

Guru Nanak Dev Engineering College, Ludhiana
Civil Engineering Department

No. _____

Date _____

The detailed content of Training – I of 1st year Civil Engineering students is as below:

Duration: 4 weeks Students will be divided in 4 groups and will undergo training on rotation basis.

Week: 1

Group	Day	Content	Name of Faculty	Venue
1	1	Solid modeling through Python	Dr. H S Rai (Incharge) Prof. Sukhwinder Singh (N) and team	Room G3
	2	Solid modeling through Python		
	3	Solid modeling through Python		
	4	Solid modeling through Python		
	5	Evaluation – report writing/presentation/viva		
2	1	Solid modeling through Python	Dr. H S Rai (Incharge) Prof. Sukhwinder Singh (N) and team	Room G3
	2	Solid modeling through Python		
	3	Solid modeling through Python		
	4	Solid modeling through Python		
	5	Evaluation – report writing/presentation/viva		
3	1	Collection of different materials to be used in civil engineering projects like cement, sand, aggregates, reinforcement bar, etc	Prof. Gurbuneet Singh (Incharge) Prof. Pritpal Kaur Prof. Heena Malhotra	Room G1
	2	Compilation of different materials to be used in civil engineering projects like cement, sand, aggregates, reinforcement bar, etc in the form of Scrapbook, charts, etc		
	3	Sketching/drafting practice for different buildings, its components, views, sections, etc	Prof. Gagandeep Kaur (Incharge) Prof. Sandeep Kaur Er. Yogesh Sharma Ar. Jaspal Kaur	S201 & S202
	4	Sketching/drafting practice – Compilation in the form of a drawing notebook and models		
	5	Evaluation – report writing/presentation/viva	Incharge and team	
4	1	Visit to a Brick Kiln	Prof. Gurbir Kaur (Incharge) Prof. Prabhjot Singh Prof. SukhwinderPal Singh Prof. Mavinder Kingra	
		Visit to a concrete batching plants (RMC plant)		
	2	Visit to a water treatment plant	Prof. Sandeep Kaur (Incharge) Prof. Rajwinder Singh Prof. SukhwinderPal Singh Prof. Amritpal Kaur	
		Visit to a construction site		
	3	Evaluation – report writing/presentation/viva	Incharge and team	

Week: 2

Group	Day	Content	Name of Faculty	Venue
1	1	Solid modeling through Python	Dr. H S Rai (Incharge) Prof. Sukhwinder Singh (N) and team	Room G3
	2	Solid modeling through Python		
	3	Solid modeling through Python		
	4	Solid modeling through Python		
	5	Evaluation – report writing/presentation/viva		
2	1	Solid modeling through Python	Dr. H S Rai (Incharge) Prof. Sukhwinder Singh (N) and team	Room G3
	2	Solid modeling through Python		
	3	Solid modeling through Python		
	4	Solid modeling through Python		
	5	Evaluation – report writing/presentation/viva		
4	1	Collection of different materials to be used in civil engineering projects like cement, sand, aggregates, reinforcement bar, etc	Prof. Gurbuneet Singh (Incharge) Prof. Pritpal Kaur Prof. Heena Malhotra	Room G1
	2	Compilation of different materials to be used in civil engineering projects like cement, sand, aggregates, reinforcement bar, etc in the form of Scrapbook, charts, etc		
	3	Sketching/drafting practice for different buildings, its components, views, sections, etc	Prof. Gagandeep Kaur (Incharge) Prof. Sandeep Kaur Er. Yogesh Sharma Ar. Jaspal Kaur	S201 & S202
	4	Sketching/drafting practice – Compilation in the form of a drawing notebook and models		
	5	Evaluation – report writing/presentation/viva	Incharge and team	
3	1	Visit to a Brick Kiln	Prof. Gurbir Kaur (Incharge) Prof. Sahibdeep Singh Prof. Prabhjot Singh Prof. Mavinder Kingra	
		Visit to a concrete batching plants (RMC plant)		
	2	Visit to a water treatment plant	Prof. Sandeep Kaur (Incharge) Prof. Sukhwinderpal Singh Prof. Rajwinder Singh Prof. Amritpal Kaur	
		Visit to a construction site		
	3	Sketching/drafting practice for different buildings, its components, views, sections, etc	Prof. Gagandeep Kaur (Incharge) Prof. Sandeep Kaur Er. Yogesh Sharma Ar. Jaspal Kaur	S201 & S202
4	Sketching/drafting practice – Compilation in the form of a drawing notebook and models			
5	Evaluation – report writing/presentation/viva	Incharge and team		

Week: 3

Group	Day	Content	Name of Faculty	Venue
3	1	Solid modeling through Python	Dr. H S Rai (Incharge) Prof. Sukhwinder Singh (N) and team	Room G3
	2	Solid modeling through Python		
	3	Solid modeling through Python		
	4	Solid modeling through Python		
	5	Evaluation – report writing/presentation/viva		
4	1	Solid modeling through Python	Dr. H S Rai (Incharge) Prof. Sukhwinder Singh (N) and team	Room G3
	2	Solid modeling through Python		
	3	Solid modeling through Python		
	4	Solid modeling through Python		
	5	Evaluation – report writing/presentation/viva		
1	1	Collection of different materials to be used in civil engineering projects like cement, sand, aggregates, reinforcement bar, etc	Prof. Gurbuneet Singh (Incharge) Prof. Pritpal Kaur Prof. Heena Malhotra	Room G1
	2	Compilation of different materials to be used in civil engineering projects like cement, sand, aggregates, reinforcement bar, etc in the form of Scrapbook, charts, etc		
	3	Sketching/drafting practice for different buildings, its components, views, sections, etc	Prof. Gagandeep Kaur (Incharge) Prof. Sandeep Kaur Er. Yogesh Sharma Ar. Jaspal Kaur	S201 & S202
	4	Sketching/drafting practice – Compilation in the form of a drawing notebook and models		
	5	Evaluation – report writing/presentation/viva	Incharge and team	
2	1	Visit to a Brick Kiln	Prof. Gurbir Kaur (Incharge) Prof. Prabhjot Singh Prof. Yuvraj Singh Prof. Mavinder Kingra	
		Visit to a concrete batching plants (RMC plant)		
	2	Visit to a water treatment plant	Prof. Sandeep Kaur (Incharge) Prof. Bhupinder Singh Prof. Sukhwinder Singh Prof. Amritpal Kaur	
		Visit to a construction site		
	3	Sketching/drafting practice for different buildings, its components, views, sections, etc	Prof. Gagandeep Kaur (Incharge) Prof. Sandeep Kaur Er. Yogesh Sharma Ar. Jaspal Kaur	S201 & S202
	4	Sketching/drafting practice – Compilation in the form of a drawing notebook and models		
	5	Evaluation – report writing/presentation/viva	Incharge and team	

Week: 4

Group	Day	Content	Name of Faculty	Venue
3	1	Solid modeling through Python	Dr. H S Rai (Incharge) Prof. Sukhwinder Singh (N) and team	Room G3
	2	Solid modeling through Python		
	3	Solid modeling through Python		
	4	Solid modeling through Python		
	5	Evaluation – report writing/presentation/viva		
4	1	Solid modeling through Python	Dr. H S Rai (Incharge) Prof. Sukhwinder Singh (N) and team	Room G3
	2	Solid modeling through Python		
	3	Solid modeling through Python		
	4	Solid modeling through Python		
	5	Evaluation – report writing/presentation/viva		
2	1	Collection of different materials to be used in civil engineering projects like cement, sand, aggregates, reinforcement bar, etc	Prof. Gurbuneet Singh (Incharge) Prof. Pritpal Kaur Prof. Heena Malhotra	Room G1
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	5	Evaluation – report writing/presentation/viva	Incharge and team	
1	1	Visit to a Brick Kiln	Prof. Gurbir Kaur (Incharge) Prof. Yuvraj Singh Prof. Prabhjot Singh Prof. Mavinder Kingra	
		Visit to a concrete batching plants (RMC plant)		
	2	Visit to a water treatment plant	Prof. Sandeep Kaur (Incharge) Prof. Bhupinder Singh Prof. Sukhwinder Singh Prof. Amritpal Kaur	
		Visit to a construction site		
	3	Sketching/drafting practice for different buildings, its components, views, sections, etc	Prof. Gagandeep Kaur (Incharge) Prof. Sandeep Kaur Er. Yogesh Sharma Ar. Jaspal Kaur	S201 & S202
	4	Sketching/drafting practice – Compilation in the form of a drawing notebook and models		
5	Evaluation – report writing/presentation/viva	Incharge and team		

HoD (CE)

Cc:- HoD (W/s)