ENER SOFTWARE MANUAL

TCE EEE
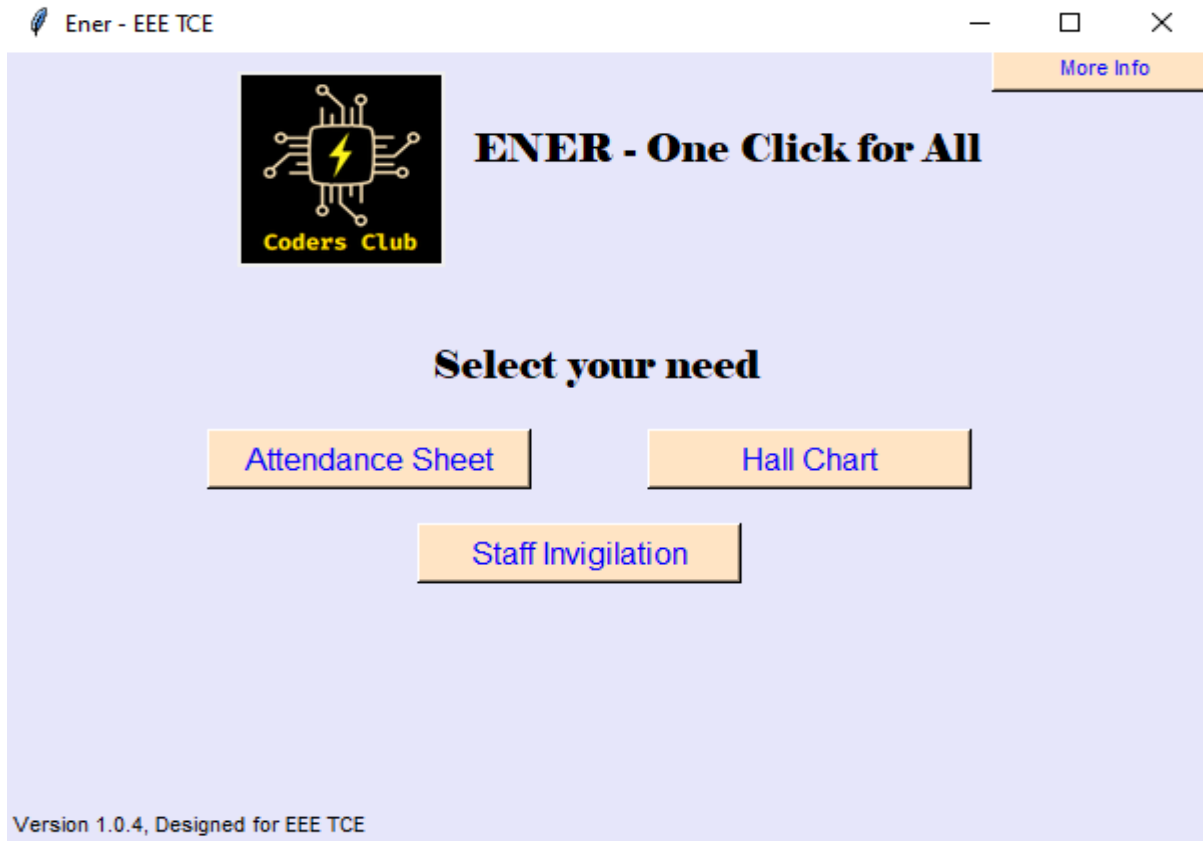
TABLE OF CONTENT

S.NO	TOPIC	PAGE NO
1	Attendance Order Creation Manual	2-4
2	Hall Chart Document Creation Manual	5-7
3	Elective Student Count per Hall Document Creation Manual	8-10
4	Invigilation Duty Document	11-14

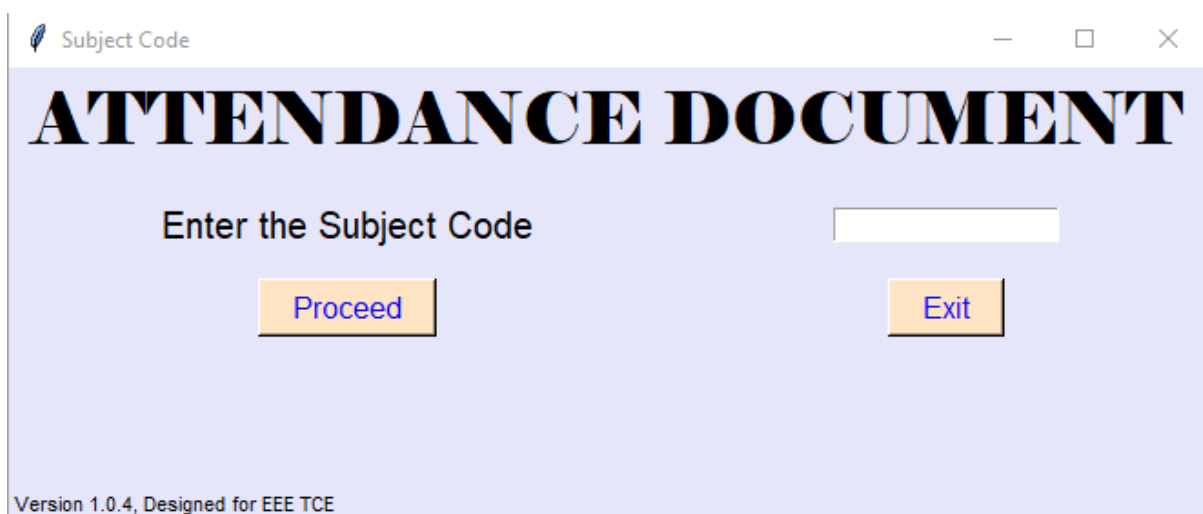# 1)Attendance Order Creation Manual:-

<u>GUI LOOK:-</u>

i)Main GUI

Click the Attendance sheet button to activate the Attendance order creation window

ii)Attendance Order creation window:-

Enter the Subject code of the subject you want to create attendance sheet

Example:-

18EE610-1 for **POWER SYSTEM ANALYSIS Slot A**

18EE610-2 for **POWER SYSTEM ANALYSIS Slot B**

Once you enter the code name, it will ask for the excel where you have list of students enrolled in that course. Excel should be in same format as below to make software work

INPUT EXCEL FORMAT:-

	A	B	C	D	E	F	G	H	I	J	K	L
1	Schedule	18EE610 [1] POWER SYSTEM ANALYSIS										
2	Staff info	Dr.P.Venkatesh										
3	Periods	D1-1-A02,D2-3-A02,D4-3-A02										
4	RegNum	Student n	Remarks	Signature								
5	19E058	NANDHINI S										
6	19E017	DHANUSRI C										
7	19E074	RAJALAKSHMI C										
8	19E059	NIKEIANTONYMIEKLE A										
9	19E114	SWATHI S										
10	19E021	DILIBAN B										
11	19E010	ARAVINTH N										
12	19E131	VISWA SUNDARAM K										
13	19E119	THAVASIVA M										
14	19E109	SUHAIL AHAMED A										
15	19E083	RUBIKA J V										
16	19E022	GOPIKA G.S										
17	19E092	SARANRAJ M										
18	19E049	MAHESHVARAN G										
19	19E037	JEYASURYA R										
20	19E027	HARISHMA P										
21	19E130	VISNU JEET S										
22	19E113	SURIYA MU.										
23	19E071	RAGHAVAN N.										
24	19E126	VINOBALINI R.										
25	19E117	THANUJA HARINI M										

18EE480-2 / 18EE480-3 / 18EE480-4 / 18EE490-1 / 18EE490-2 / 18EE540-1 / 18EE540-2 / **18EE610-1** / 18EE610-2

Always maintain the column order, It should be a workbook with sheets of each subject code with slot

OUTPUT:-

You can able to see the success message after the document created in the "**Attendance Document**"(Inside your EXE folder)
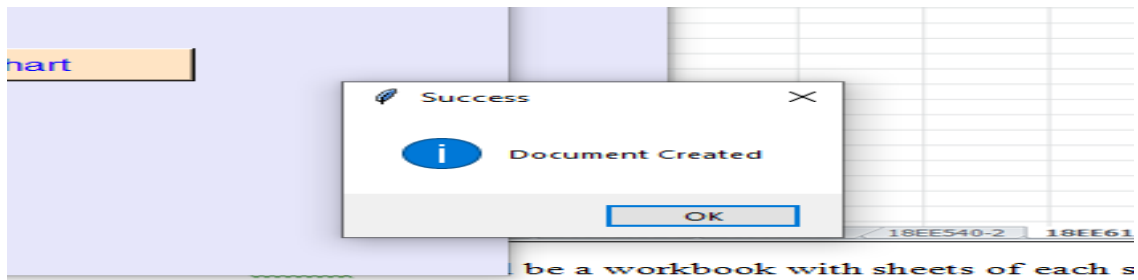
OUTPUT DOCUMENT:-

THIAGARAJAR COLLEGE OF ENGINEERING

(A Govt. Aided ISO 9001:2008 Certified, Autonomous Institution Affiliated to Anna University)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

18EE610 [1] POWER SYSTEM ANALYSIS

Staff Info: Dr.P.Venkatesh

S.No	RegNo	Name	CAT 1	CAT 2	CAT 3
1	19E004	ABISNEKA S			
2	19E005	ADHARSH K.			
3	19E007	AMIRTHA VARSHINI D			
4	19E009	ARAVINDH R			
5	19E010	ARAVINTH N			
6	19E016	DHANASEKARAN V			
7	19E017	DHANUSRI C			
8	19E021	DILIBAN B			
9	19E022	GOPIKA G.S			
10	19E024	GRIHARAN S			

59	19E133	YOGA VARSHAN A.R			
60	19E135	AJAY S.			
61	19E137	FENISH S			
62	19E140	KARTHIKEYAN S			
63	19E141	KOTHAI S.			
64	19E143	RAGAVI P			
65	19E144	RAGHAV BALAJI P			
66	19E145	SARAVANAN V			
67	19E146	SATHISH KUMAR A.			
68	19E147	SIVA SURYA S			
69	19E148	VIJAYAKARTHIKEYAN P			

CAT	Present	Absent	Total
I			
II			
III			

2)Hall chart Document Creation Manual:-

GUI LOOK:-

i)Main GUI:-
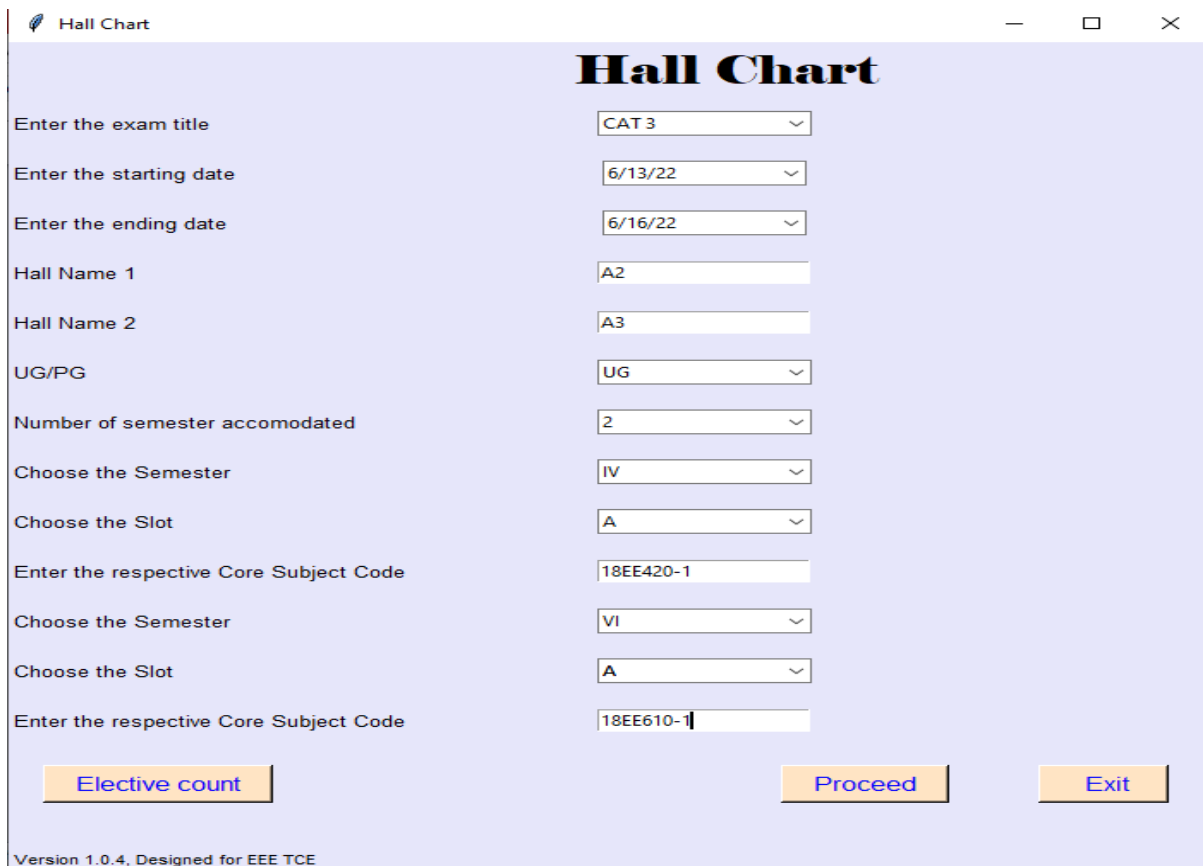
Click **"Hall Chart"** button to activate the Hall Chart Creation Window

ii)Hall Chart Creation Window:-

1. Select the Exam title from the dropdown box
2. Select the Exam starting date and Ending date from GUI
3. Enter the Hall Names in their respective textbox
4. Select **"UG"**, if you creating Hall chart for **UG student** only and Select **"PG"**, if **PG students** are also included
5. In Number of semester accommodated select **"1"** if Hall charted created for only **one semester students** else select **"2"** for **two semester students**
6. In Number of semester accommodated if you select **"1"** you only have to **fill next three columns** and if you selected **"2"** you have **fill next six columns with semester, slot and Course Subject code** of that particular semester
   (Example: **18EE420-1** is core subject for **IV semester Slot A** students and **18EE610-1** is core subject for **VI semester Slot A** students

   &

   18EE420-2 is core subject for **IV semester Slot B** students and **18EE610-2** is core subject for **VI semester Slot B** students)

INPUT EXCEL FORMAT:-

	A	B	C	D	E	F	G	H	I	J	K	L
1	Schedule	18EE610 [1] POWER SYSTEM ANALYSIS										
2	Staff info	Dr.P.Venkatesh										
3	Periods	D1-1-A02,D2-3-A02,D4-3-A02										
4	RegNum	Student n	Remarks	Signature								
5	19E058	NANDHINI S										
6	19E017	DHANUSRI C										
7	19E074	RAJALAKSHMI C										
8	19E059	NIKEIANTONYMIEKLE A										
9	19E114	SWATHI S										
10	19E021	DILIBAN B										
11	19E010	ARAVINTH N										
12	19E131	VISWA SUNDARAM K										
13	19E119	THAVASIVA M										
14	19E109	SUHAIL AHAMED A										
15	19E083	RUBIKA J V										
16	19E022	GOPIKA G.S										
17	19E092	SARANRAJ M										
18	19E049	MAHESHVARAN G										
19	19E037	JEYASURYA R										
20	19E027	HARISHMA P										
21	19E130	VISNU JEET S										
22	19E113	SURIYA MU.										
23	19E071	RAGHAVAN N.										
24	19E126	VINOBALINI R.										
25	19E117	THANUJA HARINI M										

18EE480-2 / 18EE480-3 / 18EE480-4 / 18EE490-1 / 18EE490-2 / 18EE540-1 / 18EE540-2 / **18EE610-1** / 18EE610-2

Always maintain the column order, It should be a workbook with sheets of each subject code with slot

OUTPUT:-

You can able to see the success message after the document created in the "**HallChart Document**"(Inside your EXE folder)
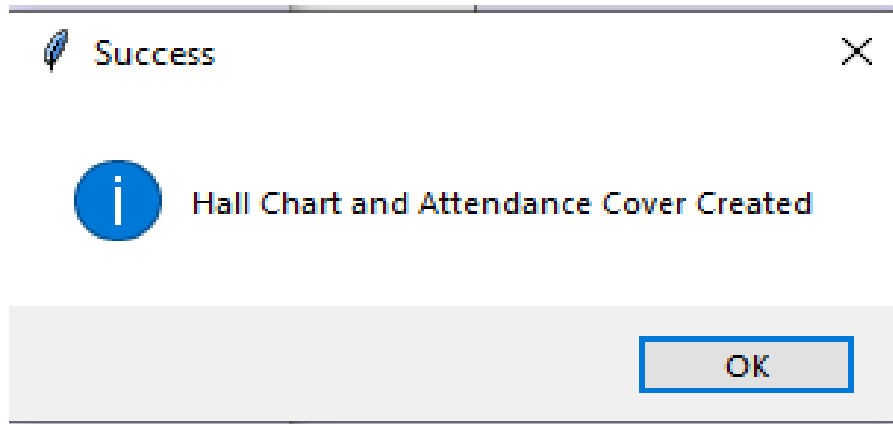
OUTPUT DOCUMENT FORMAT:-

THIAGARAJAR COLLEGE OF ENGINEERING

(A Govt. Aided Autonomous Institution Affiliated to Anna University)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CAT 3 - Hall Chart

Degree & Department: B.E - EEE	Slot - I: 09.30 A.M to 11.00 A.M
Date: 13.06.22 - 16.06.22	Slot - II: 11.30 A.M to 01.00 P.M
	Slot - III: 02.30 P.M to 4.00 P.M
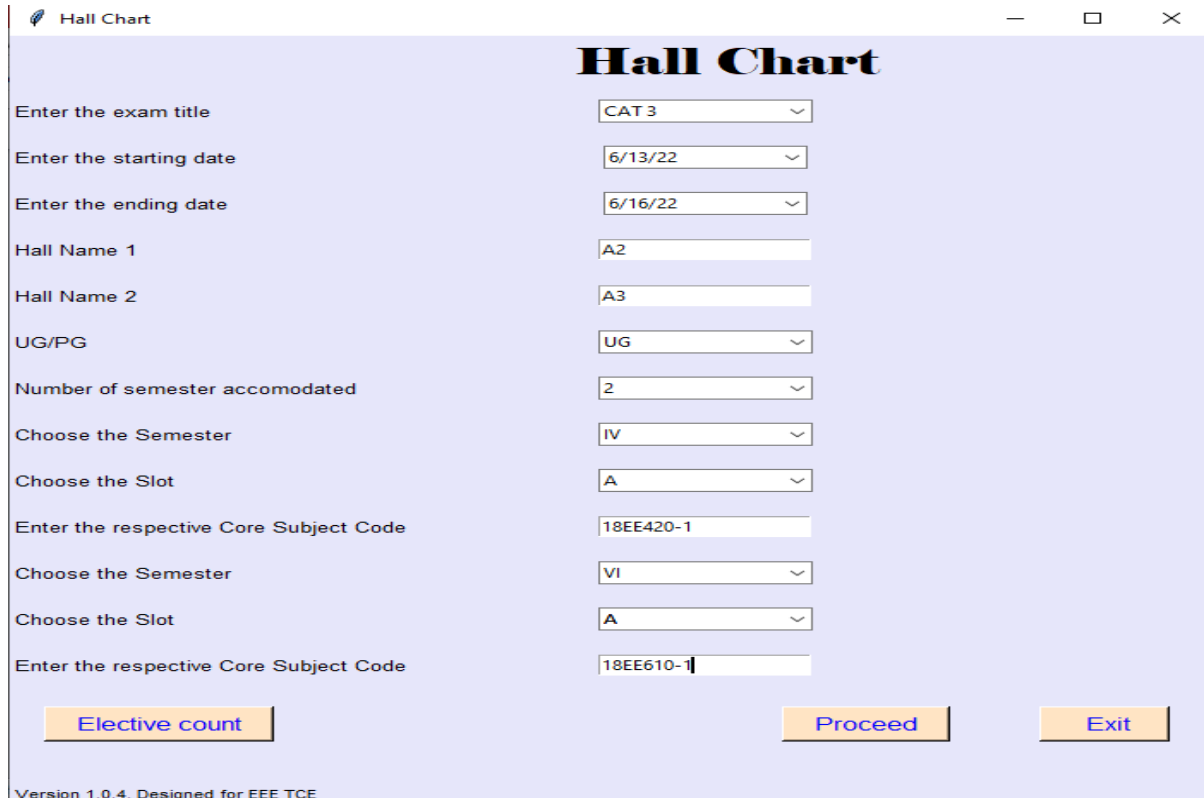
A2 (70) - Sem IV (35) A - Sem VI (35) A

Column 1		Column 2		Column 3		Column 4		Column 5	
Sem IV	Sem VI	Sem IV	Sem VI	Sem IV	Sem VI	Sem IV	Sem VI	Sem IV	Sem VI
20E001	19E004	20E015	19E021	20E027	19E037	20E045	19E054	20E060	19E065
20E003	19E005	20E017	19E022	20E029	19E039	20E048	19E055	20E061	19E066
20E006	19E007	20E019	19E024	20E031	19E045	20E049	19E057	20E062	19E068

3)Elective Student Count per hall Creation Window:-

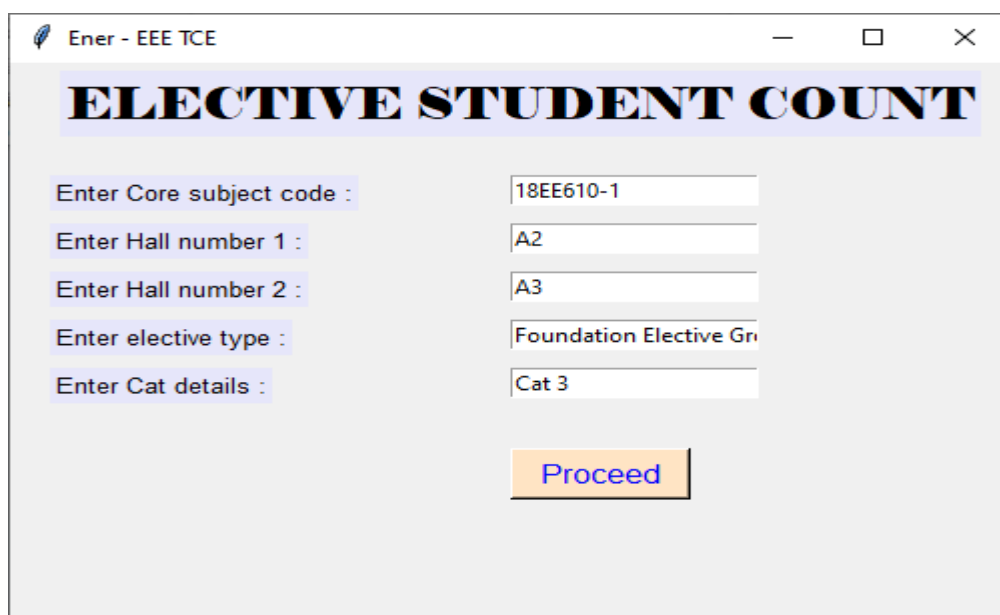GUI LOOK:- **Click the Hall Chart button in Main GUI**

i)Hall Chart Creation Window:-

Click **"Elective count"** button to activate the Elective Student Count per hall creation window

ii)Elective Count Window:-

1. Enter the **Core subject code** for that particular Semester and Slot that you want to create Elective student count per hall (Example: For **VI Semester slot A** Elective count per head Subject code is **18EE610-1**)
2. Enter the **Hall Number** where the exam is going to take place
3. Enter the elective type (Example: **Foundation Elective Group 1**)
4. Enter the CAT exam title(Example: **Cat 3**)

INPUT EXCEL FORMAT:-
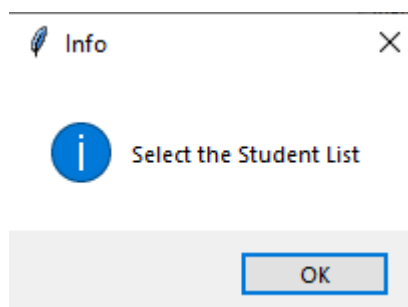
Once you click the "**Proceed**" button, you see a pop message asking for **Elective List Excel**
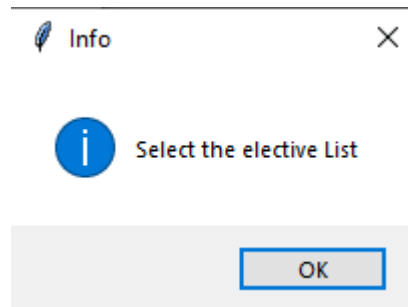
Elective List Excel should be in below format. must maintain format for better output. Excel should have the list of elective in the column A


Once you uploaded the Elective list you see pop message asking for Student List Excel which has the list of the students registered for Electives

	A	B	C	D	E	F	G	H	I	J	K	L
1	Schedule	18EE610 [1] POWER SYSTEM ANALYSIS										
2	Staff info	Dr.P.Venkatesh										
3	Periods	D1-1-A02,D2-3-A02,D4-3-A02										
4	RegNum	Student n	Remarks	Signature								
5	19E058	NANDHINI S										
6	19E017	DHANUSRI C										
7	19E074	RAJALAKSHMI C										
8	19E059	NIKEIANTONYMIEKLE A										
9	19E114	SWATHI S										
10	19E021	DILIBAN B										
11	19E010	ARAVINTH N										
12	19E131	VISWA SUNDARAM K										
13	19E119	THAVASIVA M										
14	19E109	SUHAIL AHAMED A										
15	19E083	RUBIKA J V										
16	19E022	GOPIKA G.S										
17	19E092	SARANRAJ M										
18	19E049	MAHESHVARAN G										
19	19E037	JEYASURYA R										
20	19E027	HARISHMA P										
21	19E130	VISNU JEET S										
22	19E113	SURIYA MU.										
23	19E071	RAGHAVAN N.										
24	19E126	VINOBALINI R.										
25	19E117	THANUJA HARINI M										

18EE480-2 18EE480-3 18EE480-4 18EE490-1 18EE490-2 18EE540-1 18EE540-2 **18EE610-1** 18EE610-2

OUTPUT:-

Once the Elective student count per student document created in the folder **"Elective Document"** you can able to pop message
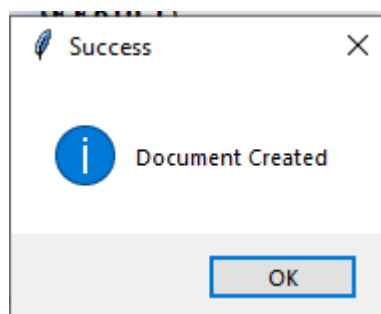
OUTPUT EXCEL FORMAT:-

THIAGARAJAR COLLEGE OF ENGINEERING

(A Govt. Aided Autonomous Institution Affiliated to Anna University)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Foundation Elective Group 1 Elective Student Count

Hall number : A2

Course code	Number of Studeents
18EEPT0-1	10
18EERC0-1	8
18EEPQ0-1	11
18EEPH0-1	6

Hall number : A3

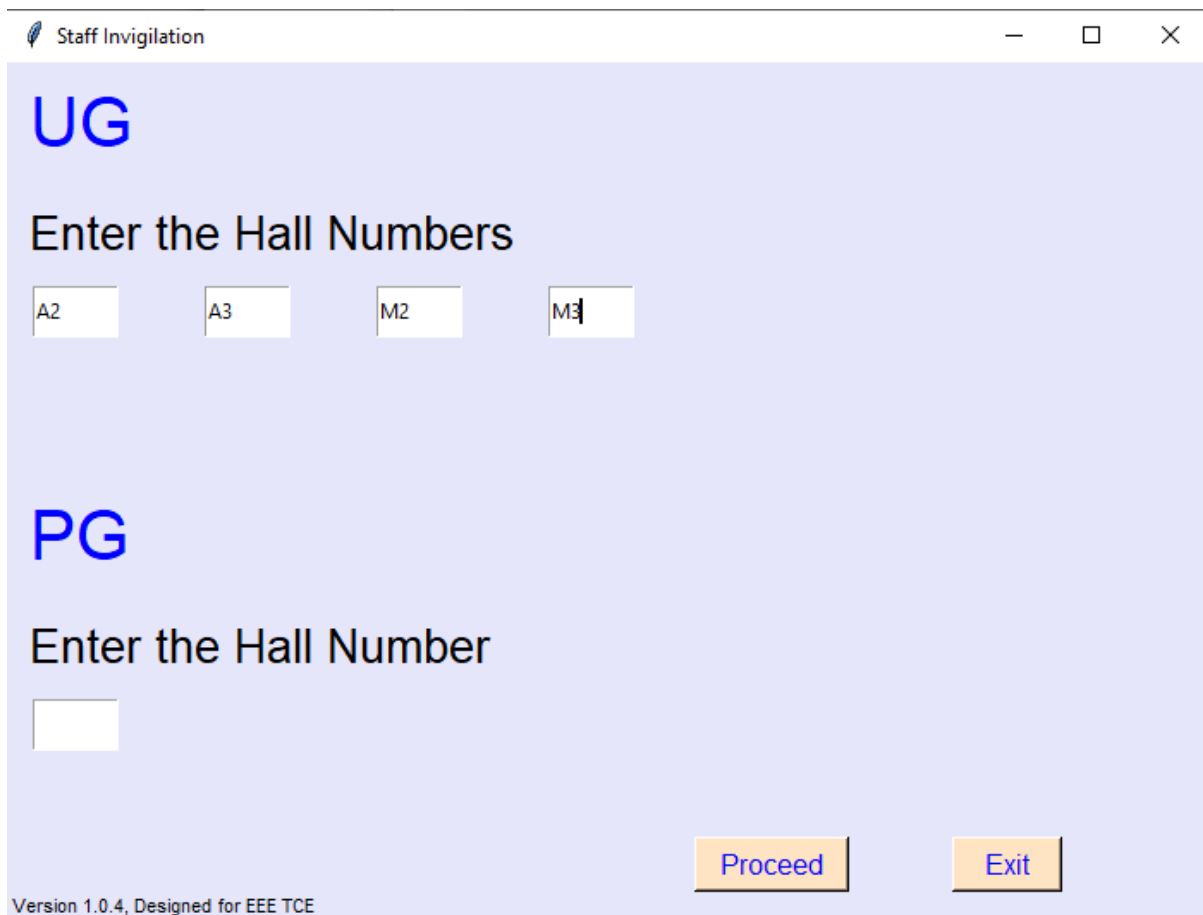| Course code	Number of Studeents

4)Invigilation Duty Document:-

<u>GUI LOOK:-</u>

i)Main GUI:-

Click **"Staff Invigilation"** button to activate the Staff Invigilation duty window
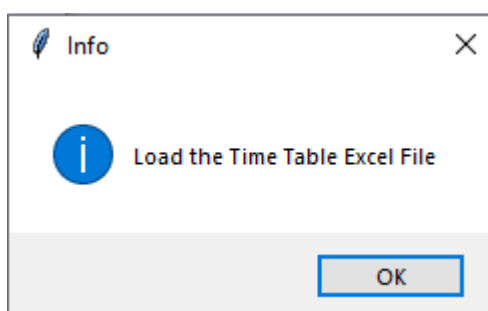
ii)Invigilation Duty Window:-

Enter the Hall numbers where **exams are going to conduct**, if you creating for **UG courses** fill the **UG textbox only** if PG courses are also included then fill the PG textbox also

INPUT EXCEL FORMAT:-

Once you click the proceed button you see a pop message for uploading the exam time table excel


Exam Time table format should be same as below

	A	B	C	D	E	F	G	H	I	J
1			Even Semester							
2			IV Semester (BE EEE)			Even Semester				
3			Cat - III	Slot A & B						
4	S.No.	DATE	SLOT	SUBJECT CODE	SUBJECT NAME	SEM		**TIME SLOTS**		
5	1.	13-06-22	09:30AM to 11:00AM	18EExxx	Maths	IV		09:30AM to 11:00AM		
6	2.	13-06-22	02:30PM to 4:00PM	18EE490	Project Management	IV		11:30AM to 01:00PM		
7	3.	14-06-22	09:30AM to 11:00AM	18EExxx	Foundation elective	IV		02:30PM to 4:00PM		
8	4.	14-06-22	02:30PM to 4:00PM	18EE430	Measurement and instrumentation	IV				
9	5.	15-06-22	09:30AM to 11:00AM	18EE440	Control Systems	IV				
10	6.	16-06-22	02:30PM to 4:00PM	18EE420	AC Machines	IV				
11										
12			VI Semester(BE EEE)							
13			Cat - III	Slot A & B						
14	S.No.	DATE	SLOT	SUBJECT CODE	SUBJECT NAME	SEM				
15	1.	13-06-22	09:30AM to 11:00AM	18EE610	Power System analysis	VI				
16	2.	13-06-22	09:30AM to 11:00AM	18EE540	Accounting and Finance	VI				
17	3.	14-06-22	09:30AM to 11:00AM	18EEEA0	Internet of Things	VI				
18	4.	14-06-22	02:30PM to 4:00PM	18EE620	Data structures	VI				
19	5.	15-06-22	09:30AM to 11:00AM	XXXXXX	Group I PSE Elective	VI				
20	6.	16-06-22	02:30PM to 4:00PM	XXXXXX	Group III PSEX Elective and TVS Elective	VI				
21										

1. **Dates of exam, Slot, Subject Code, Subject Name, Semester details** must be in Column **B,C,D,E,F**
2. **Time** must be **same as** in the **time slot table** to make the software work properly
3. **Column C first row** must contain the **Semester detail**

Once you uploaded the Time table excel you see a pop up message for uploading Faculty Detail Excel
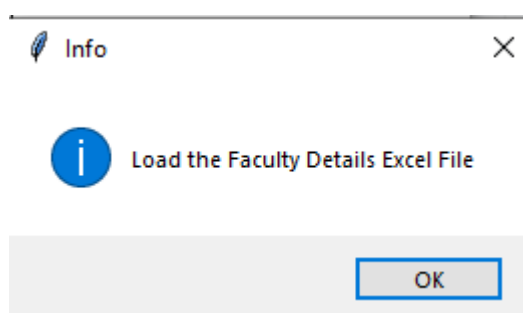
Excel file need to follow the following format to make the software work better

	A	B	C	D	E	F
1	S.No	Department faculty	Extra duty	Other Faculty	Research Scholars	Special case
2	1	Dr.M.Saravanan	0	Other Dept F1	R.BalaVarshini	staff
3	2	Dr.P.Venkatesh	0	Other Dept F2	R.Abarna	Sabari
4	3	Dr.K.Selvi	0	Kabilesh.A	R.PriyadharshiniRamu	
5	4	Dr.V.Sureshkumar	0	harikrishnan.G	M.MuhammedAlaudeen Ashiq(QIP)	
6	5	Prof.S.Sivakumar	0		RM.Meenakshi	
7	6	Dr.V.Saravanan	0		M.Vijay	
8	7	Dr.S.Latha	0		S.MeenakshiAmmal	
9	8	Dr.M.Geethanjali	0		T.Thenmozhi	
10	9	Dr.N.Shanmuga Vadivoo	0		P.PonRagothamaPriya	
11	10	Dr.L.Jessi Sahaya Shanthi	0		Y.SatheeshkumarReddy (ADF)	
12	11	Dr.R.Rajan Prakash	0		M.Leelavathi	
13	12	Dr. S. Arockia Edwin Xavier	0		S.Parameswari	
14	13	Dr.P.S.Manoharan	0		B.Devi	
15	14	Dr.R.Helen	0		R.Hemavathi	
16	15	Dr.D.Kavitha	0			
17	16	Dr.S.Charles Raja	0			
18	17	Dr.D.Nelson Jayakumar	0			
19	18	Dr.G.Sivasankar	0			
20						
21						

1. **EEE department faculty** name should be in **Column B**
2. **Other Department faculty** name should be in **Column D**
3. **Research Scholars faculty** name should be in **Column E**
4. **Special Case faculty** name should in **Column F**
5. **Special Case faculty** will **only have one exam duty** in the exam period
6. **Research Scholars and other department faculty** will have **two duties** in the exam period
7. **EEE department faculty** will have **three duties** in the exam period
8. **Need to fill sufficient faculties in EEE Department, Other department faculty and research Scholar column** to make software work properly
9. In a semester if **EEE Department faculty** did a **extra duty in a CAT** need to **increment extra duty column in the same row** by doing that that **staff duties will reduced in next CAT**

OUTPUT:-

You see a pop up message once the Staff Invigilation duty document created in the **"Invigilation Document Folder"**

OUTPUT DOCUMENT FORMAT:-

Date of Invigilation	Slot	Sem	Hall Name	Name of Invigilator
13-06-22	09:30 AM to 11:00 AM	IV	A2	Dr.V.Sureshkumar
		IV	A3	Prof.S.Sivakumar
		IV	M2	Dr.M.Geethanjali
		IV	M3	Dr.N.Shanmuga Vadivoo
	11:30 AM to 01:00 PM	II	A2	Dr.B. Janani
		II	A3	Dr.S.Charles Raja
		II	M2	Dr. S. Arockia Edwin Xavier
		II	M3	Dr.S.Latha
	02:30 PM to 4:00 PM	IV	A2	Dr.L.Jessi Sahaya Shanthi
		IV	A3	Dr.R.Rajan Prakash
		IV	M2	Dr.R.Helen
		IV	M3	Dr. B. Ashokkumar
	09:30AM to 11:00AM	VI	A2	Dr.L. Muthusubramanian
		VI	A3	Dr. S.P. Suriya Prabha
		VI	M2	Mr.P.Manoj Kumar
		VI	M3	Prof.S.Rajkumar