6.2.3 Implementation of e-governance in areas of operation

- 1.Administration
- 2. Finance and Accounts
- 3. Student Admission and Support
- 4.Examination

Screen shots of user interfaces

1. Faculty Attendance

Attendance records are maintained through face reading machine by name Real Time T304F.

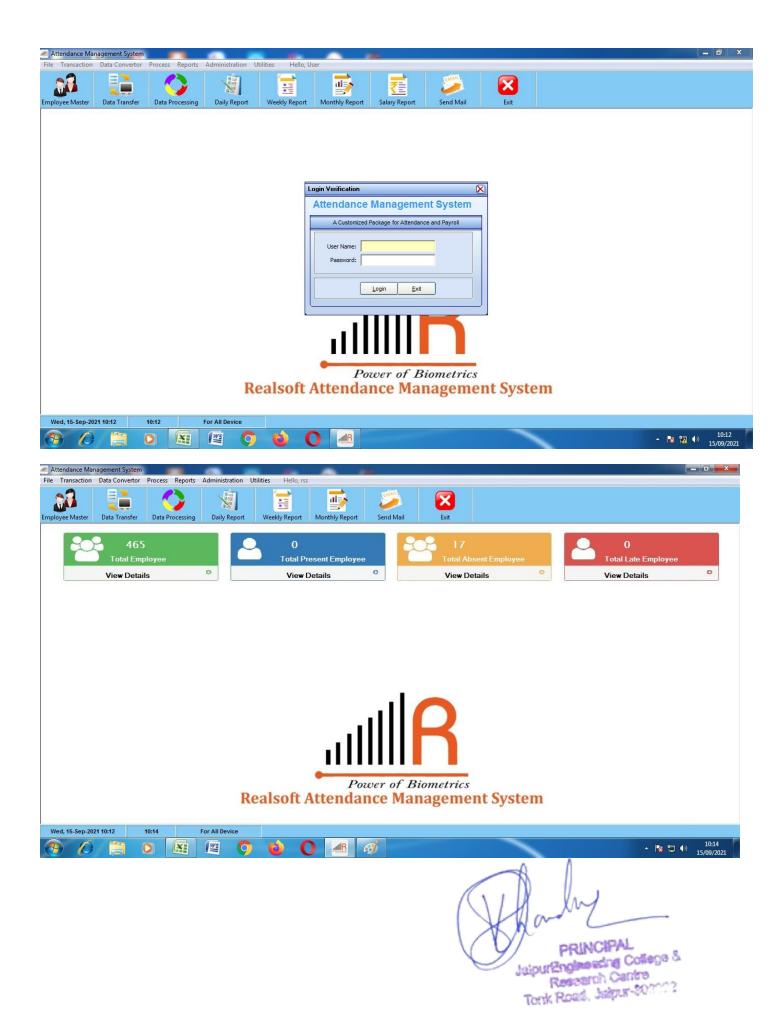
Realtime T304F

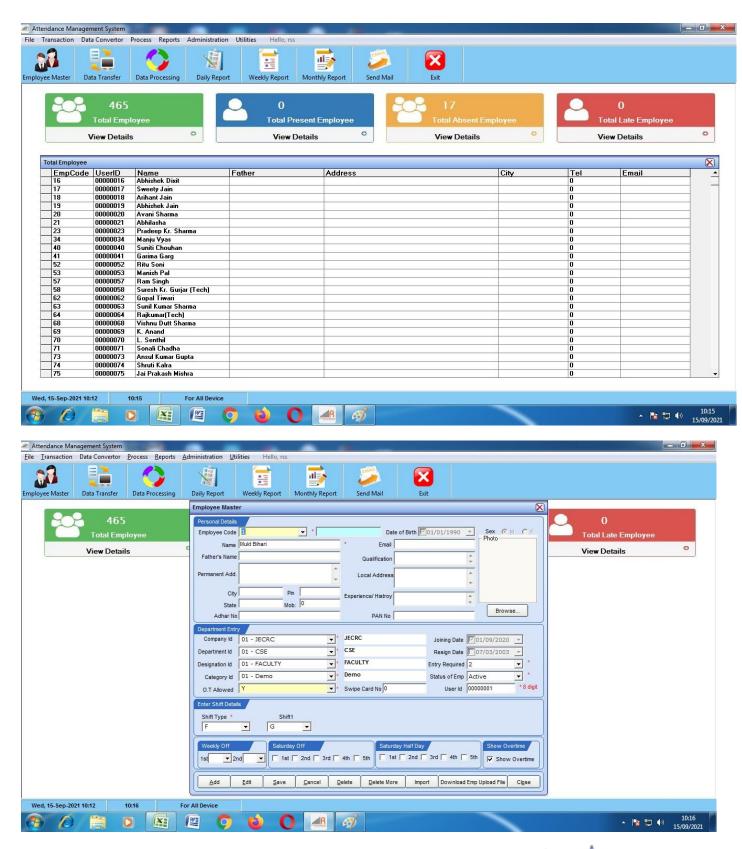
Face with Finger Attendance cum Simple Access Control System



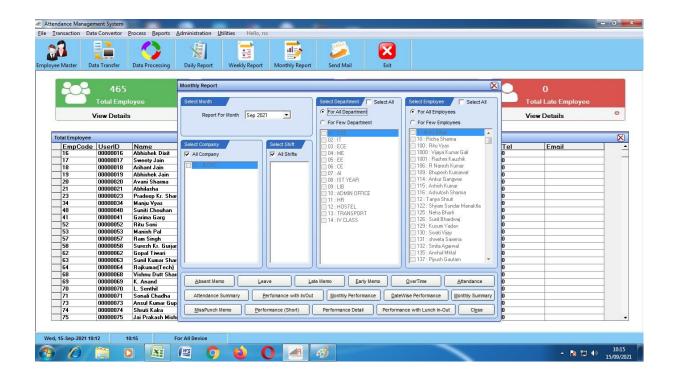
1000 » Face capacity » Card capacity 5000 » Fingerprint capacity 5000 » Max Attendance log 300.000 » Management log 10000 » Identify mode Face, Fingerprint, card, password and combinations » Display language » LED 1 (Red-Green dual color) » Wiegand input Inside and outside Wiegand (26/34) » Communication TCP/IP, WIFI (optional) Supported » U-disk Voice Interface » Audio output » Battery 3 Hours Battery Backup » Working voltage DC12V ± 5%(current : below 1.5A) -10°c~ +60°c » Working temperature 20% ~ 80% » Working humidity(RH) » Self-test function Supported » Power management Sleep Mode » FAR/ FRR 0.001/1(%) » Identify speed ≤1.0 seconds » Matching mode Supports 1:N » FAR/ FRR 0.00001/0.1(%) ≤1.0 second (when enrolled 5000 » Identify speed fingerprints) » Fingerprint input angle 360° (any angle) » Intelligent adaptation function Support » Matching mode Support 1:N

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port For Month : AUG - 2021

Department		EmpCod	le			Name		Card No		Present	wo	HL	Absent		Paid_L	v L	Inpaid_I	Lv	Tot.Leave	2	Paid Days		LateHrs		EarlHrs	1	WorkHr	s	OvTime		
CSE		139	Dec.			anishk J		00001		22	0	0	9		0		0	10000	0	10000000	22		0.26		0	9990	158.4	-	2.59		0.00
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Arr Time	0	8.27	0	8.22	8.23	8.2	8.24	0	8.25	8.24	8.24	8.25	0	8.26	0	8.23	8.25	8.22		0	8.23	0	8.24	8.23	8.25	8.24	8.25	8.27	0	0	8.27
Dep Time	0	15.45	0	15.47	15.48	15.47		0	15.45	15.46	15.45	15.47	0	15.48	0	15.46	15.48	15.5	15.46	0	15.46	0	15.46	15.48	15.45	15.48	15.46	15.46	0	0	15.47
Working Hrs	0	7.14	0	7.14	7.14	7.14	7.14	0	7.14	7.14	7.14	7.14	0	7.14	0	7.14	7.14	7.14	6.49	0	7.14	0	7.14	7.14	7.14	7.14	7.14	7.14	0	0	7.14
Over Time	0	0.04	0	0.11	0.11	0.13	0.09	0	0.06	0.08	0.07	0.08	0	0.08	0	0.09	0.09	0.14	0	0	0.09	0	0.08	0.11	0.06	0.1	0.07	0.05	0	0	0.06
Absent	1	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0
Break	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Status	A	P	A	P	P	P	P	Α	P	P	P	P	A	Р	A	P	P	P	P	Α	P	A	P	P	P	P	P	P	Α	A	P
CSE		14			Ne	eha Sola	anki 0	00000	14	18	0	0	13		0		0		0		18		0.44		9.44		119.5		0.29		
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Arr Time	0	8.48	8.32	8.29	8.31	8.34	8.37	0	8.24	8.3	8.31	0	8.39	8.37	0	0	0	0	0	0	8.31	0	0	8.32	8.31	8.24	8.27	8.29	0	0	8.33
Dep Time	0	12.31	12.3	12.3	15.45	15.45	15.45	0	15.45	15.46	15.46	0	15.46	15.46	0	0	0	0	0	0	15.45	0	0	15.47	15.47	15.47	15.46	15.45	0	0	15.46
Working Hrs	0	3.43	3.58	4.01	7.14	7.11	7.08	0	7.14	7.14	7.14	0	7.07	7.09	0	0	0	0	0	0	7.14	0	0	7.14	7.14	7.14	7.14	7.14	0	0	7.13
Over Time	0	0	0	0	0	0	0	0	0.07	0.02	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0.02	0.09	0.05	0.02	0	0	0
Absent	1	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	1	0
Break	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Status	A	P	Р	P	P	Р	P	A	P	P	Р	A	P	Р	A	A	A	A	Α	A	P	A	A	Р	P	P	Р	Р	Α	A	P
CSE		15			Ani	ima Sha	ırma 0	00000		22	0	0	9		0		0		0		22		0		4.47		147.2		9.14		
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Arr Time	0	8.27	8.26	8.26	8.26	8.29	8.26	0	8.23	8.27	8.27	8.24	8.24	8.23	0	8.3	8.21	8.25	8.26	0	8.26	0	8.21	0	8.25	8.22	8.26	0	0	0	8.27
Dep Time	0	15.48	11.45	15.46	15.46	15.46	17.11	0	15.46	14.58	15.47	15.48	15.48	15.48	0	17.08	15.51	17.07	17.03	0	17.09	0	15.46	0	15.47	15.47	0	0	0	0	15.46
Working Hrs	0	7.14	3.19	7.14	7.14	7.14	7.14	0	7.14	6.31	7.14	7.14	7.14	7.14	0	7.14	7.14	7.14	7.14	0	7.14	0	7.14	0	7.14	7.14	0	0	0	0	7.14
Over Time	0	0.07	0	0.06	0.06	0.03	1.31	0	0.09	0	0.06	0.1	0.1	0.11	0	1.24	0.16	1.28	1.23	0	1.29	0	0.11	0	0.08	0.11	0	0	0	0	0.05
Absent	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	1	0	0	0	1	1	1	0
Break	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Status	A	P	P	Р	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	A	P	A	P	A	P	P	P	A	A	A	P
CSE		16			Abl	hishek I	Dixit 0	00000	16	24	0	0	7		0		0		0		24		0.44		6.3		159.6		7.57		
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Arr Time	0	8.55	8.29	8.31	8.42	8.33	8.3	0	8.29	8.31	8.27	8.28	8.31	8.29	0	8.28	8.29	8.35		0	8.28	0	8.26	8.27	8.28	8.27	8.28	8.29	0	0	8.34
Dep Time	0	16.57		15.5	15.57		16.15	0	15.52		15.52		12.5	15.5	0	16.27			15.59	0	15.49	0	16.1		16.16	16.06	12.1	16.05	0	0	16.49
Working Hrs	0	7.14	7.14	7.14	7.14	7.14	7.14	0	7.14	0	7.14	7.14	4.19	7.14	0	7.14	7.14	7.14		0	7.14	0	7.14	7.14	7.14	7.14	3.42	7.14	0	0	7.14
Over Time	0	0.48	0.36	0.05	0.01	0.23	0.31	0	0.09	0	0.11	0.1	0	0.07	0	0.45	0.18	0.18		0	0.07	0	0.3	0.2	0.34	0.25	0	0.22	0	0	1.01
Absent	1	0.40	0.50	0.05	0.01	0.23	0.51	1	0.05	0	0.11	0.1	0	0.07	1	0.43	0.10	0.10	0.10	1	0.07	1	0.5	0.2	0.54	0.23	0	0.22	1	1	0
Break	0	0	0	0	0	0	0	0	0	10.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Status	Δ	D	D	D	D	D	D	Δ	D	D D	D	P	D	D	Δ	D	D	D	D	Δ	D	۸	P	D	D	D	D	D	Δ	Δ	D

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inort	For	Mon	th ·	ALIG.	2021

Department		EmpCod	e			Name	C	ard No).	Present	WO	HL	Absent		Paid_Lv	· L	npaid_l	Lv	Tot.Leave	2	Paid Days		LateHrs		EarlHrs	1	NorkHr	s	OvTime		
CSE		10			D:	ha Shai	O(00000	10	22	0	0	9		0		0		0		22		0.21		0		144.3		2.14		
Days	1	2	3	Δ	5	na snai 6	7 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Arr Time	0	8.39	8.31	8.33	8.24	8.23	8.25	0	8.24	8.25	8.21	8.23	8.27	8.37	0	8.24	8.25	8.29	8.34	0	8.33	0	0	8.25	8.26	8.26	8.23	8.3	0	0	0
Dep Time	0	15.5						0	15.46		15.47	15.48	15.48	15.5	0	15.48	15.51		15.52	0	15.46	0	0	15.52		0		15.45	0	0	0
Working Hrs	0	7.11	7.14	7.13	7.14	7.14	7.14	0	7.14	7.14	7.14	0	7.14	7.13	0	7.14	7.14	7.14		0	7.13	0	0		7.14	0	7.14	7.14	0	0	0
Over Time	0	0	0	0	0.08	0.09	0.09	0	0.08	0.06	0.12	0	0.07	0	0	0.1	0.12	0.11	0.04	0	0	0	0	0.13	0.07	0	0.17	0.01	0	0	0
Absent	1	0	0	0	0.08	0.09	0.09	1	0.08	0.06	0.12	0	0.07	0	1	0.1	0.12	0.11	0.04	1	0	1	1	0.13	0.07	0	0.17	0.01	1	1	1
Break	0	0	0	0	0	0	0	0	0	0	0	15.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Status	A	P	P	P	D	D	P	A	P	D	D	15.54 P	P	D	A	P	P	P	P	A	P	A	A	P	P	P	D	P	A	A	A
Status	A	P		P		P	P	A	P	P	P		P	-	A	P		P	P	A		A	A	P	P	P	P		A	A	A
CSE		12			Та	nya Shr	uti 00	00000	12	20	0	0	11		0		0		0		20		0.45		9.44		134.2		0.4		
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Arr Time	0	8.48	8.32	8.29	8.31	8.34	8.37	0	0	0	0	0	8.4	8.37	0	8.27	8.26	8.28	8.29	0	8.31	0	8.3	8.32	8.31	8.24	8.27	8.29	0	0	8.33
Dep Time	0	12.31	12.3	12.3	15.45	15.45	15.45	0	0	0	0	0	15.47	15.46	0	15.46	15.45	15.48	15.46	0	15.45	0	15.47	15.47	15.47	15.46	15.46	15.45	0	0	15.46
Working Hrs	0	3.43	3.58	4.01	7.14	7.11	7.08	0	0	0	0	0	7.07	7.09	0	7.14	7.14	7.14	7.14	0	7.14	0	7.14	7.14	7.14	7.14	7.14	7.14	0	0	7.13
Over Time	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0.06	0.03	0	0	0	0.03	0.01	0.02	0.08	0.05	0.02	0	0	0
Absent	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0
Break	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Status	A	P	P	P	P	P	P	A	A	A	A	Α	P	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	A	A	P
CSE		125			N	eha Bha	arti O	00001	25	25	0	0	6		0		0		0		25		51.41		0		161.1		16.27		
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Arr Time	0	10.52	10.39	10.19	9.51	10.09	9.06	0	10.18	10.03	13.21	9.12	10.21	10.48	15.17	10.29	9.12	10.32	12.49	0	10.2	0	0	8.44	10.23	10.02	9.58	10.14	0	11.15	10.22
Dep Time	0	0	17.55	17.38	16.42	19.06	16.58	0	16.11	19.04	18.56	19	19.3	19	0	17.54	17.56	17.47	18.2	0	18.21	0	0	17.57	17.44	18.27	17.04	18.01	0	18.44	17.47
Working Hrs	0	0	7.14	7.14	6.51	7.14	7.14	0	5.53	7.14	5.35	7.14	7.14	7.14	0	7.14	7.14	7.14	5.31	0	7.14	0	0	7.14	7.14	7.14	7.06	7.14	0	7.14	7.14
Over Time	0	0	0.02	0.05	0	1.43	0.38	0	0	1.47	0	2.34	1.55	0.58	0	0.11	1.3	0.01	0	0	0.47	0	0	1.59	0.07	1.11	0	0.33	0	0.15	0.11
Absent	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0
Break	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Status	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	A	A	P	P	P	P	P	A	P	P
CSE		126			Sur	il Bhar	dwaj 00	00001	26	24	0	0	7		0		0		0		24		59.45		0.01		162		0.59		
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Arr Time	0	10.56	0	10.43	10.46	11.39	10.49	0	10.5	10.28	10.44	10.46	10.5	10.49	0	11.11	10.57	10.36	12.47	0	11.16	0	10.54	10.38	10.37	10.52	11.09	11.02	11.14	0	11.36
Dep Time	0	17.37	0	17.27	17.35	18.13	17.27	0	17.33	17.2	17.55	17.43	18.26	17.43	0	15.44	18.18	18.2	19.48	0	17.46	0	17.19	17.46	16.52	18.05	17.53	17.59	18.26	0	17.56
Working Hrs	0	6.41	0	6.44	6.49	6.34	6.38	0	6.43	6.52	7.11	6.57	7.14	6.54	0	4.33	7.14	7.14	7.01	0	6.3	0	6.25	7.08	6.15	7.13	6.44	6.57	7.12	0	6.2
Over Time	0	0	0	0	0	0	0	0	0	0	0	0	0.22	0	0	0	0.07	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0
Absent	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0
Break	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Status	A	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	A	P

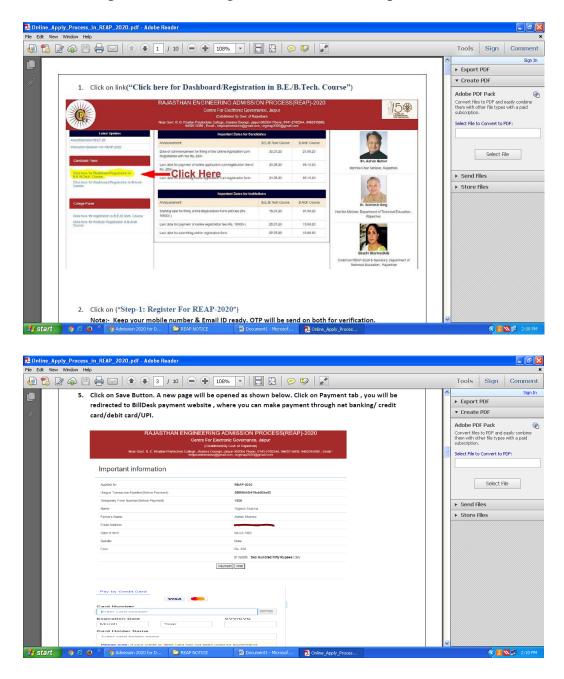
2. Finance and Accounts:

Tally software (Tally ERP 9) is used for finance & accounts related work.



3. Student Admission

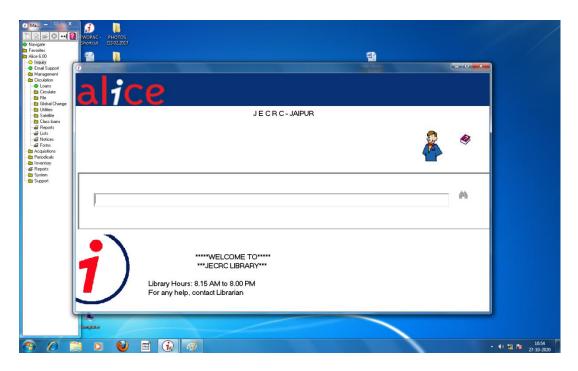
A. Admission are processed through centralized online process -

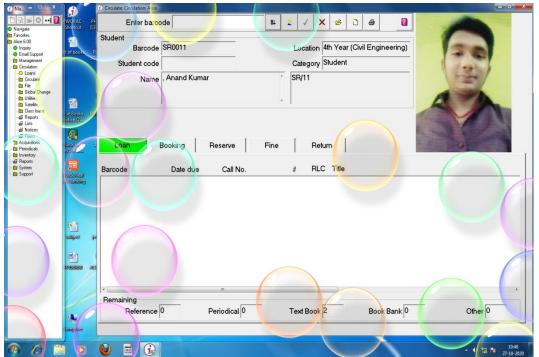


4. Library

Institute library is automated by using Library Automation Software Alice for Windows; it is an Integrated Library Management System (ILMS).

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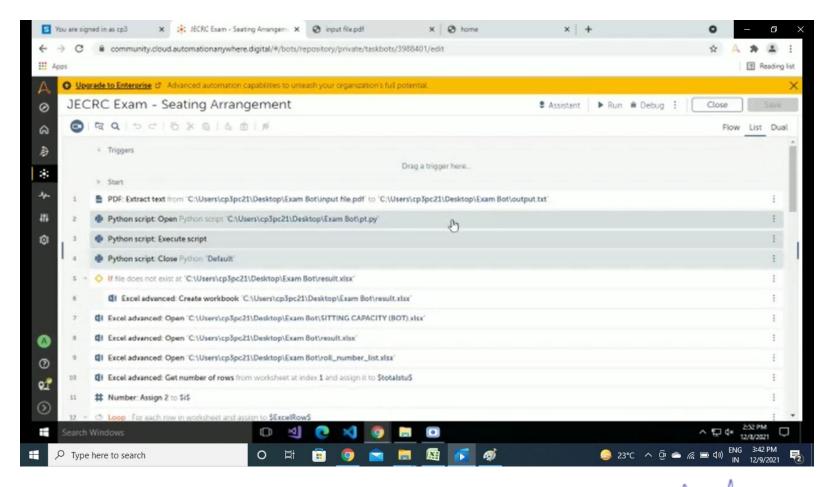
Type text her

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Recearch Cantre
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5. Examination

Automation of examination work: Examination related activity handled by the help of RPA Examination Bot. Bot is an RPA Software developed by the students of CSE to perform tasks of examination like room wise seating plan and duty chart.

SCREENSHOT OF USER INTERFACE OF EXAMINATION BOT



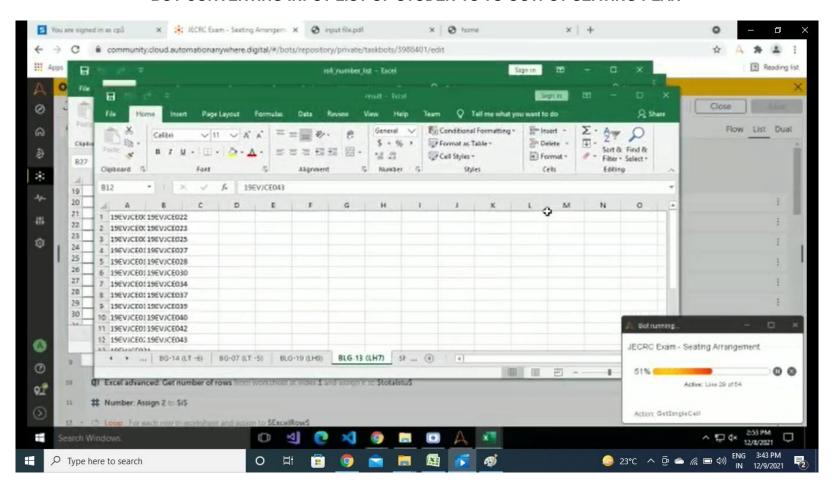
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Research Cantre
Tonk Road, Jakpur 500002

LIST OF ROOMS FOR SEATING PLAN

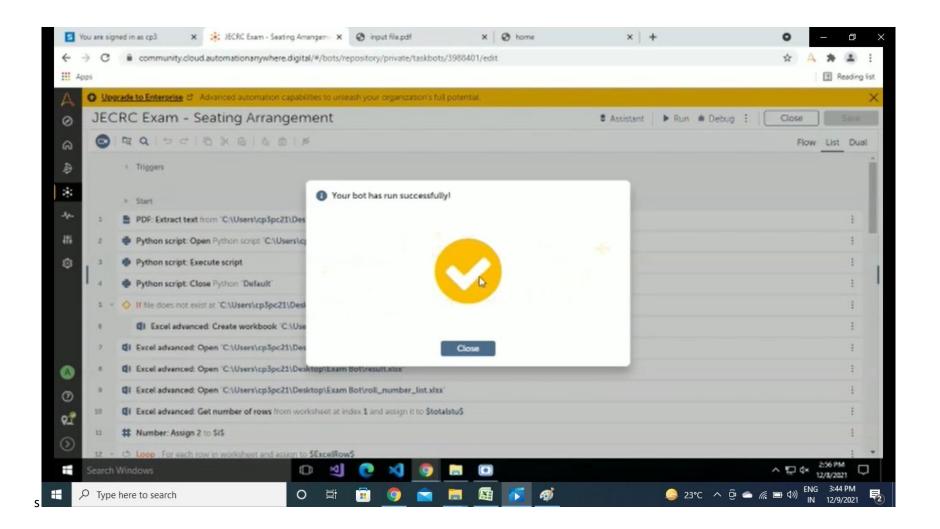
1.5						SITTING	ARACITY (90T) - Excel				Sign in 🕡	- 0
	Home	Insert Page Laye	out Formulas	Data Review	View Help T	eam 🖓	Tell me what you want to	o do				2,94
te 4	É Cut B Copy * Format Pai pboard	Calibri B I U	V 12 V A + ⊞ + ∆ + , Font				General		Table - Styles -	Insert Delete Format	∑ AutoSum → ② Fill → Ø Clear → tditi	Sort & Find & Filter * Select *
1	* 1	× √ fs	6									
	A	8	C	D	E	E	G	Н	1	J	К	L
_	S. N.	Rooms	Row	Column	TOTAL CAPACITY							
	1	BLG-13 (LH7)	13	5	65							
	2	BLG-19 (LH9)	10	5	50							
	3	RG-07 (LT -5)	12	6	72							
	4	BG-14 (LT -6)	12	6	72							
	5	BG-19	10	٥	50							
	6	BF-06 (LT -7)	12	6	72							
	7	BF-13 (LT -8)	12	6	72							
	8	BF-01	10	5	50							
	9	BS-06 (LT -9)	12	6	72							
	10	BS-12(LT-10)	12	6	72							
	11	BS-1 (401)	10	5	50							
	Sh	oet1 ④						1 (1)				

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BOT CONVERTING INPUT LIST OF STUDEN TS TO OUTPUT SEATING PLAN



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