

INFRASTRUCTURE REQUIREMENT FOR CAL-C SOFTWARE CENTRE

Sr No	Infrastructure Requirement	A	B & C	D
1	Area	Minimum covered area 1500 sq ft Class Room : 02 Nos Labs : 02 Nos Counselling Area Office Area Library Area Total : 1500 Sq ft	Minimum covered area 1200 sq ft Class Room : 01 No Labs : 01 Nos Counselling Area Office Area Library Area Total : 1200 Sq ft	Minimum covered area 1000 sq ft Class Room : 01 Nos Labs : 01 No Counselling Area Office Area Library Area Total : 1000 Sq ft
		Seating Capacity : Min 15-20 in one class room	Seating Capacity : Min 15-20 in one class room	Seating Capacity : Min 15-20 in one class room
		Seating Capacity : Min 15-20 in one Lab	Seating Capacity : Min 15-20 in one Lab	Seating Capacity : Min 15-20 in one Lab
2	No. of Computers	Minimum 12 Nos. All PC's above Pentium IV	Minimum 10 Nos. All PC's above Pentium IV	Minimum 8 Nos. All PC's above Pentium IV
	Networking	All Pcs to be Networked	All Pcs to be Networked	All Pcs to be Networked
	Printer	Min : 02 Printers (All in One Printer : 01)	Min : 01 Printer (All in One Printer : 01)	Min : 01 Printer (All in One Printer : 01)
3	Software	Windows : Latest Version MS Office : 2010 or Higher Other Softwares: As per courses	Windows : Latest Version MS Office : 2010 or Higher Other Softwares: As per courses	Windows : Latest Version MS Office : 2010 or Higher Other Softwares: As per courses
4	Library	Minimum 50 nos. of books on Software & developing	Minimum 30 nos of books on Software & developing	Minimum 25 nos of books on Software & developing
5	Desired qualification of promoter	B.E. / MCA / MBA / Post Graduate / Graduate / Diploma in computers or Three year diploma in electronic and communication / Computer Science	B.E. / MCA / MBA / Post Graduate / Graduate / Diploma in computers or Three year diploma in electronic and communication / Computer Science	B.E / MCA / MBA / Post Graduate / Graduate / Diploma in computers Or Three year diploma in electronics and communication / Computer Science
6	Desired Experience	Experience in IT/ Non-IT	Experience in IT/ Non-IT	Experience in IT/ Non-IT

7	Investment Required (Inclusive of Recurring expenses for one year) License fee for three years	Approximately 7.90 lacs (Annual Joint Advertisement Contribution to be paid as per the contribution criteria laid down by Punjab Infotech)	Approximately 6.55 Lacs (LF for B Category is 0.75 LF for C Category is 0.60) (Annual Joint Advertisement Contribution to be paid as per the contribution criteria laid down by Punjab Infotech)	Approximately 5.10 lacs (Annual Joint Advertisement Contribution to be paid as per the contribution criteria laid down by Punjab Infotech)
		Rs/Lacs Fixed Expenses License fee : 1.00 Computers : 1.50 Furniture : 1.50 Teaching Aid : 0.50 Recurring Expenses Salary to staff : 1.50 Rent+Elect : 1.50 Misc (Books,tele etc) : 0.40 Total : 7.90	Rs/Lacs Fixed Expenses License fee : 0.75 Computers : 1.25 Furniture : 1.25 Teaching Aid : 0.50 Recurring Expenses Salary to staff : 1.25 Rent+Elect : 1.25 Misc (Books,tele etc) : 0.30 Total : 6.55	Rs/Lacs Fixed Expenses License fee : 0.30 Computers : 1.00 Furniture : 1.00 Teaching Aid : 0.50 Recurring Expenses Salary to staff : 1.00 Rent+Elect : 1.00 Misc (Books,tele etc) : 0.30 Total : 5.10
	Faculty	Minimum Two (for new centre) Full time employee	Minimum Two (For New Centre) Full Time Employee	Minimum Two (For New Centre) Full Time Employee
		B.E. / M.C.A. or 'B' level of DOEACC or equivalent. or Support faculty should have at least M.Sc.(Electronics/ Computer) / degree/ 3 years Diploma from Govt recognized Institution or Advanced diploma or equivalent of CAL-C/ 'A' level of DOEACC (For PGDCA Course, Experienced faculty is required)	B.E. / M.C.A. or 'B' level of DOEACC or equivalent. or Support faculty should have at least M.Sc.(Electronics/ Computer) / degree/ 3 years Diploma from Govt recognized Institution or Advanced diploma or equivalent of CAL-C/ 'A' level of DOEACC (For PGDCA Course, Experienced faculty is required)	B.E. / M.C.A. or 'B' level of DOEACC or equivalent. or Support faculty should have at least M.Sc.(Electronics/ Computer) / degree/ 3 years Diploma from Govt recognized Institution or Advanced diploma or equivalent of CAL-C/ 'A' level of DOEACC (For PGDCA Course, Experienced faculty is required)
9	Other Staff	Counsellor Counsellor : One Graduate with knowledge of computer operations and well in communication skills (Initial Training required)	Counsellor Counsellor : One Graduate with knowledge of computer operations and well in communication skills (Initial Training required)	Counsellor Counsellor : One Graduate with knowledge of computer operations and well in communication skills (Initial Training required)
		Helper Helper : one	Helper Helper : one	Helper Helper : one
10	Staff Teacher Ratio	01:20	01:20	01:20
11	Maximum batch size	25students	20 students	20 students
12	Internet Connection	Required	Required	Required
13	Power Back up	Generator 5 KVA	Generator 5 KVA	Generator 5 KVA
14	Teaching Aid	LCD Projector	LCD Projector	LCD Projector

INFRASTRUCTURE REQUIREMENT FOR HARDWARE CENTRE

Sr No	Infrastructure Requirement	A	B & C	D
1	Area	Minimum covered area 1500 sq ft Class Room : 02 Nos Labs : 02 Nos Counselling Area Office Area Library Area Total : 1500 Sq ft	Minimum covered area 1200 sq ft Class Room : 01 No Labs : 01 Nos Counselling Area Office Area Library Area Total : 1200 Sq ft	Minimum covered area 1000 sq ft Class Room : 01 Nos Labs : 01 No Counselling Area Office Area Library Area Total : 1000 Sq ft
		Seating Capacity : Min 15-20 in one class room	Seating Capacity : Min 15-20 in one class room	Seating Capacity : Min 15-20 in one class room
		Seating Capacity : Min 15-20 in one Lab	Seating Capacity : Min 15-20 in one Lab	Seating Capacity : Min 15-20 in one Lab
2	No. of Computers	Minimum 12 Nos. All PC's above Pentium IV	Minimum 10 Nos. All PC's above Pentium IV	Minimum 8 Nos. All PC's above Pentium IV
	Networking	All Pcs to be Networked	All Pcs to be Networked	All Pcs to be Networked
	Printer	Min : 02 Printers (All in One Printer : 01)	Min : 01 Printer (All in One Printer : 01)	Min : 01 Printer (All in One Printer : 01)
3	Software	Windows : Latest Version MS Office : 2010 or Higher Other Softwares: As per courses	Windows : Latest Version MS Office : 2010 or Higher Other Softwares: As per courses	Windows : Latest Version MS Office : 2010 or Higher Other Softwares: As per courses
	Hardware	<ul style="list-style-type: none"> ➤ Discrete Trainer Board ➤ Digital Trainer Board ➤ SMPS trainer board ➤ Bread Board Trainer kit ➤ CRO Tool kit (5) Minimum 01 set for every 25 students Dual Trace	<ul style="list-style-type: none"> ➤ Discrete Trainer Board ➤ Digital Trainer Board ➤ SMPS trainer board ➤ Bread Board Trainer kit ➤ CRO Tool kit (5) Minimum 01 set for every 25 students Dual Trace	<ul style="list-style-type: none"> ➤ Discrete Trainer Board ➤ Digital Trainer Board ➤ SMPS trainer board ➤ Bread Board Trainer kit ➤ CRO Tool kit (5) Minimum 01 set for every 25 students Dual Trace
4	Library	Minimum 50 nos. of books on Software & developing	Minimum 30 nos of books on Software & developing	Minimum 25 nos of books on Software & developing
5	Desired qualification of promoter	B.E. / MCA / MBA / Post Graduate / Graduate / Diploma in computers or Three year diploma in electronic and communication / Computer Science	B.E. / MCA / MBA / Post Graduate / Graduate / Diploma in computers or Three year diploma in electronic and communication / Computer Science	B.E / MCA / MBA / Post Graduate / Graduate /Diploma in computers Or Three year diploma in electronics and communication / Computer Science

6	Desired Experience	Experience in IT/ Non-IT	Experience in IT/ Non-IT	Experience in IT/ Non-IT
7	Investment Required (Inclusive of Recurring expenses for one year) License fee for three years	Approximately 7.90 lacs (Annual Joint Advertisement Contribution to be paid as per the contribution criteria laid down by Punjab Infotech)	Approximately 6.55 Lacs (LF for B Category is 0.75 LF for C Category is 0.60) (Annual Joint Advertisement Contribution to be paid as per the contribution criteria laid down by Punjab Infotech)	Approximately 5.10 lacs (Annual Joint Advertisement Contribution to be paid as per the contribution criteria laid down by Punjab Infotech)
		Rs/Lacs Fixed Expenses License fee : 1.00 Computers : 1.50 Furniture : 1.50 Teaching Aid : 0.50 Recurring Expenses Salary to staff : 1.50 Rent+Elect : 1.50 Misc (Books,tele etc) : 0.40 ----- Total : 7.90	Rs/Lacs Fixed Expenses License fee : 0.75 Computers : 1.25 Furniture : 1.25 Teaching Aid : 0.50 Recurring Expenses Salary to staff : 1.25 Rent+Elect : 1.25 Misc (Books,tele etc) : 0.30 ----- Total : 6.55	Rs/Lacs Fixed Expenses License fee : 0.30 Computers : 1.00 Furniture : 1.00 Teaching Aid : 0.50 Recurring Expenses Salary to staff : 1.00 Rent+Elect : 1.00 Misc (Books,tele etc) : 0.30 ----- Total : 5.10
	Faculty	Minimum Two (for new centre) Full time employee	Minimum Two (For New Centre) Full Time Employee	Minimum Two (For New Centre) Full Time Employee
		B.E. / M.C.A. or 'B' level of DOEACC or equivalent. or Support faculty should have at least M.Sc.(Electronics/ Computer) / degree/ 3 years Diploma from Govt recognized Institution or Advanced diploma or equivalent of CAL-C/ 'A' level of DOEACC (For PGDCA Course, Experienced faculty is required)	B.E. / M.C.A. or 'B' level of DOEACC or equivalent. or Support faculty should have at least M.Sc.(Electronics/ Computer) / degree/ 3 years Diploma from Govt recognized Institution or Advanced diploma or equivalent of CAL-C/ 'A' level of DOEACC (For PGDCA Course, Experienced faculty is required)	B.E. / M.C.A. or 'B' level of DOEACC or equivalent. or Support faculty should have at least M.Sc.(Electronics/ Computer) / degree/ 3 years Diploma from Govt recognized Institution or Advanced diploma or equivalent of CAL-C/ 'A' level of DOEACC (For PGDCA Course, Experienced faculty is required)
9	Other Staff	Counsellor Counsellor : One Graduate with knowledge of computer operations and well in communication skills (Initial Training required)	Counsellor Counsellor : One Graduate with knowledge of computer operations and well in communication skills (Initial Training required)	Counsellor Counsellor : One Graduate with knowledge of computer operations and well in communication skills (Initial Training required)
		Helper Helper : one	Helper Helper : one	Helper Helper : one
10	Staff Teacher Ratio	01:20	01:20	01:20
11	Maximum batch size	25students	20 students	20 students
12	Internet Connection	Required	Required	Required
13	Power Back up	Generator 5 KVA	Generator 5 KVA	Generator 5 KVA
14	Teaching Aid	LCD Projector	LCD Projector	LCD Projector
15	CCTV Camera	Min : 04 nos (Covering Lab, Theory Room, Office & Counsellor area)	Min : 04 nos (Covering Lab, Theory Room, Office & Counsellor area)	Min : 04 nos (Covering Lab, Theory Room, Office & Counsellor area)

INFRASTRUCTURE REQUIREMENT FOR CAL-C SOFTWARE & HARDWARE CENTRE

Sr No	Infrastructure Requirement	A	B & C	D
1	Area	Minimum covered area 2200 sq ft Class Room : 02 Nos SW Labs : 02 Nos HW Lab : 01 Nos Counselling Area Office Area Library Area Total : 2200 Sq ft	Minimum covered area 1800 sq ft Class Room : 01 No Labs : 01 Nos Counselling Area Office Area Library Area Total : 1200 Sq ft	Minimum covered area 1500 sq ft Class Room : 01 Nos Labs : 01 No Counselling Area Office Area Library Area Total : 1500 Sq ft
		Seating Capacity : Min 15-20 in one class room	Seating Capacity : Min 15-20 in one class room	Seating Capacity : Min 15-20 in one class room
		Seating Capacity : Min 15-20 in one Lab	Seating Capacity : Min 15-20 in one Lab	Seating Capacity : Min 15-20 in one Lab
2	No. of Computers	Minimum 15 Nos. All PC's above Pentium IV	Minimum 12 Nos. All PC's above Pentium IV	Minimum 10 Nos. All PC's above Pentium IV
	Networking	All Pcs to be Networked	All Pcs to be Networked	All Pcs to be Networked
	Printer	Min : 02 Printers (All in One Printer : 01)	Min : 01 Printer (All in One Printer : 01)	Min : 01 Printer (All in One Printer : 01)
3	Software	Windows : Latest Version MS Office : 2010 or Higher Other Softwares: As per courses	Windows : Latest Version MS Office : 2010 or Higher Other Softwares: As per courses	Windows : Latest Version MS Office : 2010 or Higher Other Softwares: As per courses
	Hardware	<ul style="list-style-type: none"> ➤ Discrete Trainer Board ➤ Digital Trainer Board ➤ SMPS trainer board ➤ Bread Board Trainer kit ➤ CRO Tool kit (5) Minimum 01 set for every 25 students Dual Trace	<ul style="list-style-type: none"> ➤ Discrete Trainer Board ➤ Digital Trainer Board ➤ SMPS trainer board ➤ Bread Board Trainer kit ➤ CRO Tool kit (5) Minimum 01 set for every 25 students Dual Trace	<ul style="list-style-type: none"> ➤ Discrete Trainer Board ➤ Digital Trainer Board ➤ SMPS trainer board ➤ Bread Board Trainer kit ➤ CRO Tool kit (5) Minimum 01 set for every 25 students Dual Trace
4	Library	Minimum 50 nos. of books on Software & developing	Minimum 30 nos of books on Software & developing	Minimum 25 nos of books on Software & developing
5	Desired qualification of promoter	B.E. / MCA / MBA / Post Graduate / Graduate / Diploma in computers or Three year diploma in electronic and communication / Computer Science	B.E. / MCA / MBA / Post Graduate / Graduate / Diploma in computers or Three year diploma in electronic and communication / Computer Science	B.E / MCA / MBA / Post Graduate / Graduate / Diploma in computers Or Three year diploma in electronics and communication / Computer Science

6	Desired Experience	Experience in IT/ Non-IT	Experience in IT/ Non-IT	Experience in IT/ Non-IT
7	Investment Required (Inclusive of Recurring expenses for one year) License fee for three years	Approximately 7.90 lacs (Annual Joint Advertisement Contribution to be paid as per the contribution criteria laid down by Punjab Infotech)	Approximately 6.55 Lacs (LF for B Category is 0.75 LF for C Category is 0.60) (Annual Joint Advertisement Contribution to be paid as per the contribution criteria laid down by Punjab Infotech)	Approximately 5.10 lacs (Annual Joint Advertisement Contribution to be paid as per the contribution criteria laid down by Punjab Infotech)
		Rs/Lacs Fixed Expenses License fee : 1.00 Computers : 1.50 Furniture : 1.50 Teaching Aid : 0.50 Recurring Expenses Salary to staff : 1.50 Rent+Elect : 1.50 Misc (Books,tele etc) : 0.40 ----- Total : 7.90	Rs/Lacs Fixed Expenses License fee : 0.75 Computers : 1.25 Furniture : 1.25 Teaching Aid : 0.50 Recurring Expenses Salary to staff : 1.25 Rent+Elect : 1.25 Misc (Books,tele etc) : 0.30 ----- Total : 6.55	Rs/Lacs Fixed Expenses License fee : 0.30 Computers : 1.00 Furniture : 1.00 Teaching Aid : 0.50 Recurring Expenses Salary to staff : 1.00 Rent+Elect : 1.00 Misc (Books,tele etc) : 0.30 ----- Total : 5.10
	Faculty	Minimum Two (for new centre) Full time employee	Minimum Two (For New Centre) Full Time Employee	Minimum Two (For New Centre) Full Time Employee
		B.E. / M.C.A. or 'B' level of DOEACC or equivalent. or Support faculty should have at least M.Sc.(Electronics/ Computer) / degree/ 3 years Diploma from Govt recognized Institution or Advanced diploma or equivalent of CAL-C/ 'A' level of DOEACC (For PGDCA Course, Experienced faculty is required)	B.E. / M.C.A. or 'B' level of DOEACC or equivalent. or Support faculty should have at least M.Sc.(Electronics/ Computer) / degree/ 3 years Diploma from Govt recognized Institution or Advanced diploma or equivalent of CAL-C/ 'A' level of DOEACC (For PGDCA Course, Experienced faculty is required)	B.E. / M.C.A. or 'B' level of DOEACC or equivalent. or Support faculty should have at least M.Sc.(Electronics/ Computer) / degree/ 3 years Diploma from Govt recognized Institution or Advanced diploma or equivalent of CAL-C/ 'A' level of DOEACC (For PGDCA Course, Experienced faculty is required)
9	Other Staff	Counsellor Counsellor : One Graduate with knowledge of computer operations and well in communication skills (Initial Training required)	Counsellor Counsellor : One Graduate with knowledge of computer operations and well in communication skills (Initial Training required)	Counsellor Counsellor : One Graduate with knowledge of computer operations and well in communication skills (Initial Training required)
		Helper Helper : one	Helper Helper : one	Helper Helper : one
10	Staff Teacher Ratio	01:20	01:20	01:20
11	Maximum batch size	25students	20 students	20 students
12	Internet Connection	Required	Required	Required
13	Power Back up	Generator 5 KVA	Generator 5 KVA	Generator 5 KVA
14	Teaching Aid	LCD Projector	LCD Projector	LCD Projector
15	CCTV Camera	Min : 04 nos (Covering Lab, Theory Room, Office & Counsellor area)	Min : 04 nos (Covering Lab, Theory Room, Office & Counsellor area)	Min : 04 nos (Covering Lab, Theory Room, Office & Counsellor area)