

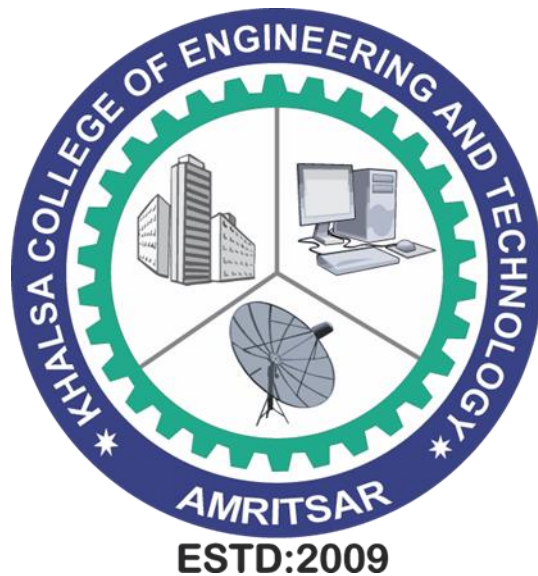


Khalsa College of Engineering & Technology
ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ
{Approved by AICTE, New Delhi & Affiliated to IKG Punjab Technical University, Jalandhar(Govt. of Punjab)}
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AICTE Mandatory Disclosure

SESSION: 2024-2025



KHALSA COLLEGE OF ENGINEERING & TECHNOLOGY, AMRITSAR



Khalsa College of Engineering & Technology

ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ

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College Details

AICTE 1 st Approval	F.No. 08/09/J&K/2009/002
AICTE Permanent ID	1-4274953
Name of the Institution	Khalsa College of Engineering & Technology
Address	C-Block Ranjit Avenue, Amritsar
State / UT	Punjab 143001
Phone No with STD Code	0183-5030760/5030765
FAX No with STD Code	0183-506969
Office hours	9:00 AM to 5:00 PM
Academic hours	9:00 AM to 4:20 PM
Email	kcetamritsar@gmail.com
Website	www.kcet.co.in
Nearest Railway Station(Distance in Km)	Amritsar Railway Station (4Kms)
Nearest Airport (Distance in Km)	Sri Guru Ram Dass Jee International Airport (9Kms)
Category (1) of the Institution	Non- minority
Category (2) of the Institution	Co-Education



Khalsa College of Engineering & Technology

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Organization

Name of the Trust / Society	Khalsa College Charitable Society, Amritsar
Type of the organization	Charitable Society
Address	G.T. Road, Amritsar
Registration No	1202
Name of the Secretary	S. Rajinder Mohan Singh Chhina
Phone No	0183-5013528,5013529,5013522,5013526
E-Mail	honysecykca@yahoo.com
Website of the organization	www.kccsasr.com
Name of the affiliating University	I.K Gujral Punjab Technical University
University Address	Jalandhar-Kapurthala, Highway, Vpo, Ibban, Punjab 144603
Website	www.Ptu.ac.in

DIRECTOR CUM PRINCIPAL

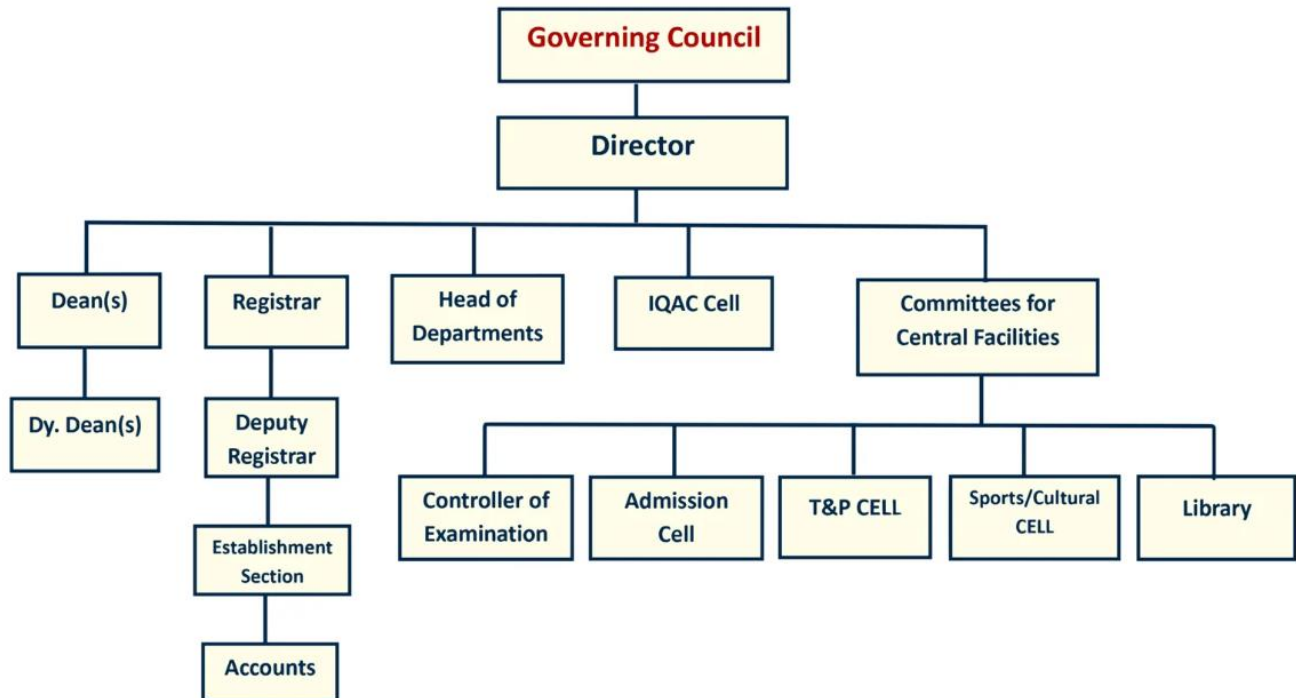
Name of Principal	Dr. Manju Bala
Designation	Director Cum Principal
Phone number	0183-5030760
FAX number with STD code	0183-506969
Email	kcetamritsar@gmail.com
Highest Degree	Ph.D. (National Institute of Technology, Hamirpur)
Field of specialization	CSE (Wireless Sensor Network & Internet of Things)



Governing Board Members

S. No	Name	Designation
1.	S. Raj Mohinder Singh Majitha	Chancellor
2.	S. Satyajit Singh Majithia	President
3.	S. Rajinder Mohan Singh Chhina	Honorary Secretary
4.	S. Sawinder Singh Kathunangal	Vice- President
5.	S. Gunbir Singh	Joint Secretary (Finance)
6.	S. Jatinder Singh Brar	Additional Honorary Secretary
7.	S. Ajmer Singh Heir	Jt. Secretary (Legal & Property)

Organisational structure





Khalsa College of Engineering & Technology

ਖਾਲਸਾ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ

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Vision

To elevate the youth on the basis of access and equity through multidisciplinary education, transformation and research exploration.

Mission

- To produce industry oriented, competent, creative, ethical and skilled professionals with an international outlook.
- Confident to contribute towards sustainable development in rural and urban areas.
- To be a center of excellence in which research and scholarship flourish.
- To provide entrepreneurs and strategic leaders for societal and human good.

Core Values

Excellence

Ethics

Diginty

Integrity

Discipline

- We create life enhancing learnings experience for our students to develop personally and professionally.
- We put our students and their goals as focus of teaching.
- We build relationship through respect and responsibility.
- We encourage creativity among our students and teachers.



Khalsa College of Engineering & Technology

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Ref No. KEET/210/8/22


Date 18/9/22

OFFICE ORDER

By the grace of God Almighty we are amongst the lucky few institutes where the students are by & large well disciplined and not even a minor incident of **Ragging** in this institute has taken place even since its inception since 2009. However, in compliance of the direction of the state Government, an **Anti-Ragging Committee** chaired by the **Dean (Academics)** of the institute is being constituted comprising the following members.

	Name	Contact Number
Chairperson:	Dr. Manju Bala (Director)	98784-02703
Civil Representative	Ms. Sudesh Nanda, (Retired Vice Principal, B.B.K D.A.V. College for Women)	98785-60521
Police Representative	S.Gurpreet Singh,	82830-12222
NGO/Advocate Representative	Mrs. Harleen Kaur	98156-97791
Representative faculty	Dr..G.S Grewal (Prof. ECE)	78147-47373
Representative Faculty	Er. Karanbir Singh (Deputy Dean Student Welfare)	97818-06041
Representative Faculty	Er. Loveleen Kaur (Asstt. Prof. CSE Deptt.)	97794-63618
Representative of parents	S. Mangat Singh (Self-Employed) Village Shahpur Jajan, Distt. Gurdaspur	62834-52463
Representative of student	Mr. Arshdeep Singh, 7 th Sem, CSE Ms. Daler Kaur, 5 th Sem, B.Sc. MT	62835-31374 98557-05055
Representative of student	Mr. Simranjit Gill, 7 th Sem, ECE Ms. Iqra Arshid, 5 th Sem, B.Sc. MLS	79863-45647 88990-99984
Representative of old student	Er. Hiteshwar Singh	94650-93332
Representative of senior student	Er. Bhanu Parkash Er. Sehaj kaur	79704-57505 73075-55730
Representative of non- teaching	Mr. Rakesh Sharma	98147-37992
Representative of non-teaching	Ms. Balbir Kaur	80548-30477

Copy to :- (i) Chief Warden Hostel Boys'/Girls for information
(ii) Suptd. Girls'/Boys Hostel
(iii) CNB/Hostel Notice Board


Director
Khalsa College of Engineering
& Technology Amritsar



Khalsa College of Engineering & Technology

ਖਾਲਸਾ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ
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Ref No. KCET/019/01/24

Date 18-01-2024

Office Order

An Internal Complaints Committee, Comprising the following members is being constituted, which will ensure that environment of the College is conducive & safe for all the students and staff especially girls students/staff. They will also keep watch that no incident of gender discrimination and sexual harassment of any kind happen in the campus. The committee creates awareness among the employees and students in regard to equality in law, gender related issues.

	Name	Contact No.
Chairperson	Dr. Mohinder Sangita, Dean Academics	62803-18361
Member	Ms. Sudesh Nanda, Retired Vice Principal, B.B.K D.A.V College for Women)	98785-60521
Member	Mrs. Harleen Kaur, Advocate	98156-97791
Female Faculty Member	Dr. Ripin Kohli, Asstt. Prof. (App.Sc.)	81465-85472
Male Faculty Member	Er. Karanbir Singh, Asstt. Prof. ME	98031-63011
Female Non-teaching Member	Ms. Balbir Kaur	80548-30477
Male Non-teaching Member	Mr. Rakesh Sharma	98147-37992
Students Representative (Male)	S. Amritpal Singh, CSE	81960-40498
Students Representative (Female)	Mr. Dheeraj Kumar, ECE	62995-00825
	Ms. Priya, CSE	63024-30362

(Dr. Manju Bala)
Director

Copy to:- All concerned



Ref No. KCET/019/01/24

Date 18-01-2024

Office Order

An Internal Complaints Committee, Comprising the following members is being constituted, which will ensure that environment of the College is conducive & safe for all the students and staff especially girls students/staff. They will also keep watch that no incident of gender discrimination and sexual harassment of any kind happen in the campus. The committee creates awareness among the employees and students in regard to equality in law, gender related issues.

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Female Non-teaching Member	Ms. Balbir Kaur	80548-30477
Male Non-teaching Member	Mr. Rakesh Sharma	98147-37992
Students Representative (Male)	S. Amritpal Singh, CSE Mr. Dheeraj Kumar, ECE	81960-40498 62995-00825
Students Representative (Female)	Ms. Priya, CSE	63024-30362


(Dr. Manju Bala)
Director

Copy to:- All concerned



Ref No. KCET/380/10/23

Date 06-10-2023

Office Orders

The Grievance Redressal Committee, according to AICTE (Redressal of Grievance of Students) Regulations, 2019, for the purpose of redressing the grievances of the students of Khalsa College of Engineering and Technology constitutes with the following members.

Sr. No	Name of the Person	Designation	Contact No
1	Dr. Mohinder Sangeeta, Dean Academics (Non-AICTE)	Chair person	81466-85946
2	Er. Bikramjit Singh, Registrar	Member	84274-60020
3	Dr. Jugraj Singh, Dean Academics (AICTE)	Member	97803-63388
4	Dr. Ripin Kohli, A.P. App Sci	Member	82465-85472
5	Dr. G.S. Grewal, Prof., CSE	Member	78147-47373
6	Dr. Jasleen Kaur, HOD CSE	Member	99884-14169
7	Dr. Pardeep Singh, HOD App Sci	Member	94649-31381
8	Dr. Ruchi Handa, HOD Diploma Wing	Member	98559-46622
9	Dr. Sandeep Devgan, HOD ME	Member	98884-53238
10	Ms. Barnada David, HOD, PMS	Member	79867-67359
11	Er. Sahil Sharma, HOD CE	Member	96821-39385

Ripin
ase
Jasleen
Kohli
bc
Sandeep


Dr. Manju Bala
(Director)



Khalsa College of Engineering & Technology

ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ

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Ref No. KCET/017/01/24

Date 18-01-2024

Er. Bikramjit Singh,
Registrar.

As you are already looking after the work of Scholarship Scheme pertains to SC/BC students of the college. You are again appointed as an OIC of Scholarship Scheme for SC/BC students of Khalsa College of Engineering & Technology, Amritsar till further orders. The following faculty members & non-teaching staff will assist you.

1. Ms. Parneet Kaur, AP BCA (Coordinator)
Mr. Manish Kumar, Deputy Asstt. Registrar (Coordinator)
2. Er. Vinod Mahajan, AP ME (Incharge ME department)
3. Er. Iqroop Kaur, AP ECE (Incharge ECE department)
4. Dr. Supreet Kaur, AP CSE (Incharge CSE department)
5. Er. Ravinder Kaur, AP CE (Incharge CE department)
6. Ms. Parneet Kaur, AP BCA/BBA (Incharge BCA/BBA department)
7. Ms. Chanpreet Kaur, AP Agri (Incharge B. Sc. Agri department)
8. Ms. Kanika Thakur, AP HMCT (Incharge HMCT department)
9. Ms. Ankita Ohri, AP Paramedical Sc. (Incharge Paramedical department)


(Dr. Manju Bala)
Director

Copy to :- (i) All Concerned

Ranjit Avenue, C Block, Amritsar, Punjab (India)-143001

Ph. 0183-5030765,5030760

Fax:-0183-2506969

Website: www.kcet.co.in

Email:-kcetamritsar@gmail.com



Khalsa College of Engineering & Technology

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Khalsa College of Engineering and Technology

List of Faculty

S.No	Department	Name	Designation	Highest Qualification obtained	Experience
1	CSE	Dr. Manju Bala	Director Cum Professor	PhD	20
2	CSE	Dr. Mohinder Sangita	Professor	PhD	52
3	CSE	Dr. Ripin Kohli	Associate Professor	PhD	15
4	CSE	Dr. Jasleen kaur	Associate Professor	PhD	13
5	CSE	Er. Sukhmeet kaur	Assistant Professor	M.Tech	15
6	CSE	Er. Diljot Singh	Assistant Professor	M.Tech	5
7	CSE	Er. Parmjeet Kaur	Assistant Professor	M.Tech	3
8	CSE	Dr. Anuradha Vashishtha	Assistant Professor	PhD (CSE)	1
9	CSE	Ms. Simranjot Kaur	Assistant Professor	M.Sc,PhD*	3
10	CSE	Ms. Sarbjot Kaur	Assistant Professor	M. Tech (CSE)	12
11	CSE	Er. Prabhjyot Kaur	Assistant Professor	M. Tech (CSE)	1
12	CSE	Er. Rubalpreet Kaur	Assistant Professor	M. Tech (CSE)	1
13	CSE	Er. Avtar Singh	Assistant Professor	M.Tech	1
14	CSE	Er. Puneet Chhina	Assistant Professor	M.Tech	1
15	CSE	Er. Harpreet Singh	Assistant Professor	M.Tech	1
16	CSE	Ms. Amritpal Kaur	Assistant Professor	M.Sc.PhD*	6
17	CSE	Er. Gaurav Sikri	Assistant Professor	M.Tech, PhD*	6
18	CE	Er. Bikramjit Singh	Associate Professor	M.Tech, PhD*	21
19	CE	Er. Jasjeevan Singh	Assistant Professor	M.Tech, PhD*	16
20	CE	Er. Ravinder Kaur	Assistant Professor	M.Tech, PhD*	3
21	CE	Er. Mansi Mahajan	Assistant Professor	M.Tech	2
22	CE	Er. Akarshan Uppal	Assistant Professor	M.Tech, PhD*	3
23	CE	Er. Sandeep Singh	Assistant Professor	M.Tech, PhD*	5
24	CE	Er. Sahil Sharma	Assistant Professor	M.Tech	9
25	CE	Er. Narinder Singh	Assistant Professor	M.Tech, PhD*	21
26	CE	Er. Gurvinder Singh	Assistant Professor	M.Tech	4
27	ME	Dr. Amit Mahajan	Associate Professor	PhD	13
28	ME	Dr. Atul Agnihotri	Associate Professor	PhD	13
29	ME	Dr. Jugraj Singh	Associate Professor	PhD	14



Khalsa College of Engineering & Technology

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30	ME	Dr. Sandeep Singh Sunny	Associate Professor	PhD	13
31	ME	Er. Vinod Mahajan	Assistant Professor	M.Tech	14
32	ME	Er. Gurcharan Singh	Assistant Professor	M.Tech, PhD*	15
33	ME	Er. Navin Kumar	Assistant Professor	M.Tech, PhD*	17
34	ME	Er. Karanbir Singh	Assistant Professor	M.Tech, PhD*	6
35	ME	Er. Harpuneet Singh	Assistant Professor	M.Tech, PhD*	11
36	ECE	Dr. Maalti Puri	Associate Professor	PhD	18
37	ECE	Dr. Jasdeep Singh	Assistant Professor	PhD	7
38	ECE	Er. Harneet Kaur	Assistant Professor	M.Tech	6
39	ECE	Er. Iqroop kaur	Assistant Professor	M.Tech	12
40	ECE	Er. Harminder kaur	Assistant Professor	M.Tech, PhD*	20
41	ECE	Er. Jaspreet Singh	Assistant Professor	M.Tech	14
42	AIML	Er. Loveleen Kaur	Associate Professor	M.Tech, PhD*	17
43	AIML	Er. Shivani Mahajan	Assistant Professor	M. Tech (CSE)	6
44	AIML	Er. Harmanpreet Kaur	Assistant Professor	M. Tech (CSE)	4
45	AIML	Er. Manpreet Modi	Assistant Professor	M.Tech (CSE)	1
46	AIML	Dr. Deepika Pathak	Assistant Professor	PhD	2
47	AIML	Ms. Rohine Pandita	Assistant Professor	M.Sc, PhD*	1
48	Agri	Dr. Sandeep Devgan	Associate Professor	PhD	12
49	Agri	Dr. Pardeep Singh	Assistant Professor	PhD	10
50	Agri	Er. Harmeet Singh Chawla	Assistant Professor	M.Tech	2
51	MBA	Dr. Ashutosh Verma	Professor	Ph.D	20
52	MBA	Dr. Ruchi Handa	Associate Professor	PhD	15
53	MBA	Mr. Yogesh Sharma	Assistant Professor	MBA	6
54	MBA	Ms. Divya Walia	Assistant Professor	MBA	1
55	MCA	Dr. Gurinderbir Singh	Professor	PhD	20
56	MCA	Dr. Supreet Kaur	Associate Professor	PhD	15
57	MCA	Ms. Parneet Kaur	Assistant Professor	MCA, Ph.D*	13
58	BCA	Dr. Shruti Khanna	Associate Professor	PhD (English)	11
59	BCA	Mr. Ravinder Masih	Assistant Professor	MCA	1
60	BCA	Ms. Jasleen Kaur	Assistant Professor	MCA	1
61	BCA	Ms. Gaganpreet Kaur	Assistant Professor	MCA	1
62	BCA	Ms. Kiran Sharma	Assistant Professor	MCA	1
63	BCA	Mr. Shiv Kumar Sharma	Assistant Professor	MCA	4
64	BBA	Dr. Rajbir Kaur	Assistant Professor	Ph.D	3
65	BBA	Ms. Kirandeep Kaur	Assistant Professor	MBA	3



Khalsa College of Engineering & Technology

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66	BBA	Ms. Balbir Kaur	Assistant Professor	MBA	7
67	BBA	Mr. Vasu Sharma	Assistant Professor	MBA	3
68	BBA	Mr. Rajeev Sharma	Assistant Professor	MBA	12
69	Diploma	Mr. Rawinder Sharma	Assistant Professor	M.Tech	12
70	Diploma	Er. Sandeep Singh	Assistant Professor	M.Tech	4
71	Diploma	Er. Avneet Atwal	Assistant Professor	M.Tech	4
72	Diploma	Mr. Jaswant Singh	Assistant Professor	M.Sc	15
73	Diploma	Ms. Harjit Kaur	Assistant Professor	M.Sc	5
74	Diploma	Dr. S. K Syal	Assistant Professor	PhD	20
75	Diploma	Er. Sameeksha Joshi	Assistant Professor	M.Tech, PhD*	5
76	Diploma	Ms. Chanpreet Kaur	Assistant Professor	M.Sc.	8
77	Diploma	Mr. Dilkiranpreet Singh	Assistant Professor	M.Sc.	4
78	Diploma	Ms. Jaskiran Kaur	Assistant Professor	M.A (English)	3
79	Diploma	Ms. Haroop Khurrana	Assistant Professor	MA (English)	6
80	Diploma	Ms. Ranjot Kaur	Assistant Professor	M.Sc.	3
81	Diploma	Ms. Gurpreet Kaur	Assistant Professor	M.Sc.	3
82	KCET	Dr. Punit Bhatia	Student Councillor	MBBS	15



Laboratory Detail (Civil Engineering)

Strength of Material Lab				
S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	UTM – for performing tensile test, compression test and bending test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
2	Brinell Hardness Test Apparatus- Hardness test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
3	Impact test Apparatus- Impact Test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
4	Torsion Test Apparatus- Torsion Test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
5	Fatigue Test Apparatus- Fatigue Test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
6	Spring Test Apparatus- Stiffness Test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010

Fluid Mechanics Lab				
S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	Reynolds Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
2	Meta centric height apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
3	Losses due to pipe fittings sudden Enlargement & Contraction apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010

(Signature)
Director
Khalsa College of Engineering
& Technology Amritsar



Khalsa College of Engineering & Technology

ਖਾਲਸਾ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ

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4	Stoke's law apparatus	1	M/S K.C. Engg (P) Ltd	17-02-2011
5	Bernoulli's Theorem Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
6	Orifice and Mouthpiece Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
7	Venturimeter & Orificemeter Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
8	Discharge Over Notch Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
9	Losses Due to Friction in Pipe line Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
10	Pitot Tube Apparatus to plot velocity profile of fluid	1	Perfect Instruments, Amritsar	15-07-2010

Surveying Lab.				
Sr No.	Details of Equipment	Nos available	Manufacturer Name	Year of Purchase
1	Box Sextant 3"	2	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
2	Chain 30m long	10	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
3	Clinopole	2	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
4	Ceylon Ghat Tracer	2	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
5	Cross Staff	2	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
6	Dumpy Level	10	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
7	Digital Planimeter	1	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010

2.

Ranjit Avenue, C Block, Amritsar, Punjab (India)-143001

Ph. 0183-5030765,5030760 Fax:-0183-2506969 Website: www.kcet.co.in Email:-kcetamritsar@gmail.com



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8	Digital Theodolite	2	Jank Positioning & surveying system Ltd.	KCET/Purchase/11/4306, 10/10/2011
9	Hand Level	2	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
10	Levelling Staff (4m)	10	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
11	Line Ranger	2	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
12	Optical Square	2	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
13	Prismatic Compass	10	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
14	Plane Table Set (24"X30")	10	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
15	Ranging Rods (3 m long)	40	PIE. Roorkee	KCET/Purchase/10/1488, 10/08/2010
16	Tangent Clinometer	2	PIE. Roorkee	KCET/Purchase/10/788, 30/04/2010
17	Measuring Tape (30m)	3	Darshan Paint & Hardware Store	Cash Payment
18	Measuring Tape (30m)	3	Darshan Paint & Hardware Store	Cash Payment
19	Measuring Tape (15m)	1	Darshan Paint & Hardware Store	Cash Payment
20	Theodolite Set with Stand	8	Bharat Emporium Civil Lines Roorkee	KCET/PO/10/787 30/4/2010
21	Flex Board	1	M/S Sun Glow Sign, ASR	KCET/PO/10/787 30/4/2010

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Concrete Technology/ Construction Material Lab

Sr No.	Details of Equipment	Nos available	Manufacturer Name	Year of Purchase
1	Compression Testing Machine	1	Hydraulic & Engineering Instruements, New Delhi	16/08/11
2	Cylindrical Measures	1	Hydraulic & Engineering Instruements, New Delhi	16/08/12
3	Compaction Factor Apparatus	1	Hydraulic & Engineering Instruements, New Delhi	16/08/13
4	Concrete Mixer	1	Hydraulic & Engineering Instruements, New Delhi	16/08/14
5	Cube Mould 70.6X70.7X70.6mm	5	Survey Scientific Traders, Ambala	10/10/11
6	Cube Mould 150X150X150mm	5	Survey Scientific Traders, Ambala	10/10/11
7	Concrete Test Hammer	1	Hydraulic & Engineering Instruements, New Delhi	16/08/11
8	Density Bottle	4	Survey Scientific Traders, Ambala	11/4307, 10/10/11
9	Le Chatlier Mould	3	Hydraulic & Engineering Instruements, New Delhi	3354, 16/08/11
10	Le Chatlier Water Bath	1	Hydraulic & Engineering Instruements, New Delhi	3354, 16/08/11
11	Standard Test Sieve 200mm	1 set	Hydraulic & Engineering Instruements, New Delhi	3354, 16/08/11
12	Standard Test Sieve 300mm	1 set	Hydraulic & Engineering Instruements, New Delhi	3354, 16/08/11
13	Standard Test Sieve 450mm	1 set	Hydraulic & Engineering Instruements, New Delhi	3354, 16/08/11
14	Slump Cone Apparatus	4	Survey Scientific Traders, Ambala	11/4307, 10/10/11

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15	Vicat Apparatus	3	Hydraulic & Engineering Instruements, New Delhi	3354, 16/08/11
16	Vee Bee Consistometer	1	Hydraulic & Engineering Instruements, New Delhi	3354, 16/08/11
17	Flexure Testing Machine	1	Hydraulic & Engineering Instruements, New Delhi	3354, 16/08/11
18	Flex Board 3'X4'	1	Sunglow Sign, Amritsar	3354, 16/08/11

Environment Engg. Lab.

Sr No.	Details of Equipment	Nos available	Manufacturer Name	Year of Purchase
1	Autoclave 300*300 mm	1	M/S AMAR ENTERPRISES.	03-12-2011
2	Burette stand	10	M/S MEENAKSHI TRADING CO.	24-10-2011
3	BOD Incubator 112 LTR CUFT	1	M/S AMAR ENTERPRISES.	05-11-2011
4	BOD Bottles	20 Pc (3)	VINMAY SCIENTIFIC	24-10-2011
5	Crucible Tong 6"ss	3	M/S MEENAKSHI TRADING CO.	24-10-2011
6	Crucible Tong 8"ss	3	M/S MEENAKSHI TRADING CO.	24-10-2011
7	Digital Dissolved Oxygen meter	1	M/S MEENAKSHI TRADING CO.	24-10-2011
8	Digital Balance citizen 210 gm/1 mg	1	M/S MEENAKSHI TRADING CO.	24-10-2011
9	Digital Turbidity mrter	1	M/S MEENAKSHI TRADING CO.	24-10-2011

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10	Digital weighing balance scale (6 kg)	1	M/S MEENAKSHI TRADING CO.	24-10-2011
11	Digital TDS meter	1	M/S MEENAKSHI TRADING CO.	24-10-2011
12	Flex board (3'•4')	1	M/S SUN GLOW SIGN	24-10-2011
13	Microprocessor based pH meter	1	M/S AMAR ENTERPRISES.	24-10-2011
14	Dissolved oxgen Probe	1	M/S VINNY SCIENTIFIC STORE	24-10-2011
15	Temperature Probe for DO meter	1	MS VINNY SCIENTIFIC STORE	24-10-2011
16	Cuvette (glass tube caliberated)	1 set of 3	MS VINNY SCIENTIFIC STORE	24-10-2011
17	Heating Mantle (500 ml)	2	M/S MEENAKSHI TRADING CO.	24-10-2011
18	Heating Mantle (1 L)	2	M/S MEENAKSHI TRADING CO.	24-10-2011
19	Hot plate 8" round	2	M/S MEENAKSHI TRADING CO.	24-10-2011
20	Jar test Aparatus 6 Paddle	1	MS AMAR ENTERPRISES.	24-10-2011
21	Laboratory Stirrer	1	M/S MEENAKSHI TRADING CO.	24-10-2011
22	Oven Hot air ss chamber	1	M/S MEENAKSHI TRADING CO.	24-10-2011
23	PC based Double Beam UV-VIS spectrophotometer	1	M/S MEENAKSHI TRADING CO.	24-10-2011
24	Stop Watch Digital	2	M/S MEENAKSHI TRADING CO.	24-10-2011
25	Tripod Stand	10	M/S MEENAKSHI TRADING CO.	24-10-2011
26	Test Tube Holder	5	M/S MEENAKSHI TRADING CO.	24-10-2011
27	Water Distillation Aparatus	1	M/S MEENAKSHI TRADING CO.	24-10-2011

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Structural Analysis Lab.

Sr No.	Details of Equipment	Nos available	Manufacturer Name	Year of Purchase
1	Apparatus for verification of Clark's Maxwell Reciprocal theorem	1	WS J.P. Scientific Instruments Civil lines, Roorkee	17-02-2011
2	Behaviour of Column & Struts Apparatus	1	M/S J.P. Scientific Instruments Civil lines, Roorkee	17-02-2011
3	Continuous Beam Apparatus	1	M/S J.P. Scientific Instruments Civil lines, Roorkee	17-02-2011
4	Curved member apparatus	1	M/S J.P. Scientific Instruments Civil lines, Roorkee	17-02-2011
5	Deflection of truss apparatus	1	M/S J.P. Scientific Instruments Civil lines, Roorkee	17-02-2011
6	Elastic Properties of Deflected Beam App	1	M/S J.P. Scientific Instruments Civil lines, Roorkee	17-02-2011
7	Inside Calliper 6"	2	M/S New Indra Hardware store, Amritsar	27-04-2011
8	Inside Calliper 8"	2	M/S New Indra Hardware store, Amritsar	27-04-2011
9	Outside Calliper 6"	2	M/S New Indra Hardware store, Amritsar	27-04-2011
10	Outside Calliper 8"	2	M/S New Indra Hardware store, Amritsar	27-04-2011
11	Redundant joint apparatus	1	M/S J.P. Scientific Instruments Civil lines, Roorkee	27-04-2011
12	Steel scale meter	1	M/S New Indra Hardware store, Amritsar	27-04-2011

71

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13	Three hinged arch apparatus	1	M/S J.P. Scientific Instruments Civil lines, Roorkee	27-04-2011
14	Two hinged arch apparatus	1	M/S J.P. Scientific Instruments Civil lines, Roorkee	27-04-2011
15	Unsymmetrical bending apparatus	1	M/S J.P. Scientific Instruments Civil lines, Roorkee	27-04-2011
16	Vernier Calliper 8"	1	M/S New Indra Hardware store, Amritsar	27-04-2011

Transportation Engg. Lab.

Sr No.	Details of Equipment	Nos available	Manufacturer Name	Year of Purchase
1	Aggregate Crushing Value Apparatus(75MM)	1	HEICO, New Delhi	02-11-2011
2	Aggregate Impact Test Apparatus	1	HEICO, New Delhi	02-11-2011
3	Centrifugal Extractor	1	HEICO, New Delhi	02-11-2011
4	Ductility Testing Machine	1	HEICO, New Delhi	02-11-2011
5	Hot Air Oven Stainlesssteel (18"x18"x 18")	1	HEICO, New Delhi	02-11-2011
6	Length gauge	1	HEICO, New Delhi	02-11-2011
7	Laboratory CBR test Apparatus (Motorised)	1	HEICO, New Delhi	02-11-2011
8	Los Angeles Abrasion Testing Machine	1	HEICO, New Delhi	02-11-2011
9	Marshall Apparatus (Electrical Operated)	1	HEICO, New Delhi	02-11-2011

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10	Proving Ring 10KN Capacity	1	HEICO, New Delhi	02-11-2011
11	Pensky Marten Flash Point	1	HEICO, New Delhi	02-11-2011
12	Ring & ball apparatus	1	HEICO, New Delhi	02-11-2011
13	Seive Shaker Motorised	1	HEICO, New Delhi	02-11-2011
14	Standard penetrometer	1	HEICO, New Delhi	02-11-2011
15	Standard Test Seive 200 MM	1	HEICO, New Delhi	02-11-2011
16	Standard Test Seive 300 MM	1	HEICO, New Delhi	02-11-2011
17	Thickness gauge (flakiness)	1	HEICO, New Delhi	02-11-2011
18	Weighing Balance 20 kg	1	HEICO, New Delhi	02-11-2011

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Laboratory Detail (Computer Science & Engineering)

Programming Lab

S.No.	Equipment's	Description & configuration	Quantity
1	Computer	Model : Dell Vostro 420	20
2	UPS	Amson 10kva Online (with 15 batteries)	1
3	Rack		1
4	Switch	D-Link 24 port	1
5	I/O Ports	D-Link	16
6	Patch cord	D-Link	16
7	Student Chairs	Computer Chairs	20
8	Teacher chair		1
9	Teacher Table		1
10	Computer Table(Single)		2
11	Computer Table(double)		9
12	White/black board		0

Internet & Web Technologies Lab/Computer Workshop

S.No	Equipment's	Description & configuration	Quantity
1	Computer	Model : Dell Vostro 420	20
2	UPS	Amson 10kva Online (with 15 batteries)	1
3	Rack	8u	1
4	Switch	D-Link 24 port	2
5	I/O Ports	D-Link	21
6	Patch cord	D-Link	21
7	Teacher Table		1
8	Teacher Chair		1
9	Student Chair	Computer Chairs	20
10	Computer Table (single)		1
11	Computer Table(Double)		10
12	White/Black Board		0


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Multimedia & Applications Lab

S.No.	Equipment's	Description & configuration	Quantity
1	Computer	Model : Dell optiplex380	15
2	Computer	Model : Dell optiplex780	7
3	UPS	Amson 10kva Online (with 15 batteries)	1
4	Rack		1
5	Switch	D-Link 24 port	2
6	I/O Ports	D-Link	36
7	Patch cord	D-Link	36
8	Student Chairs	Computer chairs	22
9	Teacher chair		1
10	Teacher Table		1
11	Computer Table(Single)		0
12	Computer Table(double)		18
13	White		1

RDBMS Lab

S.no	Equipment's	Description & configuration	Quantity
1	Computer	Model : Dell Vostro 420	10
		Model : Dell Optiplex 780	5
		Model : Dell Optiplex 380	3
2	UPS	Amson 10kva Online (with 15 batteries)	1
3	Rack		1
4	Switch	D-Link 24 port	1
5	I/O Ports	D-Link	16
6	Patch panel	D-Link	1
7	Student Chairs	Wooden/steel	20
8	Teacher chair		1
9	Teacher Table		1
10	Computer Table(Single)		1
11	Computer Table(double)		10
12	White/black board		1


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Operating System Lab

S.no	Equipment's	Description & configuration	Quantity
1	Computer	Model : Dell Vostro 420	2
		Model : Dell Optiplex 780	8
		Model : Dell Optiplex 380	10
2	UPS	Amson 10kva Online (with 15 batteries)	1
3	Rack		1
4	Switch	D-Link 24 port	1
5	I/O Ports	D-Link	20
6	Patch panel	D-Link	0
7	Student Chairs	Wooden/steel	20
8	Teacher chair		1
9	Teacher Table		1
10	Computer Table(Single)		12
11	Computer Table(double)		4
12	White/black board		1

Data Structures & Programming Lab

S.no	Equipment's	Description & configuration	Quantity
1	Computer	Model : Dell Vostro 420	2
		Model : Dell Optiplex 780	8
		Model : Dell Optiplex 380	10
2	UPS	Amson 10kva Online (with 15 batteries)	1
3	Rack		1
4	Switch	D-Link 24 port	1
5	I/O Ports	D-Link	20
6	Patch panel	D-Link	0
7	Student Chairs	Wooden/steel	20
8	Teacher chair		1
9	Teacher Table		1
10	Computer Table(Single)		12
11	Computer Table(double)		4
12	White/black board		1


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Digital Electronics Lab		
S. NO.	EQUIPMENT PARTICULARS WITH MODEL NO.	QTY(NOS.)
1	DIGITAL TRAINER KIT ST2 614	5
2	CRO	3
3	DIGITAL MULTIMETERS	5
4	FUNCTION GENERATOR 1MHZ	3
5	ADVANCE DIGITAL TRAINER KIT	5
6	ADES KIT	1
2	CRO 20 MHZ Microcontroller Based Caddo 801	3
3	DIGITAL MULTIMETERS UT 60B	4+1
4	FUNCTION GENERATOR 1MHZ	2+1
5	ADVANCE DIGITAL TRAINER KIT ATDGBR- VR:005	8

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Laboratory Detail (Mechanical Engineering)

Applied Thermodynamic Lab

S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	4 cylinder 4 stroke MPFI Petrol Engine(Morse Test)	1	M/S Neelam Engineering Company ,Agra	23-02-2012
2	1 cylinder 4 stroke Petrol Engine test Rig	1	M/S K.C. Engg (P) Ltd	15-07-2010
3	1 cylinder 4 stroke Diesel Engine test Rig	1	M/S K.C. Engg (P) Ltd	15-07-2010
4	1 cylinder 2 stroke Petrol Engine test Rig	1	M/S K.C. Engg (P) Ltd	15-07-2010
5	Air Compressor Test Rig (Double Stage)	1	M/S K.C. Engg (P) Ltd	15-07-2010

Applied Mechanics Lab

S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	Motorised gyroscope apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
2	Governor Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
3	Epicyclic gear train apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
4	Cam analysis Machine	1	M/S K.C. Engg (P) Ltd	15-07-2010
5	Journal Bearing Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
6	Static and Dynamic Balancing Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010

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Strength of Material Lab

S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	UTM – for performing tensile test, compression test and bending test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
2	Brinell Hardness Test Apparatus- Hardness test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
3	Impact test Apparatus- Impact Test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
4	Torsion Test Apparatus- Torsion Test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
5	Fatigue Test Apparatus- Fatigue Test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010
6	Spring Test Apparatus- Stiffness Test	1	M/S Hydraulics and Engg Instruments, New Delhi	15-07-2010

Material Science Lab

S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	Microscope	1	JP Scientific Instruments	02-09-2010
2	Jominy Test Apparatus	1	JP Scientific Instruments	02-09-2010
3	Muffle Furnance	1	JP Scientific Instruments	02-09-2010
4	Polishing Machine	1	JP Scientific Instruments	02-09-2010
5	Sand Paper Polishing Machine	1	JP Scientific Instruments	02-09-2010

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6	Hydraulic Press	1	JP Scientific Instruments	02-09-2010
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Fluid Mechanics Lab

S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	Reynolds Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
2	Meta centric height apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
3	Losses due to pipe fittings sudden Enlargement & Contraction apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
4	Stoke's law apparatus	1	M/S K.C. Engg (P) Ltd	17-02-2011
5	Bernoulli's Theorem Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
6	Orifice and Mouthpiece Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
7	Venturimeter & Orificemeter Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
8	Discharge Over Notch Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
9	Losses Due to Friction in Pipe line Apparatus	1	M/S K.C. Engg (P) Ltd	15-07-2010
10	Pitot Tube Apparatus to plot velocity profile of fluid	1	Perfect Instruments, Amritsar	15-07-2010


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Heat Transfer Lab Equipments

S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	Thermal Conductivity by guarded hot Plate Method Apparatus	1	M/S Neelam Engineering Company ,Agra	19-07-2012
2	Emissivity Measurement Apparatus	1	M/S Neelam Engineering Company ,Agra	19-07-2012
3	Forced Convection Apparatus	1	M/S Neelam Engineering Company ,Agra	19-07-2012
4	Thermal Conductivity of Insulating Powder Apparatus	1	M/S Neelam Engineering Company ,Agra	19-07-2012
5	Pin Fin Apparatus	1	M/S Neelam Engineering Company ,Agra	19-07-2012
6	Drop Wise Film Condensation	1	M/S Neelam Engineering Company ,Agra	19-07-2012
7	Natural Convection Apparatus	1	M/S Neelam Engineering Company ,Agra	19-07-2012
8	Thermal Conductivity of Metal Rod	1	M/S Neelam Engineering Company ,Agra	19-07-2012
9	Stefan Boltzmann Apparatus	1	M/S Neelam Engineering Company ,Agra	19-07-2012

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Mechanical Measurement and Metrology Equipments

S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	Sine bar apparatus for measurement of angles	1	M/S Modi Sales Corporation	28-05-2012
2	Surface roughness test apparatus	1	Perfect Instruments, Amritsar	30-01-2013
3	Profile Projector Apparatus for measuring gear elements	1	M/S Isomet Limited, Chadigarh	22-08-2012
4	Tool Maker Microscope	1	M/S Isomet Limited, Chadigarh	22-08-2012
5	Dead weight gauge test Apparatus	1	M/S Scientico, Ambala	30-07-2012
6	Stroboscope Apparatus for Measurement of shaft Speed	1	Perfect Instruments, Amritsar	07-11-2012
8	Three wire Method Apparatus for measure of dia of External Thread	1	Perfect Instruments, Amritsar	07-11-2012

Industrial Automation and Robotics Lab Equipments

S.NO.	Detail of the Equipment	Nos. available	Name of Manufacturer	Year of purchase
1	Cut Section of all the Automobile parts	1	Laxmi enterprises,jahajgarh ,Amritsar	11-06-2012
2	Physical Model of Complete chassis of Automobile	1	Laxmi enterprises,jahajgarh ,Amritsar	11-06-2012


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Digital Electronics Lab		
S. NO.	EQUIPMENT PARTICULARS WITH MODEL NO.	QTY(NOS.)
1	DIGITAL TRAINER KIT ST2 614	5
2	CRO	3
3	DIGITAL MULTIMETERS	5
4	FUNCTION GENERATOR 1MHZ	3
5	ADVANCE DIGITAL TRAINER KIT	5
6	ADES KIT	1
2	CRO 20 MHZ Microcontroller Based Caddo 801	3
3	DIGITAL MULTIMETERS UT 60B	4+1
4	FUNCTION GENERATOR 1MHZ	2+1
5	ADVANCE DIGITAL TRAINER KIT ATDGBR- VR:005	8


Dr. Manju Bala
Director


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Khalsa College of Engineering
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6.

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Laboratory Detail (Applied Science)

Physics Lab				
Sr No.	Details of Equipment	Nos available	Manufacturer Name	Year of Purchase
1	Steward Gee's Apparatus	6	M/S Vinny Scientific Store, Amritsar	2009
2	Dielectric Constant Apparatus	4	M/S Vinny Scientific Store, Amritsar	2009
3	Diode LASER	2	M/S Vinny Scientific Store, Amritsar and HC Memorial Scientific Corpn, Ambala	2012
4	Michelson Interferometer with He-Ne LASER	1	M/S Vinny Scientific Store, Amritsar	2009
5	Advanced Optical Fiber Kit	1	M/S Vinny Scientific Store, Amritsar	2009
6	AC main Electrical vibrator	6	M/S Vinny Scientific Store, Amritsar	2009
7	Multisocket leads	26	M/S Vinny Scientific Store, Amritsar	2009
8	Holography Kit	1	HC Memorial Scientific Corpn, Ambala	2010
9	Microwave Test Bench solid state Klystron based	1	M/S Vinny Scientific Store, Amritsar	2009
10	Quinke's Apparatus	1	M/S Vinny Scientific Store, Amritsar	2009
11	Charts Physics	4	M/S Vinny Scientific Store, Amritsar	2010
12	Microcontroller based oscilloscope (CRO)	1	Silicon electronics Pvt. Ltd., New Delhi	2012
13	Function Generator	1	Silicon electronics Pvt. Ltd., New Delhi	2012
14	B.H. Curve Apparatus	1	HC Memorial Scientific Corpn, Ambala	2012
15	Ultrasonic Waves Apparatus	1	HC Memorial Scientific Corpn, Ambala	2012
16	Digital Multimeter	1	HC Memorial Scientific Corpn, Ambala	2012
17	Spectrometer using Grating	1	HC Memorial Scientific Corpn, Ambala	2012
18	Spectrometer By Hollow prism	1	HC Memorial Scientific Corpn, Ambala	2012
19	Microscope (Optical)	1	HC Memorial Scientific Corpn, Ambala	2012

1

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20	Dielectric Constant Apparatus	2	M/s Amar Enterprise, Ambala Cantt	2017
21	Advanced Optical Fiber Kit	1	M/s Amar Enterprise, Ambala Cantt	2017
22	Determination of height of Tower	1	M/s Amar Enterprise, Ambala Cantt	2019
23	Barpendulum	1	M/s Amar Enterprise, Ambala Cantt	2019
24	Flywheel	1	M/s Amar Enterprise, Ambala Cantt	2019
25	Torsion Pendulum	1	M/s Amar Enterprise, Ambala Cantt	2019
26	Kater Pendulum	1	M/s Amar Enterprise, Ambala Cantt	2019
27	Maxwell Inductance Bridge	1	M/s Amar Enterprise, Ambala Cantt	2019
28	Flashing & Queuching of neon bulb	1	M/s Amar Enterprise, Ambala Cantt	2019
29	LCR Resonance	1	M/s Amar Enterprise, Ambala Cantt	2019
30	LCR Impeplance	1	M/s Amar Enterprise, Ambala Cantt	2019

Chemistry Lab

Sr. No.	Category Name	Product Title	Available Quantity	Units	Remarks
1	Chemicals & Reagents	Acetone	2400	ml/gm	50ml
2	Equipment	Alcohol Thermometer	1	piece(s)	1
3	Furniture	Almirahs	1	piece(s)	1
4	Furniture	Almirahs	1	piece(s)	1
5	Chemicals & Reagents	Aluminium oxide Active	100	gm	400g
6	Chemicals & Reagents	Ammonia Buffer solution ml	2100	ml	400ml
7	Chemicals & Reagents	Ammonia Solution	4000	ml	4000ml
8	Chemicals & Reagents	Ammonium nickel sulphate	500	gm	400g
9	Equipment	Analytical balance	2	piece(s)	2
11	Equipment	Analytical Weightbox	2	piece(s)	2
13	Equipment	Aniline point Apparatus	1	piece(s)	1

2

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14	Equipment	Beaker 1000ml	8	piece(s)	8
15	Equipment	Beaker 500	8	piece(s)	8
16	Equipment	Beaker Plastic 250ml	4	piece(s)	4
17	Equipment	Beaker plastic100 ml	6	piece(s)	6
18	Chemicals & Reagents	Benzaldehyde	350	ml	150ml
19	Chemicals & Reagents	Benzene	1250	ml	1250ml
20	Chemicals & Reagents	Buffer Solution	1000	ml	nil
21	Equipment	Burette Stand	44	piece(s)	25
22	Chemicals & Reagents	Calcium carbonate	300	gm	nil
23	Equipment	Capillary Tube	1	pkts	1
24	Chemicals & Reagents	Carbon tetrachloride	2500	ml	nil
25	Chemicals & Reagents	Chloroform	800	ml	750ml
26	Chemicals & Reagents	cupric sulphate	300	gm	250g
27	Chemicals & Reagents	DC-Alanine for Biochemsity	5	gm	5g
28	Equipment	Digital dissolved oxygenWater NAINA make	1	piece(s)	nil
29	Equipment	Digital Eletonic weghing Scale	1	piece(s)	1
30	Equipment	Droper with Teat	30	piece(s)	20
31	Chemicals & Reagents	Ethanol	2000	ml	250ml
32	Chemicals & Reagents	Ethyl alcohol	12500	ml	nil
33	Chemicals & Reagents	Ethylene diamine tetra acetic acid	600	gm	nil
34	Chemicals & Reagents	Ethylenediamine tetra acetic acid disodium salt	2	kg(s)	900g
35	Equipment	filter paper grade A	1	pkts	1
36	Equipment	Filter Paper sheets (Ordinary)	7	piece(s)	4
37	Chemicals & Reagents	Formaldehyde Solution	9600	ml	4000ml

3

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38	Equipment	Funnel (3")	100	piece(s)	15
39	Equipment	Glass slides	2	pkts	1
40	Chemicals & Reagents	Hydrochloric Acid	4500	ml	3000
41	Chemicals & Reagents	Iso propyl alcohol	1500	ml	500
42	Chemicals & Reagents	L-Leucine for biochemistry	5	gm	4
43	Equipment	Measuring Cylinder 250ml	9	piece(s)	5
44	Equipment	Measuring Cylinders (100 ml)	7	piece(s)	1
45	Equipment	measuring flask 1000 ml	6	piece(s)	4
46	Chemicals & Reagents	Methanol LR ltr	5.8	ltr	nil
47	Chemicals & Reagents	monohydrochloride	50	gm	50g
48	Chemicals & Reagents	N-Butanol Butan-1-og	800	ml	3200ml
49	Chemicals & Reagents	ninhydrin GR	5	gm	15g
50	Chemicals & Reagents	Orthophosphoric acid	200	ml	100
51	Equipment	Oven universal 300*300	1	piece(s)	1
52	Computers & Computer Peripherals	pc	1	Without Unit	1
53	Equipment	Periodical Chart	1	piece(s)	1
54	Chemicals & Reagents	Phenolphthalein Solution	625	ml	400
55	Equipment	Pipette with one mark 10 ml	27	piece(s)	15
56	Chemicals & Reagents	potassium chloride	200	gm	100g
57	Chemicals & Reagents	Potassium dichromate	600	gm	350g
58	Chemicals & Reagents	potassium hydroxide	100	gm	400g
59	Chemicals & Reagents	potassium iodide	800	gm	100g
60	Chemicals & Reagents	potassium permanganate purified	500	gm	nil

4

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61	Equipment	PH-meter digital	1	piece(s)	nil
62	Equipment	Refractometer Abbe Tanco make	1	piece(s)	1
63	Equipment	Rubber Tube	10	meter	5
64	Chemicals & Reagents	silical Gel G	500	gm	100
65	Chemicals & Reagents	sodium hydroxide pellets	700	gm	300g
66	Chemicals & Reagents	sodium thiosuiphate pure	1000	gm	nil
67	Equipment	Spatula	23	piece(s)	Corroded
68	Equipment	Specific Gravity Bottle	7	piece(s)	3
69	Equipment	Stalgamometer	63	piece(s)	15
70	Chemicals & Reagents	Starch soluble	500	gm	nil
71	Equipment	Stirring Rod	10	piece(s)	4
72	Equipment	Test tube 100*12 mm	200	piece(s)	280
73	Equipment	TLC jar	2	piece(s)	2
74	Equipment	TLC Plates	1	pkts	1
75	Equipment	Tripod Stand	48	piece(s)	1
76	Chemicals & Reagents	zinc sulphate pure	100	gm	100g
77	Equipment	Conductivity Meter	1	piece(s)	1
78	Equipment	Red wood Viscometer	2	piece(s)	2
79	Equipment	Ostwald Viscometer	5	piece(s)	4


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5

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Language Lab			
S.No.	Equipment's	Description & configuration	Quantity
1	Computer	Model: Dell optiplex380	25
2	Computer	Model: Dell optiplex780	4
3	UPS	Amson 10kva Online (with 15 batteries)	1
4	Rack		1
5	Switch	D-Link 24 port	1
6	Switch	D-Link 8 port	1
7	I/O Ports	D-Link	32
8	Patch cord	D-Link	32
9	Student Chairs	Computer Chairs	30
10	Teacher chair	Wooden	1
11	Teacher Table	Wooden	1
12	Computer Table(triple)	Wooden	12
13	Conference Big table	Wooden	1
14	White board		1
15	Headphones	Frontech or other brand	29

I.T Lab

S.No.	Equipment's	Description & configuration	Quantity
1	Computer	Model : Dell optiplex380	15
2	Computer	Model : Dell optiplex780	7
3	UPS	Amson 10kva Online (with 15 batteries)	1
4	Rack		1
5	Switch	D-Link 24 port	2
6	I/O Ports	D-Link	36
7	Patch cord	D-Link	36
8	Student Chairs	Computer chairs	22
9	Teacher chair		1
10	Teacher Table		1
11	Computer Table(Single)		0
12	Computer Table(double)		18
13	White		1

6

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Workshop Equipment Details

Carpentry Shop

Name of Lab: Carpentry Shop		
S No	Name of Article	QTY.
1	Iron Jack Plane 14'*2'	15
2	Iron Smoothing Plan9"*2"	8
3	Wooden Smoothing Plain	2
4	Rebate plane 1"	2
5	Grooving Pain 1/8"	5
6	Cast Steel Tenon Saw18"	2
7	Hand Saw rip 12"	15
8	Cast Steel Tenon Saw10"	15
9	Firmer Chisel 1"	10
10	Firmer Chisel ¾"	15
11	Firmer Chisel ½"	8
12	Firmer Chisel ¼ "	5
13	Dovetail Chisel ¾"	8
14	Try Square 10"	15
15	Wooden Mallet ½ Kg	15
16	Tee bar cramp 4"	2
17	Gimlet ½"	1
18	Gimlet 3/8"	1
19	Ratchet brace 50mm	1
20	Spring Divider 6 "	2
21	Outside Firm joint calliper 6"	2
22	Cross Peen Hammer 200gm	5
23	Edge 3"1Kg	1

24	Pincer 8"	2
25	Carpentry bench vice	15
26	Carborundum Stone	5
27	Glass cutter pen	2
28	Rasp cut file	5
29	Rasp cut file	2
30	marking gauge	15
31	Claw hammer	5
32	Mallet	8
33	Tennon saw	4
34	Mortise chiesel ½"	10
35	Wooden handle saw	10
36	Saw teeth setter	1
37	screw Driver set	1
38	steel rule 12"	5
39	steel rule 12"	2
40	compass saw	5
41	baby vice 2	1
42	mortise gauge	5
43	bevel square	2
44	compass saw rip	2
45	mortise chisel 1/4	8
46	angle grinder machine	1
47	carpentry vice	2
48	Combination plier	1
49	nose plier	1
50	flat nose pler	1
51	rasp cut file	5

7


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Fitting Shop

Name of Lab: Fitting		
S No	Name of Article	QTY.
1	SURFACE PLATE	2
2	POWER HACKSAW	1
3	SURFACE GRINDER	1
4	DRILL	1
5	Flat Smooth File 12"	6
6	Micrometer 0-25 mm	1
7	Half round second cut file 12"	3
8	Square smooth file 10"	2
9	Triangular Smooth file 6"	8
10	Ball peen hammer 220 gm	5
11	Try square 6"	8
12	Try square 10"	8
13	Spring calliper inside 6"	8
14	Spring calliper outside 6"	8
15	Odd leg calliper 6"	5
16	Vernier calliper 12"	1
17	Adjustable wrench 12"	1
18	Pipe vice 50 mm	1
19	File square second cut 6"	5
20	Fitting bench vice	15
21	Tap set	1
22	Twist drill set	2
23	Half round smooth file 4"	12
24	Round smooth file 12"	8
25	Drill sleeve 01	1
26	Machine vice 4'	1
27	Centre punch 4'	4
28	Twist taper shank drill 3/4"	1
29	Straight shank drill 3/8"	1

30	Flat bastard file 12"	15
31	Half round bastard file 12"	14
32	Pipe wrench 12"	1
33	wire brush 5"	5
34	File second cut 10"	15
35	Flat smooth file 10"	8
36	Steel tape 3m	2
37	Screw driver 8mm	2
38	Vernier calliper 6"	8
39	Flat second cut file 12"	6
40	Plier combination 6"	2
41	Stainless steel rule 12"	3
42	Flat smooth file 8"	8
43	Ball peen hammer 500 gm	8
44	Hacksaw frame 12"	8
45	Drill chuck 0-1/2"	2
46	Double end spanner 3/8 "-1"	4
47	Chain pipe wrench 4 "	1
48	Spirit level	2
49	Double face hammer 1 kg	2
50	Cross peen hammer 500 gm	2
51	Number punch 5 mm	2
52	Pipe wrench 350 mm	2
53	Pipe wrench 450 mm	2
54	Double end spanner set	1
55	Ring spanner set	1 set
56	Micrometer 0-25 mm	1
57	Micrometer 25-50 mm	1
58	Adjustable pipe die set	2
59	Surface plate	1
60	Scriber 6"	12
61	Flat scraper 6"	5
62	Hss spiral flat rammer	1
63	Hss adjustable rammer	1

8

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64	Double end grinder	1
65	Combination set 300 mm	1
66	V block	2
67	Chain pipe wrench 3"	1
68	Depth gauge 12 "	1
69	chisel	5
70	Tap handle	2
71	Fly Press	1
72	½" Drill chuck	2
73	alphabet number punch	2
74	scale	4
75	Drill sleeve	6
76	round die set	4
77	machine drill vice	2 no
78	hand drill machine	1
79	micrometer 0-25 mm	1

80	divider spring type	8
81	Steel tape 3m	1
82	height guage	1
83	bench drilling machine 1/2"	1
84	power hacksaw	1
85	surface plate able frame	2
86	surface plate	1
87	work table	5
88	Flat Bastard file 12"	2
89	Flat Bastard file 12"	2
90	Half Round Bastard file 12"	4
91	Round Bastard file 12"*1/2"	2
92	Triangular file 6"	8
93	filler gauge	2


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Welding Shop

Name of Lab: welding		
S No	Name of the Item	Quantity
1	GAS WELDING SET	2
2	WELDING SET	2
3	MIG	1
4	TIG	1
5	SPOT WELDING	1
6	GAS CYLINDER	6
7	Acetylene generators	1
8	Oxygen cylinder	1
9	Acetylene cylinder	1
10	Welding screen	8
11	Welding goggles	15
12	Wire brush	5
13	Hammer chipping	4
14	Hand gloves	20

15	Electrode holder	5
16	Spark lighter	2
17	regulator	1
18	Blow pipe	2
19	clamp	5
20	Rubber pipe	15m
21	Lead heavy duty	15m
22	Sieve	1
23	Wire brush	2
24	Regulator	1
25	Gas welding stand	1
26	Electric arc welding stand	1
27	File 12"(Flat Rough)	10
28	File 12"(Smooth)	10
29	Hack Saw Frames	8
30	Handle s(Hacks saw)	16
31	Bench vice	2
32	Riveting hammer	7
33	Electric welding machine	2
34	Fitting bench vice	15


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Electrical Shop

Name of Lab: electrical		
S No	Name of Article	QTY.
1	Switch one way	50
2	Switch two way	30
3	Tumbler switch	5
4	Two pin socket	30
5	Three pin socket	30
6	Ceiling rose	30
7	Batten holder	20
8	Electric drill machine	1
9	Test pen	15

10	Solder iron	15
11	Volt meter	2
12	Ammeter	2
13	Multi meter	2
14	Regulator orient	1
15	screw driver	5
16	plier side cutting	10
17	plier long nose	5
18	plier side cutting snipper	2
19	combination plier	5
20	round long nose plier	5

Name of Lab: sheet metal		
S No	Name of Article	QTY.
1	Hand Press	1
2	Sheet metal gauge	2
3	Steel square	2
4	scriber	10
5	trammel	1
6	snip	10
7	chisel	8
8	Dot punch	15

9	Centre punch	15
10	Ball peen hammer	6
11	Riveting hammer	7
12	Light duty anvil	2
13	Mallet round type	8
14	Snip 12"	1
15	Snip 14"	2
16	steel tape	3
17	folding rule	5

11

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Smithy Shop

Name of Lab: SMITHY LAB		
S No	Name of Article	QTY.
1	OPEN HEARTH FURNACE	1
2	SIMPLE SMALL FURNACE	1
3	ANVIL	1
4	SWAGE BLOCK	1
5	Round hollow tong	8
6	Closed mouth tong	8
7	Square hollow tong	2
8	Flat tong	2
9	Pincer tong	3
10	Ball peen hammer 200 gm	4
11	Sledge hammer 5 kg	3
12	Cross peen hammer 200 gm	2
13	Swages top and bottom	8
14	fullers	2
15	flatters	8
16	Drift	6
17	Cold chisel	6
18	Hot chisel	6
19	Bench vice 5"	2
20	blower	3

21	Set hammer	6
22	shearing tool	2
23	anvil	4
24	Hot chisel	10
25	Cold chisel	10
26	Blower	4
27	drift	4
28	pocker	8
29	Sledge hammer 4kg	10
30	Smithy hand hammer 1kg	10
31	Smithy hammer 2kg	10
32	Swage block	1
33	tong	20
34	Tong large	2
35	Blower	1
36	hearth furnace hood	1
37	ash tray	1
38	cutting machine 14 "	1
39	open hearth furnace	1
40	tongs round	2
41	tog square	6
42	hammer drill machine	1


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Machine Shop

Name of Lab: MACHINE SHOP		
S No	Name of Article	QTY.
1	LATHE MACHINE	5
2	SHAPER	2
3	RADIAL DRILL MACHINE	1
4	MILLING MACHINE	3
5	C .L GRINDER	1
6	SURFACE GRINDER	1
7	Calliper inside	2
8	Calliper outside	5
9	Micrometer 0-25	2
10	Vernier calliper	1
11	Turning tools	8
12	Parting tools	8
13	Threading tools	8
14	Knurling tools	8
15	v-block	2
16	c-clamp	1
17	Centre dead	8
18	Centre live	2
19	Tool holders bit size 3/8	7
20	Surface gauge	2
21	Knurling tool holder ring	2

22	Parting tool holder	2
23	Screw driver kit	1
24	Parting tool bit	2
25	Machine Vice 4"	2
26	L KEYS	1
27	Double end grinder	1
28	Lathe 4.5 '	2
29	lathe 4.5 '	2
30	lathe 6'	1
31	shaping machine 12"	1
32	radial machine	1
33	universal milling machine	1
34	vertical milling machine	1
35	tool and cutter grinding	1
36	vertical milling machine	1
37	shaping machine 24 "	1
38	motor replacement	16
39	adjustable spanner 12"	1
40	double end spanner set	9 pc
41	surface gauge	5
42	dill machine 1/2"	1
43	digital vernier caliper 6"	1
44	crosspein hammer	5
45	steel rule 12"	7

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13

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College Building Photographs





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Engineering Physics Lab



Engineering Chemistry Lab





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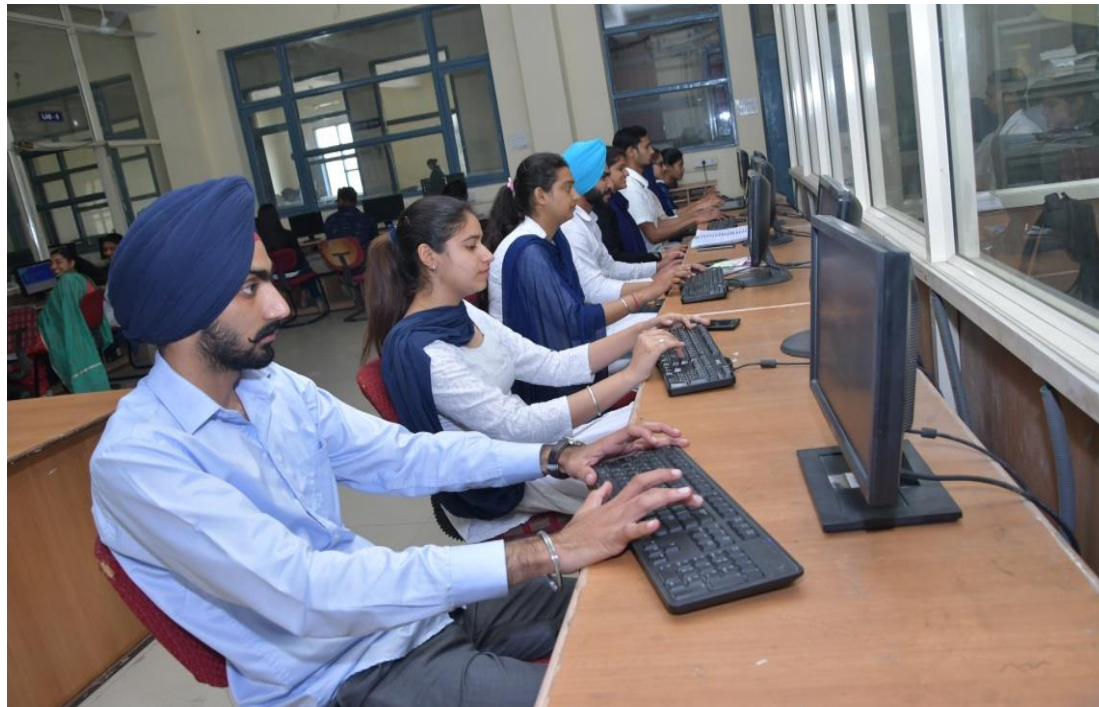
Computer Science & Engineering Labs





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Civil Engineering Labs





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Mechanical Engineering Labs





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Electronics & Communication Engineering Labs





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NSS Wing





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Yoga Hall





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Girls & boys Comman room





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Conference Hall

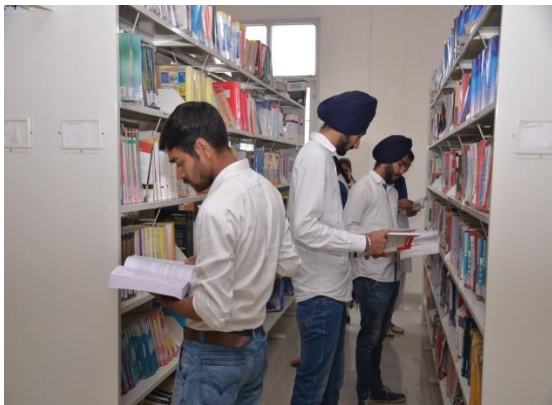




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Library





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Multipurpose Hall





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Seminar Hall





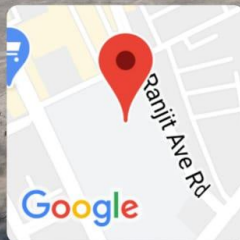
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Sports Facilities (Volleyball Ground)



Basketball Ground



Amritsar, Punjab, India

Ranjit Ave Rd, C Block, Ranjit Avenue, Amritsar, Punjab 143001,
India

Lat N 31° 39' 17.2836"

Long E 74° 51' 54.4896"

27/11/20 10:20 AM



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Football Ground



Cricket Ground





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Lawn Tennis Ground





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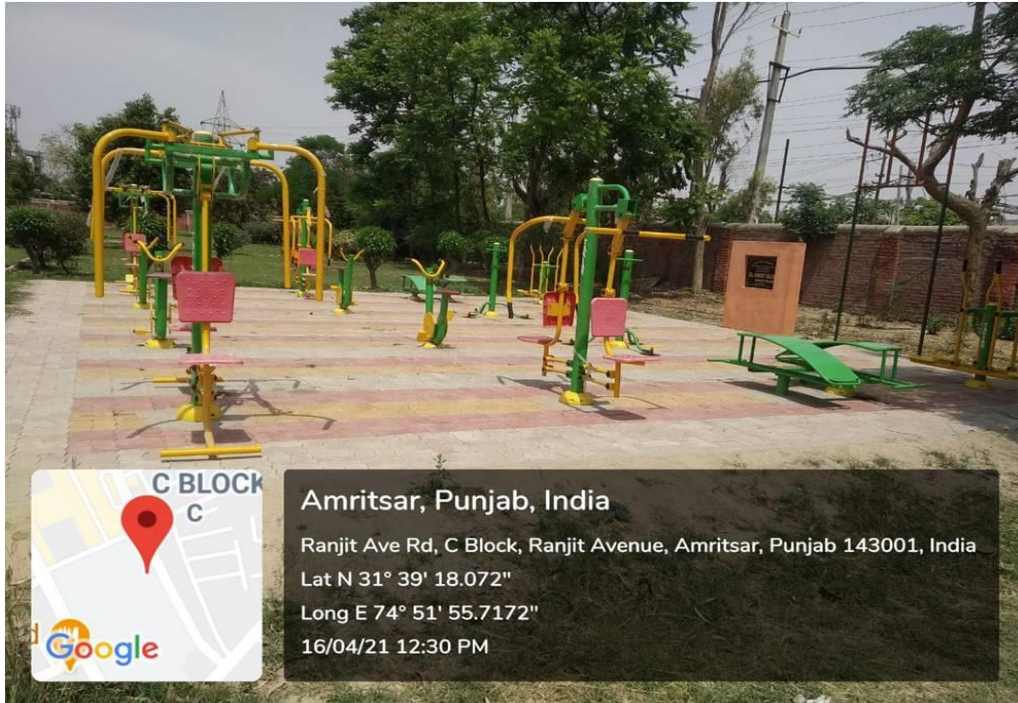
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Open Gymnasium





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Sports Activities





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Cultural Activities

