GALGOTIAS UNIVERSITY
Uttar Pradesh
CREATING KNOWLEDGE

Dear Students,

At the outset, I hope you & everyone around you are healthy and happy.

The placements season is almost here! As students who are entering their final year, landing a job is going to be the most important thing that you would focus on. However, the current market conditions are posing a challenge! Companies are not looking to hire in as much volume like they did the previous years. This means that competition is going to be high & you will have to be very skilled & prepared to land that dream job. You will have to work harder than your seniors to reach that goal.

1. **To help you get there, we have engaged an external training partner FACE. (know more about them here: faceprep.in).** FACE is one of the most experienced placement training partner for reputed institutions like IIT Madras, Bombay, NIT Allahabad, PEC Chandigarh, VIT University, SRM and many more… They have trainers on board with 10+ years of experience and proven track record. We have listened to them and believe that they are going to guide you the right way.
2. **This training is going to go on for roughly 45 days. This training will go on for 6 hrs every day with an extra doubt clarification session of 1 hr on alternate days and it is broadly divided into:**
    - **Aptitude:** Quantitative Aptitude, Verbal Ability & Logical reasoning
    - **Technical Training:** C++ & Python
    - **Soft-skills:** Resume-writing & Interview
    - **Company-specific training**
    - **This is backed up by daily topic level tests (provided through their platform), Company level mock tests.**
3. **Your attendance will be tracked regularly through online mode itself.** Without this training 100% completion which is free of cost, you shall not be allowed to participate in placement activities. Even if you are not interested in placement this training shall be essential for all final year engineering graduate and shall carry lot of value to enhance your life skills.
4. **Feedback:** You will also be asked to fill a feedback form regularly to monitor how the training is going on. At any point of time, if you have any feedback to share you can reach out to me or your respective department heads.

Take care of your health, stay home & stay safe.

Thanks and Regards,

Dr Preeti Bajaj
Vice Chancellor
Enclosures: 1. Instructions (Dos and Donts0
2. Academic courses timetable during training
3. Training contents

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Instructions regarding Training program – Dos and Don'ts

1. All students who are expected to graduate from the University (Engineering & MCA) in the academic session 2020-21 will be given training by the University.
2. The Training will be free of cost and will be mandatory for all registered students
3. Training will be for 6 hrs daily with 1 hr additional QA session by trainers on alternate days
4. Feedback on training will be collected daily and analysed for effectiveness
5. Assessments will be conducted on regular basis and assessment reports will be shared
6. Training will mainly focus on Aptitude, Quantitative, Reasoning skills, along with domain specific coding skills (C, C++, Data Structure etc and python (20Hours) . Detailed Training schedule is attached.
7. **Out of 5 subjects of final year 2 shall be held every day (**Daily morning 8:30 – 10:30 slots will be for regular academic teaching of Core Courses) **and then Face training. Webinar shall be in a batch of 300 however practice shall be one on one.**
8. **Two IA components will be mapped with all courses of 7th Semester and will be based on the performance in the assessments conducted.**
9. Training will be conducted in 2 slots. In the first slot, 600 students from Computer Science and 300 Students from Core engineering will be trained.
10. Training will start at 11:00 am and will be conducted in 4 slots of 1:30 mins each
    a. Slot 1: 11:00 am - 12: 30 pm
    b. Slot 2 : 12:45 pm – 2:15 pm
    c. Slot 3 : 2:45 pm – 4:15 pm
    d. Slot 4: 4:30 pm – 6:00 pm
    e. Slot 5 : 6:30 pm to 7:30 pm (on alternate Days) QA session

11. Attendance will be mandatory and will be monitored through RF campus.
12. The training will be for 45 days and will be targeted towards Day 1 campus recruitment.
13. The training shall be followed by company specific training and test for day 1 companies which shall also be mandatory for all.
14. The entire session will be conducted through Microsoft Teams. Coordinators for various schools are as follows

	School Coordinator	Overall coordinator
SCSE	"Dr. Pallavi Murghai Goel" <pallavi.goel@galgotiasuniversity.edu.in>	
SOME	Kaushalendra Kumar dubey <kaushalendra.dubey@galgotiasuniversity.edu.in>	Dr D Rajesh Kumar,
SOCE	Prof Osha Rani, osharani.sahoo@galgotiasuniversity.edu.in	
SEECE	Mr D Saravanan <d.saravanan@galgotiasuniversity.edu.in>	

15. Each group will have 300 students, attached to a MS teams account and course contents will be delivered online
16. The activity of all students will be monitored and in case of any indiscipline, the students will be expelled from the training session and will not be permitted to sit for and ON/OFF campus placements facilitated by GU, apart from academic action as deemed by the university rules and regulations
17. Students must attend all sessions.

18. **Most importantly, remember, practice makes a everything perfect. Even though training is given by experts, I request you to practice daily. The more and more you practice, more confidently you will be able to meet to face the Placement Season.**

Let me extend my sincere thanks and gratitude to the students for the support extended. Together lest make the placement season 2020-21 a grad success amidst the Pandemic.

Program	Section		Name of the Course Teacher	Name of the Course	Course Code	Tuesday	Wednesday	Thursday	Friday	Saturday
B.Tech in Ciivil Engineering	1	Course 1	Mr. Deepak Soni	Advanced Hydrology	BTCE3025	8.30- 9.30	8.30- 9.30	8.30- 9.30	8.30- 9.30	8.30- 9.30
		Course 2	Mr. Nazim Ali	Bridge Engineering	BTCE3017	9.30- 10.30	9.30- 10.30	9.30- 10.30	9.30- 10.30	9.30- 10.30
	2	Course 1	Mr Ayub Yasin	Advanced Hydrology	BTCE3025	8.30- 9.30	8.30- 9.30	8.30- 9.30	8.30- 9.30	8.30- 9.30
		Course 2	Dr Biswas	Bridge Engineering	BTCE3017	9.30- 10.30	9.30- 10.30	9.30- 10.30	9.30- 10.30	9.30- 10.30
B.Tech in Electronics and Communicatio n Engineering	1	Course 1	Mr. Puneet Panchal	Sensors and Actuators	BECE4505	8.30- 9.30	9.30-10.30	8.30-9.30		
		Course 2 (Elective)	Dr. Rohit Tripathi	Introduction to IoT and its Applications	BECE4501	9.30- 10.30	8.30-9.30	9.30-10.30		

		Course 2 (Elective)	Mr. Murugananda m	Optical Communicatio n	BECE3106	9.30- 10.30	8.30-9.30	9.30-10.30		
B. Tech. in Electrical and Electronics Engineering	1	Course 1	Ms. Indu	Analog and Digital Communicatio n	BEEE4003	8.30- 9.30	9.30-	8.30-9.30		
		Course 2	Mr. Saravanan D	Power Electronics	BTEE3011	9.30- 10.30	8.30-9.30	9.30-10.30		
B. Tech. in Electrical Engineering	1	Course 1	Mr. Lokesh Garg	Electrical and Hybrid Vehicle	BEE02T500 3	8.30- 9.30	9.30-10.30	8.30-9.30		
		Course 2	Mr. Rabindranath Shaw	Energy Assessment and Audit	BTEE4011	9.30- 10.30	8.30-9.30	9.30-10.30		
Mechanical Engineering	1	Course 1	Mr K K Dubey	Energy Systems and Technologies	BTME4001	8:30 to 9:30	8:30 to 9:30	8:30 to 9:30		
		Course 2	Mr Anurag Shanu	Quality and Reliability Engineering	BTME4006	9:30 to 10:30	9:30 to 10:30	9:30 to 10:30		

Automobile Engineering	1	Course 1	Mr Shrikanth vidya	CAD/CAM	BAUT4001	8:30 to 9:30	8:30 to 9:30	8:30 to 9:30		
		Course 2	Mr Anurag Shanu	Quality and Reliability Engineering	BTME4006	9:30 to 10:30	9:30 to 10:30	9:30 to 10:30		
B.Tech CSE	2	Course 1	P RAJAKUMAR	APP DEVELOPMENT FOR ANDROID (LAB)	BCSE4036	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30
		Course 2	Deepica.S	Cloud Computing Technologies	BCSE4067	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30
B.Tech CSE	5	Course 1	HIMANSHU PUNDIR	APP DEVELOPMENT FOR ANDROID (LAB)	BCSE4036	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30
		Course 2	Ajay Kaushik	Cloud Computing Technologies	BCSE4067	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30
B.Tech CSE	6	Course 1	S.P.RAMESH	APP DEVELOPMENT FOR ANDROID (LAB)	BCSE4036	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30

		Course 2	Heena Khera	Cloud Computing Technologies	BCSE4067	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30
B.Tech CSE	7	Course 1	karthick.R	APP DEVELOPMENT FOR ANDROID (LAB)	BCSE4036	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30
		Course 2	Deepica.S	Cloud Computing Technologies	BCSE4067	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30
B.Tech CSE	8	Course 1	B.Bharathi kannan	APP DEVELOPMENT FOR ANDROID (LAB)	BCSE4036	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30
		Course 2	S.Jerald Nirmal Kumar	Cloud Computing Technologies	BCSE4067	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30
B.Tech CSE	9	Course 1	Janarthanan.S	APP DEVELOPMENT FOR ANDROID (LAB)	BCSE4036	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30
		Course 2	S.Jerald Nirmal Kumar	Cloud Computing Technologies	BCSE4067	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30

B.Tech CSE	10	Course 1	ANKIT KUMAR	APP DEVELOPMENT FOR ANDROID (LAB)	BCSE4036	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30
		Course 2	Heena Khera	Cloud Computing Technologies	BCSE4067	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30
B.Tech CSE	11	Course 1	Umesh Kumar Gupta	APP DEVELOPMENT FOR ANDROID (LAB)	BCSE4036	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30
		Course 2	karthick.R	Cloud Computing Technologies	BCSE4067	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30
B.Tech CSE	12	Course 1	S.Prakash	APP DEVELOPMENT FOR ANDROID (LAB)	BCSE4036	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30	8.30-9.30
		Course 2	Ajay Kaushik	Cloud Computing Technologies	BCSE4067	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30	9.30 -10.30

Training Schedule (11:00 am - 5:45 pm)

Day	Area	Section	Topic	Sub-topics	Duration (hours)
6	Programming	FOP C++	Introduction to Programming	Compilation, Namespace, Header file, Data types , Variables, Declaration, Scope of variables	1.5
6	Programming	FOP C++	Working with IO & Operators	Declaration, Input - Output, Type conversions, Operators	1.5
6	Programming	FOP C++	Coding Practice	Input - Output	1.5
6	Programming	FOP C++	Coding Practice	Working with Operators	1.5
7	Programming	FOP C++	Decision Making	Need of decision making, if, if else, switch	1.5
7	Programming	FOP C++	Iterations & Loop control statements	For, While, Do-while, break, continue, etc.,	1.5
7	Programming	FOP C++	Coding Practice	Decision Making	1.5
7	Programming	FOP C++	Coding Practice	Decision Making	1.5
8	Programming	FOP C++	Iterations	Pattern Programming	1.5
8	Programming	FOP C++	Working with Arrays & Pointers	1D - Static & Dynamic	1.5
8	Programming	FOP C++	Coding Practice	Iterations	1.5
8	Programming	FOP C++	Coding Practice	Iterations	1.5
9	Programming	FOP C++	Working with 2D - Arrays	2D - Static, Dynamic	1.5
9	Programming	FOP C++	Functions	Call by value & Call by reference, With and Without arguments	1.5
9	Programming	FOP C++	Coding Practice	Arrays - 1D	1.5
9	Programming	FOP C++	Coding Practice	Arrays - 1D	1.5
10	Programming	FOP C++	Recursion	Recursion	1.5
10	Programming	FOP C++	Strings, Character array Vs Strings	Strings, Character array	1.5
10	Programming	FOP C++	Coding Practice	Arrays - 2D	1.5
10	Programming	FOP C++	Coding Practice	Arrays - 2D	1.5

11	Programming	FOP C++	Structure & Union	Structure using pointers	1.5
11	Programming	FOP C++	Storage class, Command Line Arguments	Command Line Arguments	1.5
11	Programming	FOP C++	Coding Practice	Recursion	1.5
11	Programming	FOP C++	Coding Practice	Strings	1.5
12	Programming	FOP C++	Dynamic memory allocation, macros	new and delete, malloc vs new, macros	1.5
12	Programming	FOP C++	MCQs	MCQs	1.5
12	Programming	FOP C++	Coding Practice	Structure & Union	1.5
12	Programming	FOP C++	Coding Practice	Structure & Union	1.5
20	Programming	OOPS using C++	Intro to OOPs, Class and Objects	Introduction to OOPs, Class declaration and object creation, Structure Vs Class, Scope resolution operator	1.5
20	Programming	OOPS using C++	Classes and Objects	Constructor & Destructor, this pointer, static, Access specifiers	1.5
20	Programming	OOPS using C++	Coding Practice	Classes and objects	1.5
20	Programming	OOPS using C++	Coding Practice	Classes and objects	1.5
21	Programming	OOPS using C++	Classes and Objects	local class, nested class, friend function, inline function,	1.5
21	Programming	OOPS using C++	Encapsulation & Abstraction	Encapsulation and Abstraction	1.5
21	Programming	OOPS using C++	Coding Practice	Classes and objects	1.5
21	Programming	OOPS using C++	Coding Practice	Classes and objects	1.5
22	Programming	OOPS using C++	Polymorphism	Compile time polymorphishm - Method overloading and Method overriding	1.5
22	Programming	OOPS using C++	Polymorphism	Runtime polymorphism - Virtual functions and Pure virtual functions	1.5
22	Programming	OOPS using C++	Coding Practice	Polymorphism	1.5

22	Programming	OOPS using C++	Coding Practice	Polymorphism	1.5
23	Programming	OOPS using C++	Inheritance	Inheritance and its types	1.5
23	Programming	OOPS using C++	Inheritance	Ambiguity in Multiple inheritance, Aggregation and Composition	1.5
23	Programming	OOPS using C++	Coding Practice	Inheritance	1.5
23	Programming	OOPS using C++	Coding Practice	Inheritance	1.5
24	Programming	OOPS using C++	Exception handling	try / catch block	1.5
24	Programming	OOPS using C++	Template	Function and Class template	1.5
24	Programming	OOPS using C++	Coding Practice	Exception handling	1.5
24	Programming	OOPS using C++	Coding Practice	Template	1.5
25	Programming	Basic DS/ STL	List Implementation using Linked List	Introduction to Linked List	1.5
25	Programming	Basic DS/ STL	List Implementation using Linked List	List Implementation	1.5
25	Programming	Basic DS/ STL	Coding Practice	Linked List	1.5
25	Programming	Basic DS/ STL	Coding Practice	Linked List	1.5
26	Programming	Basic DS/ STL	Introduction to Stack	Stack Operations	1.5
26	Programming	Basic DS/ STL	Introduction to Queue	Queue Operations	1.5
26	Programming	Basic DS/ STL	Coding Practice	Stack Implementation	1.5
26	Programming	Basic DS/ STL	Coding Practice	Implementation of Queue	1.5
27	Programming	Basic DS/ STL	Introduction to Trees	Terminology, Binary Tree	1.5

27	Programming	Basic DS/ STL	Binary Search tree	Binary Tree Traversals, Operations	1.5
27	Programming	Basic DS/ STL	Coding Practice	Tree Implementation	1.5
27	Programming	Basic DS/ STL	Coding Practice	Tree Traversals	1.5
28	Programming	Basic DS/ STL	Introduction to Graph	Basic Properties - Degree, Path & Implementation	1.5
28	Programming	Basic DS/ STL	STL - Algorithms	Searching, Sorting and other important STL Algorithms	1.5
28	Programming	Basic DS/ STL	Coding Practice	Graph	1.5
28	Programming	Basic DS/ STL	Coding Practice	STL - Algorithms	1.5
29	Programming	Basic DS/ STL	STL - Containers	Vector, list, deque, arrays, queue, set, map, etc.,	1.5
29	Programming	Basic DS/ STL	STL - Functions, Iterators and Utility library	Functors, Iterators and Pair	1.5
29	Programming	Basic DS/ STL	Coding Practice	STL - Containers	1.5
29	Programming	Basic DS/ STL	Coding Practice	STL - Functions, Iterators	1.5
Closer to company dates	Wipro Company-Specific	Coding	Most repeating questions		15
Closer to company dates	Cognizant Company-Specific	Coding/ debugging	Most repeating questions		9