ashish Patra		✓	✓	✓	✓
3	IDB19MBA09	Chandana K	✓	✓	✓	✓	✓
4	IDB19MBA10	Deekshitha	✓	✓	✓	✓	✓
5	IDB19MBA11	Dhanush KS	✓	✓		✓	✓
6	IDB19MBA19	Nanditha BV	✓	✓	✓	✓	
7	IDB19MBA22	Prathima Dharma Naik	✓	✓	✓	✓	
8	IDB19MBA25	Ramya S	✓	✓	✓	✓	✓
9	IDB19MBA28	Sagar K Khade	✓	✓	✓	✓	✓
10	IDB19MBA33	SM Saleem	✓	✓	✓	✓	✓

*Dr. Anitha G H*  
Name and signature of the Faculty

*Dr. Anitha G H*  
HOD-MBA  
Head of Department  
MBA Department  
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Kumbalagodu, Mysore Road,  
Bangalore - 74





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**Department of Mechanical Engineering**

Date: 16<sup>th</sup> October 2020

**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. These classes are scheduled for 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semester students (2020-21 ODD SEMESTERS) apart from the regular classes.

7th SEM Student list for PEDAGOGY CLASS		
SL NO	USN	NAMES
1	1DB17ME038	DURGA PRASAD R
2	1DB17ME099	RACHITH GURU
3	1DB17ME048	HARSHITH S
4	1DB17ME098	PUNEETH KUMAR G S
5	1DB17ME090	PAVAN H BHARADWAJ
6	1DB17ME008	ANWESH SAHOO
7	1DB17ME100	RAGHAVENDRA B
8	1DB17ME116	SHEREGAR SOORAJ SURENDRA
9	1DB17ME127	TEJUS B R
10	1DB17ME044	GAURAV B II

5th SEM Student list for PEDAGOGY CLASS		
SLNo	USN	NAMES
1	1DB18ME054	SANRAAB DUTTA
2	1DB18ME051	SACHIN NATH P M
3	1DB18ME002	ABHIJIT NARAYAN YADRAVAKAR
4	1DB18ME040	NITHIN GOWDA K
5	1DB18ME017	DEEKSHITH P
6	1DB18ME044	PRAJWAL V A
7	1DB18ME038	NAVEEN G
8	1DB18ME070	VIJAY Y
9	1DB18ME030	K H GOWDA
10	1DB18ME054	SANRAAB DUTTA

*Shiva*  
Professor  
Dept. of Mechanical Engineering  
Don Bosco Institute of Technology  
Bangalore - 560 074.

3 <sup>rd</sup> SEM Student list for PEDAGOGY CLASS		
SLNo	USN	NAMES
1	1DB19ME028	VINAYKUMAR K G
2	1DB19ME016	PRAMOD RAJU B
3	1DB19ME029	YASHAS GOWDA P
4	1DB19ME023	SHASHANK R
5	1DB19ME020	RAKSHITHA P
6	1DB19ME003	DAKSHINA MURTHY L
7	1DB19ME011	MANJESH N
8	1DB19ME024	SYED IMADUDDIN
9	1DB19ME019	PUNITH P
10	1DB19ME014	NAVEEN

*Shiva*  
Prof. Shiva  
16/10/2020  
Dept. of Mechanical Engineering  
Don Bosco Institute of Technology  
Bangalore - 560 074.





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**Department of Mechanical Engineering**

**Date: 16<sup>th</sup> Oct 2020**

**Special Seminars for Advanced Learners**

**7<sup>th</sup> semester**

Date/Time	2:30 PM – 4:00 PM
21/10/2020	Advances in hydraulics
22/10/2020	Advances in hydraulics
23/10/2020	Advances in hydraulics

**5<sup>th</sup> semester**

Date/Time	2:30 PM – 4:00 PM
25/11/2020	Unigraphics NX Basics to Professional Career
26/11/2020	Unigraphics NX Basics to Professional Career
27/11/2020	Unigraphics NX Basics to Professional Career

**3<sup>rd</sup> Semester**

Date/Time	2:30 PM – 4:00 PM
07/12/2020	Heating Ventilation and Air conditioning
08/12/2020	Heating Ventilation and Air conditioning
09/12/2020	Heating Ventilation and Air conditioning

*Jhina*  
 Professor & Head

**Dept. of Mechanical Engineering**  
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**Department of Mechanical Engineering**

Brief Report of Subjects handled in Pedagogy classes

Department: ME

Semester: III

Name of the Subject /domain	<b>Heating Ventilation and Air conditioning</b>
Date	7 <sup>th</sup> December to 9 <sup>th</sup> December 2020
Venue	Online
Name of the Faculty	Mr Kishore
Objective	1. To improve air conditioning system skills. 2. To understand and specialize in HVAC and related instruments and devices used in HVAC systems.
Abstract of the Pedagogy class taken	This is Refrigeration and Air conditioning course aimed to provide exposure to Heating ventilation and Air conditioning building system that basically controls the climate of confined space with respect to requirements of person or goods in it. HVAC system is not only heating and cooling of air but also concerned with maintaining the <b>indoor air quality (IAQ)</b> . Heating of air is done usually in winter and similarly cooling of air is done in summer season
Outcome of the Pedagogy class	At the end of the course, students will be able to 1. Understand the fundamentals of HVAC, such as air flow in an air conditioning room, different types of air handlers, common air handling system conditions, and basic duct design. 2. Understand about HVAC instruments such as digital multi-meters, temperature probes, and climate gauges, as well as their applications in HVAC and system components, functions, and relationships within a system

*Kishore*

9/12/2020  
Principal & Head  
Dept. of Mechanical Engineering  
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Bengaluru - 560 074.



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**Department of Mechanical Engineering**

**Attendance for PEDAGOGY CLASS**

Sem - 3

Courses: Heating Ventilation and Air conditioning

Sl.No	USN	NAMES	07-12-2020	08-12-2020	09-12-2020
1	1DB19ME028	VINAYKUMAR K G	1	2	3
2	1DB19ME016	PRAMOD RAJU B	1	2	3
3	1DB19ME029	YASHAS GOWDA P	1	2	3
4	1DB19ME023	SHASHANK R	1	1	2
5	1DB19ME020	RAKSHITHA P	1	2	3
6	1DB19ME003	DAKSHINA MURTHY L	1	2	3
7	1DB19ME011	MANJESH N	1	1	2
8	1DB19ME024	SYED IMADUDDIN	1	2	3
9	1DB19ME019	PUNITH P	1	2	3
10	1DB19ME014	NAVEEN	1	2	3

*Jhin*  
8/12/2020  
Professor & Head  
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**Department of Mechanical Engineering**

Brief Report of Subjects handled in Pedagogy classes

Department: ME  
Semester: V

Name of the Subject /domain	Unigraphics NX Basics to Professional Career
Date	25/11/2020 to 27/11/2020
Venue	Online
Name of the Faculty	Mr.Dharshan B G
Objective	1. Basics of Unigraphics, Learn how to Create modeling 2. Learn about parametric based approach in designing models. 3. Assembly Workbench 4. Bill of materials management
Abstract of the Pedagogy class taken	In this training program of Unigraphics NX, students will learn how to create complex parts using the advanced part tools developed by Siemens. This course is designed for beginners and intermediate users to get complete knowledge on surface modeling commands. Learn how to create and design 3-D models, shapes using various commands like extrude, sweep, swept, revolve and many more. To have a comprehensive understanding of the physical and theoretical design factors that must be considered during the creation complex 3D part.  Using CAD package transforms the entire product development process by enabling organization to reduce waste, improve quality, shorten cycle time and deliver more innovative products.
Outcome of the Pedagogy class	At the end of the course, students will be 1. Capable of using these tools and techniques to create complex 3D part using this 3D modeling software. 2. Bill of materials generation and management 3. Detailed drawing using Geometrical dimensions and tolerances 4. Assembly Workbench and simulation

*Jhina*

*Dr. Dharshan B G*

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**Department of Mechanical Engineering**

Attendance for PEDAGOGY CLASS

Sem - 5th

Courses: Unigraphics NX Basics to Professional Career

Sl.No	USN	NAMES	25-11-2020	26-11-2020	27-11-2020
1	1DB18ME054	SANRAAB DUTTA	1	2	3
2	1DB18ME051	SACHIN NATH P M	1	2	3
3	1DB18ME002	ABHIJIT NARAYAN YADRAVAKAR	1	2	3
4	1DB18ME040	NITHIN GOWDA K	1	1	2
5	1DB18ME017	DEEKSHITH P	1	2	3
6	1DB18ME044	PRAJWAL V A	1	2	3
7	1DB18ME038	NAVEEN G	1	1	2
8	1DB18ME070	VIJAY Y	1	2	3
9	1DB18ME030	K H GOWDA	1	2	3
10	1DB18ME054	SANRAAB DUTTA	1	2	3

*Jhina*

23/11/2020  
Professor & Head  
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**Department of Mechanical Engineering**

Brief Report of Subjects handled in Pedagogy classes

Department: ME:

Semester: VII

Name of the Subject /domain	Advances in hydraulics
Date	21/10/2020 to 23/10/2020
Venue	Online
Name of the Faculty	Maresh S M
Objective	<ol style="list-style-type: none"><li>1. Expertise to develop solutions for fluid power equipment needs</li><li>2. Full Array of in-house and required field repairs of systems</li></ol>
Abstract of the Pedagogy class taken	Advance Hydraulics provides excellent products and services for hydraulic and pneumatic components and systems for in the automotive, construction, and manufacturing market segments. Designing a quality and to reduce cost of systems.
Outcome of the Pedagogy class	At the end of the course, students will be able to Utilize the latest in design technology, using "state of the art" 3D Computer Aided Design (CAD) systems, allowing us to communicate with the designers and researchers to enhance the following. <ol style="list-style-type: none"><li>1. Redesign and upgrades to existing equipment</li><li>2. New System equipment design and engineering</li></ol>

*Maresh S M*

23/10/2020

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**Department of Mechanical Engineering**  
Attendance for PEDAGOGY CLASS

Sem - 7th

Courses: Advances in hydraulics

Sl.No	USN	NAMES	21-10-2020	22-10-2020	23-10-2020
1	1DB17ME038	DURGA PRASAD R	1	2	3
2	1DB17ME099	RACHITH GURU	1	2	3
3	1DB17ME048	HARSHITH S	1	2	2
4	1DB17ME098	PUNEETH KUMAR G S	1	2	3
5	1DB17ME090	PAVAN H BHARADWAJ	1	2	3
6	1DB17ME008	ANWESH SAHOO	1	2	2
7	1DB17ME100	RAGHAVENDRA B	1	2	3
8	1DB17ME116	SHEREGAR SOORAJ SURENDRA	1	2	3
9	1DB17ME127	TEJUS B R	1	2	3
10	1DB17ME044	GAURAV B H	1	2	3
11	1DB17ME038	DURGA PRASAD R	1	2	3

  
Co-ordinator 23/10/2020

  
HOD-ME  
Professor 23/10/2020  
Dept. of Mechanical Engineering  
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**Department of Mechanical Engineering**

Date: 15<sup>th</sup> April 2021

**CIRCULAR**

It is to inform to the students that the special classes will be conducted for 6<sup>th</sup> & 4<sup>th</sup> semester students for the academic year 2020-2021 between 2:00 PM to 4:00 PM. These add-on classes will be beneficial to the students to develop better insight of subjects and applications in current trends. Interested students can benefit from this opportunity.

6 <sup>th</sup> SEM Student list for PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	1DB18ME054	SANRAAB DUTTA
2	1DB18ME051	SACHIN NATH P M
3	1DB18ME002	ABHJIT NARAYAN YADRAVAKAR
4	1DB18ME040	NITHIN GOWDA K
5	1DB18ME017	DEEKSHITH P
6	1DB18ME044	PRAJWAL V A
7	1DB18ME038	NAVEEN G
8	1DB18ME070	VIJAY Y
9	1DB18ME030	K H GOWDA
10	1DB18ME054	SANRAAB DUTTA

4 <sup>th</sup> SEM Student list for PEDAGOGY CLASS		
Sl.No	USN	NAMES
1	1DB19ME028	VINAYKUMAR K G
2	1DB19ME016	PRAMOD RAJU B
3	1DB19ME029	YASHAS GOWDA P
4	1DB19ME023	SHASHANK R
5	1DB19ME020	RAKSHITHA P
6	1DB19ME003	DAKSHINA MURTHY L
7	1DB19ME011	MANJESH N
8	1DB19ME024	SYED IMADUDDIN
9	1DB19ME019	PUNITH P
10	1DB19ME014	NAVEEN

*Hina*

15/4/2021  
Professor & Head

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**Department of Mechanical Engineering**

Date: 15<sup>th</sup> April 2021

Special Seminars for Advanced Learners (Online)

6<sup>th</sup> semester

Date/Time	2:30 PM – 4:00 PM
14/06/2021	Advances in Machine design
15/06/2021	Advances in Machine design
16/06/2021	Advances in Machine design

4<sup>th</sup> semester

Date/Time	2:30 PM – 4:00 PM
13/07/2021	Computational fluid dynamics
14/07/2021	Computational fluid dynamics
15/07/2021	Computational fluid dynamics

  
Professor & Head  
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**Department of Mechanical Engineering**

Brief Report of Subjects handled in Pedagogy classes

Department: ME  
Semester: IV

Name of the Subject /domain	Computational fluid dynamics
Date	13/07/2021 to 15/07/2021
Venue	Online
Name of the Faculty	Dr Arun A Magadam
Objective	<ol style="list-style-type: none"><li>3. To help the students understand the fundamentals and relevance of fluid mechanics in the broader context of engineering sciences in general, and automotive engineering in particular</li><li>4. To enable students to understand fluid properties and apply laws of fluid mechanics and analyse fluid flows through different configurations along with the measurement of flow parameters.</li></ol>
Abstract of the Pedagogy class taken	Computational fluid dynamics (CFD) makes it possible to use the equations governing fluid motion for a large range of complex situations, providing both insight and quantitative predictions. The fluid equations are replaced by discrete approximations at grid points that must be close enough so that the solution is independent of the grid point spacing. The discrete equations are derived using finite differences or finite volumes, linking the different grid points together. Solution strategies using a regular structured grid result in simple, accurate and robust <u>numerical schemes</u> that are suitable for <u>rectangular geometries</u> . These schemes can, however, be extended to more complex domains using body fitted grids and mapped equations. While solution strategies for <u>incompressible and compressible flows</u> have much in common, there are important differences.
Outcome of the Pedagogy class	At the end of the course, students will be able to <ol style="list-style-type: none"><li>1. Understand basic knowledge of computational methods in Fluid flow applications</li><li>2. Analyze Initial Boundary Value problems and determine various quantities of Interest.</li></ol>

*Jhish...*  
15/7/21  
**Professor & Head**

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**Department of Mechanical Engineering**

Sem - 4th

Courses: Computational fluid dynamics

Sl.No	USN	NAMES	13-07-2021	14-07-2021	15-07-2021
1	1DB19ME028	VINAYKUMAR K G	1	2	3
2	1DB19ME016	PRAMOD RAJU B	1	2	3
3	1DB19ME029	YASHAS GOWDA P	1	2	3
4	1DB19ME023	SHASHANK R	1	2	3
5	1DB19ME020	RAKSHITHA P	1	2	3
6	1DB19ME003	DAKSHINA MURTHY L	1	2	3
7	1DB19ME011	MANJESH N	1	2	3
8	1DB19ME024	SYED IMADUDDIN	1	1	2
9	1DB19ME019	PUNITH P	1	2	3
10	1DB19ME014	NAVEEN	1	2	3

*Jhin*  
15/7/21

**Professor & Head**  
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**Department of Mechanical Engineering**

Brief Report of Subjects handled in Pedagogy classes

Department: ME

Semester: VI

<b>Name of the Subject /domain</b>	<b>Advances in Machine design</b>
<b>Date</b>	14/06/2021 to 16/06/2021
<b>Venue</b>	Online
<b>Name of the Faculty</b>	Ranganatha S R
<b>Objective</b>	<ol style="list-style-type: none"><li>3. Expertise to Design and analysis for Automobile, Machine tool and Aircraft components</li><li>4. To teach students how to apply computer based techniques in the analysis, design and/or selection of machine components.</li><li>5. To illustrate to students the variety of mechanical components available and emphasize the need to continue learning</li></ol>
<b>Abstract of the Pedagogy class taken</b>	Advance Machine Design is a excellent topics it covers the Design and analysis of components were used in Automobile, aircraft and marine industries with simple steps and procedure with considering the factor of safety and this also covers selection of materials, methods, procedure According standards ASTM
<b>Outcome of the Pedagogy class</b>	At the end of the course, students will be able to <ol style="list-style-type: none"><li>3. The students will demonstrate the ability to apply the fundamentals of stress analysis, theories of failure and material science in the design of machine components. Redesign and upgrades to existing equipment</li><li>4. Students will demonstrate the ability to seek and learn new material in addition to the class topics through the completion of an open-ended project. The amount as well as the depth of new material identified and used by the students is measurable indicators of the students' performance.</li><li>5. Students will demonstrate the ability to take technical, safety, legislative and other issues such as environmental into account when selecting and/or designing mechanical systems</li></ol>

*Jhina*

Professor & Head 6/2021  
Dept. of Mechanical Engineering  
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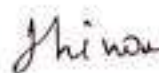
**Department of Mechanical Engineering**

Sem - 6th

Courses: Advances in Machine design

SLNo	USN	NAMES	14-06-2021	15-06-2021	16-06-2021
1	1DB18ME054	SANRAAB DUTTA	1	2	3
2	1DB18ME051	SACHIN NATH P M	1	2	3
3	1DB18ME002	ABHIJIT NARAYAN YADRAVAKAR	1	2	3
4	1DB18ME040	NITHIN GOWDA K.	1	2	3
5	1DB18ME017	DEEKSHITH P	1	2	3
6	1DB18ME044	PRAJWAL V A	1	2	3
7	1DB18ME038	NAVEEN G	1	2	3
8	1DB18ME070	VIJAY Y	1	2	3
9	1DB18ME030	K H GOWDA	1	2	3
10	1DB18ME054	SANRAAB DUTTA	1	2	3

  
Co-ordinator 16/6/2021

  
HOD-ME 16/6/2021  
Professor & Head  
Dept. of Mechanical Engineering  
Don Bosco Institute of Technology  
Bengaluru - 560 074.



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Mysore Road, Kumbalagodu, Bangalore-74



**DEPARTMENT OF CHEMISTRY**

**Date: 03/09/2021**

**CIRCULAR**

It is to inform to the students that the special classes will be conducted for II Sem 2020-2021 odd semester students between 3 pm to 4.45 pm. These add-on classes will be beneficial to the students to develop better insight of subjects and applications in current trends. Interested students can benefit from this opportunity.

<i>Date &amp; Time</i>	<i>3.00 - 3.50pm</i>	<i>3.50-4.45pm</i>
6-9-2021	Fundamental aspects of nano science	Density of states in nanostructures for different dimensions
7-9-2021	Structure of Carbon nanotubes and different method of Synthesis of CNT	Synthesis of nano materials : top down approach
8-9-2021	Synthesis of nano materials : Bottom up approach	Nanolithography
9-9-2021	Characterization techniques: 1. Working principal of SEM	Characterization techniques 2. Working principal of TEM

  
Coordinator

  
HOD-CHEMISTRY



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**DEPARTMENT OF CHEMISTRY**

Brief Report of Subjects handled in Pedagogy classes

Department: CHEMISTRY

Name of the Subject /domain	Properties and applications of nanomaterials
Date	
Venue	Class Room -110
Name of the Faculty	Prof. SUSHMA N V
Objective	This module will provide the student with an understanding various strategies involved in synthesis of nanomaterials, their characterizations and potential applications. The goal of the course will be to prepare and train students in this evolving technology which lies at the interfaces of chemistry, physics and biology.
Abstract of the Pedagogy class taken	Nanotechnology refers to the world as it works on the nanometer scale from below a nanometer to a few hundred nanometers. The synthesis and control of nanomaterials will involve so-called "bottom up" strategies of self-assembly starting with the smallest possible entities, such as atoms and molecules, much in the same way as synthesis is conducted in biological systems. Some "top down" mechanical methods were discussed. The course started with fundamental concepts and then proceeded to nanoscale phenomena and properties, followed by discussions on the synthesis and self-assembly of nanomaterials and methods for their characterization. Emerging and potential applications of nano materials were considered in the final segment of the course.
Outcome of the Pedagogy class	This course on Nanomaterials has introduced the advanced learners of first year B.E. students to the emerging area of nanotechnology that has the potential to revolutionize techniques by which materials and products will be created in the future with new and superior properties and functionalities.

*N.V. Constan*  
Name and signature of the Faculty

*MATS*  
FROD





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Mysore Road, Kumbalagodu, Bangalore-74



**DEPARTMENT OF CHEMISTRY**

Date: 03/09/2021

**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 II semester students (2020-2021) apart from the regular classes.

1 <sup>st</sup> SEM Student list for PEDAGOGY CLASS							
S L N O	USN	NAMES	Avg % of I & II IA marks	SL NO	USN	NAMES	Avg % of I & II IA marks
1	1DB20CS001	AASTHAJAIN	39	11	1DB 20CS119	TOKALA PUJA SAI VISHALA HAINDAVI	39
2	1DB 20CS002	ABHIMANYU SURESH	39	12	1DB 20CS123	VARSHA A	39
3	1DB 20CS004	ABHISHEK JAGADISH	40	13	1DB 20EC004	AKSHAY C S	40
4	1DB 20CS006	ABHISHEK R	40	14	1DB 20EC006	ANUSHREE	40
5	1DB 20CS065	LILITH K	38	15	1DB 20EC007	APOORVA M	38
6	1DB 20CS066	LOHITHKUM AR A	39	16	1DB 20EC012	BHARATH V	38
7	1DB 20CS090	M ROSHINI	40	17	1DB 20EC038	JAYASHREE A R	40
8	1DB 20CS082	PADMA N	40	18	1DB 20EC046	LIKITHKUMAR S	38
9	1DB 20CS078	NISCHITHA D	38	19	1DB 20EC062	PAVAN M	40
10	1DB 20CS088	RACHANA B	40	20	1DB 20EC054	NANDHAN K R	39

  
Coordinator

  
HOD-CHEMISTRY



**1<sup>st</sup> SEM Student Attendance for PEDAGOGY CLASS**

Sl.No	Roll no.	Name	6-9-2021	7-9-2021	8-9-2021	9-9-2021
1	20CS013	ANANYA S	1	2	3	4
2	20CS018	ARJUN V	1	1	2	3
3	20CS021	ASHIKA A	1	2	3	3
4	20CS024	BHOOMIKA K N	1	2	2	2
5	20CS060	LIKITH K	1	2	3	4
6	20CS078	NITHISH K L	1	2	3	4
7	20CS084	R SAI VINAY	1	1	2	3
8	20CS089	SAHIL SUNIL OVEKAR	1	2	3	4
9	20CS093	SHALINI P	1	2	3	4
10	20CS095	SHASHANK GOWDA R	1	2	3	4
11	20CS096	SHASHANK S	1	2	3	4
12	20CS101	SHUBHA N	1	2	3	4
13	20CS109	SURABHI K	1	2	3	4
14	20CS118	USHA N	1	2	3	4
15	20CS121	VARSHINI M	1	2	3	4
16	20CS127	YASHAVANTH N	1	1	2	3
17	20EC003	AKASH AJOY KUMAR	1	2	3	4
18	20EC037	JAHNAVI G SHETTY	1	2	3	4
19	20EC046	LALITHASHREE K	1	2	3	4
20	20EC084	SOWNDARYA V	1	2	3	4



**DEPARTMENT OF CHEMISTRY**

**2.2.1 Methodologies to assess the learning levels of the students**

1. Guidelines for identifying *Advanced Learners*
2. Sample reports of activities conducted for Advanced Learners:
  - i) Discussion on advanced topic
  - ii) Motivating and assisting to accomplish mooc online programs like nptel
3. Guidelines for identifying *Slow Learners*
4. Measures taken for improving academic performance of Slow Learners
5. Sample reports of Measures taken for Slow Learners:
  - i) Remedial Classes
  - ii) Individual academic counseling

**Guidelines for identifying Advanced Learners (bright students):**

- Advanced Learners (bright students) are those students who are capable of spreading their knowledge wings. Also students are provided enhanced learning through co-curricular activities, extracurricular activities etc.
- Advanced Learners are identified based on the performance in University Examination of previous semester and internal examinations. Students with CGPA > 8 are listed for advanced learning

Following Special activities are conducted for Advanced Learners:

- i) Guiding for career planning
- ii) Discussion or seminar on the advanced topic
- iii) Motivated to present research papers in conferences/Journals
- iv) Encouraging participation in various activities like symposiums, quiz, Conferences, inter institution competition etc.

**Guidelines for slow learner (Weak Students):**

- Slow learner are those who need extra and repetitive teaching on the subjects or topics for their performance improvement to make them meet above average students atpar.
- Slow learners are identified based on their performance in University Examination of previous semester and internal examinations. Students with more than 2 backlogs are listed.

Measures taken for improving academic performance of these students

- (i) Remedial/Extra classes are conducted on the subject/topic codes in which the students are found to face difficulty in learning.
- (ii) Individual academic counseling is done by concerned subject teacher.
- (iii) Students study groups are formed for peer-to-peer learning.
- (iv) Personal counseling is done through mentoring scheme. Slow learners are counseled and motivated by the mentors.



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF TELECOMMUNICATION ENGINEERING**



Date: 09/01/2021

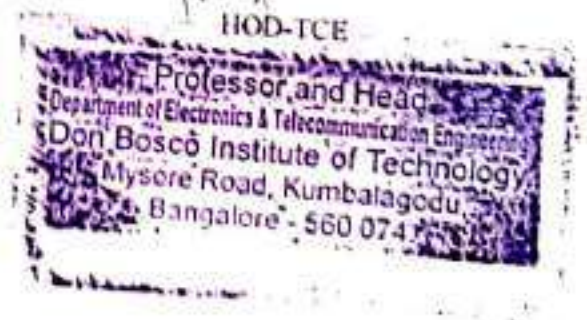
**CIRCULAR**

Regarding: *Facilitating the Absentee 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 5<sup>th</sup> semester students (2020-21 ODD SEMESTER) apart from the regular classes.

**5<sup>th</sup> semester**

Sl No.	USN	Student Name	CGPA
1	1DB18TE001	ARCHANA C	7.98
2	1DB18TE002	BIJUMIKA S D	8.07
3	1DB18TE009	POORVITHA H R	8.25
4	1DB18TE010	RUTHUR	8.1
5	1DB18TE013	SHALINIS	7.95

  
HOD-TCE







**DON BOSCO INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF TELECOMMUNICATION ENGINEERING**



Brief Report of Subjects handled in Pedagogy classes: ODD Semester 2020-21

Department: Telecommunication Engineering

Name of the Subject /domain	Introduction to Machine learning concepts(5 <sup>th</sup> Semester)
Date	11/1/21,12/1/21,13/1/21,15/1/21,16/1/21
Venue	DBIT, Bangalore
Name of the Faculty	Kishor Kumar R
Objective	The primary purpose of <b>machine learning</b> is to find patterns in the data and then make predictions based on these and for answering business questions and solving business problems. Machine learning helps in analyzing the data as well as identifying trends.
Abstract of the Pedagogy class taken	AI and ML is the next big thing in industrial automation. The 4.0 industrial standards were explained with the necessity of multi-disciplinary needs to be learnt by students of today including big data, cloud computing, sensors, 3D printing etc. Different concepts of Artificial Intelligence, Deep Learning, Machine Learning and their interrelations were explained in detail. Structured and unstructured data, use of AI to convert unstructured data structured data with examples were given. Very good analogies of common life were given to make the students understand the concept of reinforcement. An overview of the algorithms and machine learning terminologies like pandas, feature set, feature extraction was given. Applications of ML in email spam filtering, video recommendations, health care were briefed.
Outcome of the Pedagogy class	Develop an appreciation for what is involved in Learning models from data. Understand a wide variety of learning algorithms. Apply the algorithms to a real problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models.

Name and signature of the Faculty

HOD, TCE

Professor and Head,  
Department of Electronics & Telecommunication Engineering  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu,  
Bangalore - 560 074.





**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Telecommunication Engineering  
Advanced Learning Classes 2020-21 ODD semester  
**Introduction to Machine learning concepts**



5th Sem			DAY1	DAY2	DAY3	DAY4	DAY5
1	IDBISTE001	ARCHANA C	P	P	P	P	P
2	IDBISTE002	BHUMIKA S D	P	P	A	P	P
3	IDBISTE009	POORVITHA H R	P	P	P	P	P
4	IDBISTE010	RUTHU R	P	P	P	P	P
5	IDBISTE013	SHALINI S	P	A	P	P	P

  
HOD

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