

**Head of Department**

**: Dr V K Jain, Professor**

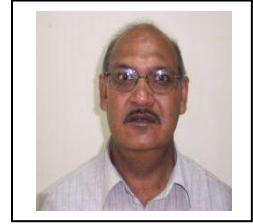
**Department of Electrical & Instrumentation Engineering**

**SLIET, Longowal-148 106, Distt- Sangrur (Punjab)**

**Phone: 01672-253 119**

## FACULTY-PROFILE

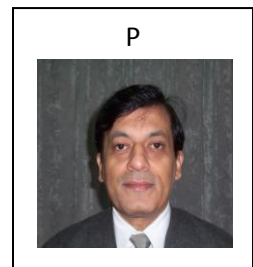
Name : Dr. V.K. Jain  
Date of Birth : 27.09.1955  
Highest Qualifications : Ph.D.  
Date of Joining : 16.02.2000  
Designation : Professor



Name : Dr. Jaspreet Singh dhillon  
Date of Birth : May 11, 19962  
Highest Qualifications : Ph.D.  
Academic Performance : First Class Through out  
Date of Joining : August 07, 2002  
Designation : Professor



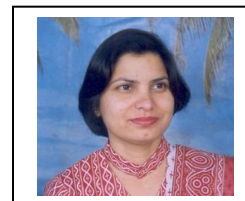
Name : Sanjay Marwaha  
Date of Birth : 19<sup>th</sup> April 1966  
Highest Qualifications : PhD  
Date of Joining : 11<sup>th</sup> Dec. 2002  
Designation : Professor



Name :Dr. AJAT SHATRU ARORA  
Date of Birth : 27-4-1969  
Highest Qualifications :Ph.D.  
Date of Joining : 5th Feb., 1993  
Professor :Professor



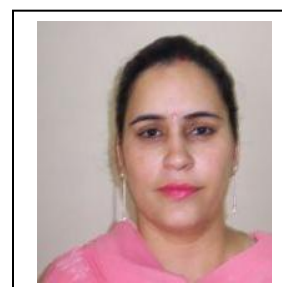
Name : Pratibha Tyagi  
Date of Birth : 01.07.1966  
Highest Qualifications : M.Tech.  
Date of Joining : 10.02.1993  
Designation : Associate Professor



Name : Manpreet Kaur  
Date of Birth : 20.10.1972  
Highest Qualifications : M.Tech.  
Date of Joining : 13.06.1995  
Designation : Associate Professor



Name : Surita Maini  
Date of Birth : 12 July 1972  
Highest Qualifications : M.E .  
Date of Joining : 8<sup>th</sup> June 1995  
Designation : Associate Professor



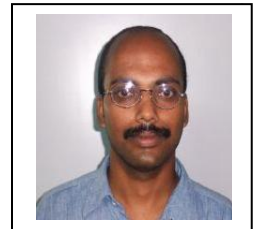
Name : Mrs. Rajinder Kaur  
Date of Birth : 28.09.1972  
Highest Qualifications : M. E.  
Date of Joining : 08.07.1996  
Designation : Associate Professor



Name : DILJINDER SINGH  
Date of Birth : March 20, 1967  
Highest Qualifications : Master of Engineering  
Date of Joining : 9/12/1996  
Designation : Associate Professor  
Date of Joining : 17<sup>th</sup> Dec., 1996  
Designation : Associate Professor



Name : Ashwani Kumar Aggarwal  
Birth : 15-09-1975  
Highest Qualifications : Master of Technology  
Date of Joining : 12-12-1996  
Designation : Associate Professor



Name : Anshuka Bansal  
Date of Birth : 19<sup>th</sup> April, 1971  
Highest Qualifications : M.Tech (Power Systems)



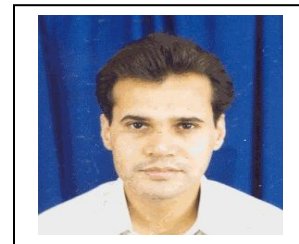
Name : Manpreet Singh Manna  
Date of Birth : 14<sup>th</sup> March, 1971  
Highest Qualifications : M.E. (Power & Machines)  
Date of Joining : 16<sup>th</sup> Sept., 1997  
Designation : Associate Professor



Name : Charanjiv Gupta  
Date of Birth : 01.12.1973  
Highest Qualifications : M.E.  
Date of Joining : 01.12.1996  
Designation : Associate Professor



Name : ASIM ALI KHAN  
Date of Birth : 03/11/1972  
Highest Qualifications : M.E  
Date of Joining : 08/10/97  
Designation : Associate Professor



Name : Gurmeet Singh  
Date of Birth : 06/07/1966  
Highest Qualifications : M.E.  
Date of Joining : 10/10/1997  
Designation : Assistant Professor



Name : Manmohan Singh  
Date of Birth : 23<sup>rd</sup> September 1970  
Highest Qualifications : M. Tech.  
Date of Joining : 21<sup>st</sup> May 1999  
Designation : Assistant Professor



Name :Jaspal Singh Aujla  
Date of Birth :27<sup>th</sup> June 1966  
Highest Qualifications :M.Tech. M.B.A.  
Date of Joining :24-12-1999  
Designation :Assistant Professor



Name : RAJ KUMAR GARG  
Date of Birth : 17/09/1973  
Highest Qualifications : M.TECH  
Date of Joining : 06/01/2000  
Designation : Assistant Professor



Name : Amanpreet Singh  
Date of Birth : 17.07.1970  
Highest Qualifications : Ph.D.  
Date of Joining : 30.12.1999  
Designation : Assistant Professor



Name : Sanjeev Singh  
Date of Birth : 10.01.1972  
Highest Qualifications : M.Tech.  
Date of Joining : 06.01.2000  
Designation : Assistant Professor



#### NON TEACHING STAFF PROFILE

Saptendra S. Rathore

Senior Technician

[saptendra@yahoo.com](mailto:saptendra@yahoo.com)

+91-1672-253388(O)

+09417287752(Mob)

#### **Educational Qualifications**

Diploma in Instrumentation & Control Engg

Graduate(Arts)

#### **Experiences**

As JE Trainees in UPSEB, Allahabad for 1 Yr

As Technician in SLIET Longowal for 7 Yrs.

As Sr. Technician in SLIET Longowal for 9 Yrs

Sukhminder Singh

Technician

[bhullarsliet@yahoo.com](mailto:bhullarsliet@yahoo.com)

+91-1672-253390(O)

+91-9417666300(Mob)

**Educational Qualifications**

Diploma in Electronics & Telecommunication Engg

**Experiences**

As Asst. Engineer in M/s OSWAL AGRO FURAN LIMITED for 2 yrs. and 2 months

As Technician in SLIET for 16 years

Vipan Kumar

Technician

[vipan\\_arya@yahoo.com](mailto:vipan_arya@yahoo.com)

+01672-264965(O)

+9815590122(Mob)

**Educational Qualifications**

Diploma in Electrical Engineering

**Experiences**

As Technician in SLIET Longowal for 15 Yrs

## Rakesh Kumar Goyal

Technician

[rkgsliet@yahoo.com](mailto:rkgsliet@yahoo.com)

+01672253387(O)

+9417758530(Mob)

### **Educational Qualifications**

Diploma in Electrical Engineering

AMIE(Electrical)

### **Experiences**

As Astt. Engineer (Electrical) in M/s Arihant Cotsyn Ltd. for 3 Yrs. and 6 months

As Technician in SLIET for 16 Yrs.

## Amarjit Singh Jangla

Technician

[amar\\_sliet@yahoo.com](mailto:amar_sliet@yahoo.com)

+91-1672-253389(O)

+91-9417352056(Mob)

### **Educational Qualifications**

Diploma in Electronics & Telecommunication Engineering.

### **Experiences**

As Astt. Engineer (Instrumentation) in M/S Indian Acrylics Limited for 3 Yrs and 10 Months

As Technician in SLIET, Longowal since 1997.

Jasvir Singh

Technician

[jasvirsliet@yahoo.co.uk](mailto:jasvirsliet@yahoo.co.uk)

+91-1672-305385(O)

+9878000242(Mob)

**Educational Qualifications**

Diploma in Electrical Engg

**Experiences**

As Technician in SLIET Longowal for 9 Yrs

Navdeep Kumar

Technician

[navsliet@yahoo.com](mailto:navsliet@yahoo.com)

+01672-253385(O)

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**Educational Qualifications**

Diploma in Electrical Engg

Graduate(Arts),M.Sc(IT)

**Experiences**

As Technician in SLIET Longowal for 10 Yrs

Hind Bhushan

Clerk

[hindsliet@yahoo.com](mailto:hindsliet@yahoo.com)

+91-1672-253120(O)

+91-9478208156(Mob)

### **Educational Qualifications**

Certificate in Servicing & Maintenance of Electronics Equipments from SLIET in 1996

Graduate(Arts) from HP, University, Shimla in 2001

### **Experiences**

As Clerk in SLIET since August 6, 1996

As Trainee in RCC, Chandigarh for 6 Months.

Harinder Kaur

LA

+91-1672-253388(O)

+09256426777(Mob)

Ranjeet Singh-2

Helper

+91-1672-253120(O)

098158 11911 (Mob)

## 9.0 DEPARTMENTAL LABORATORY DETAILS:

### (a) Laboratories:

S.No	Name of Lab	Available Area size	Maximum batch Engagement	Weekly hours of required as per Curricula	No. of experiments		Recurring expenditure (allotted per year)(Rs.)
					Prescribed	Conducted	
1.	Basic Electronics/ Power Electronics Lab	1500	40	10	12	12	25,000/-
2.	Electrical Machine Lab	1500	40	06	08	08	5000/-
3.	Electrical W/S, Basic Electrical Lab	1500	40	08	--	--	20,000/-
			40	08	10	10	
4.	Pneumatics & Hydraulics Lab/ Microprocessor Lab	1500	40	06	12	12	2500/-
			40	04	08	08	
5.	Transducer / Control Lab	1500	40	10	12	12	2500/-
			40	04	08	08	
6.	Analytical/ Biomedical Lab	1500	40	04	08	08	5000/-
			40	02	08	08	
7.	Measurement & Instrument Lab	1500	40	16	12	15	5000/-
8.	Digital electronics/ Data Acquisition/ Inst. Workshop	1500	40	02	08	08	20,000/-
			40	02	06	05	
			40	12	--	--	

**(b) Major Equipment in the laboratories (Costing >=Rs. 50,000/- )**

S.No	Equipment		Purchase		Date of installation	Present condition	
	Name	Make	Date	Cost		Working	Non-working
1.	Ultrasonic Flaw Detector		29.06.99	Rs. 1.61 Lacs	02.08.99	OK	
2.	Gas Chromatograph	AIMIL	07.06.99	Rs. 2.83 Lacs	07.07.99	OK	
3.	Hydraulic Trainer Kit	Degem, Isreal	20.11.97	Rs. 4.95 Lacs	27.03.98	OK	
4.	Transducer Trainer Kit	LJ	30.07.99	Rs. 1.79 Lacs	10.11.99	OK	
5.	Bio-Medical Trainer	Degem, Isreal	20.11.97	Rs. 2.65 Lacs	27.03.98	-	Not working
6.	Poly-write	RMS	31.10.94	Rs. 1.31 Lacs	15.12.94	OK	
7.	Process Control Simulator	Tri-angle	28.01.99	Rs. 1.90 Lacs	24.03.99	OK	
8.	Micro-computing Sensing Control Equipment	Tinity	21.02.99	Rs. 1.63 Lacs	25.03.99	OK	
9.	Oscillo-graphic Recorder		05.01.94	Rs. 3.17 Lacs	22.03.94	-	Not Working
10.	Atomic Absorption Meter	ECIR	31.11.99	Rs. 2.69 Lacs	16.03.2K	OK	
11.	LCR Meter	HP	20.08.99	Rs. 6.95 Lacs	20.03.2K	OK	
12.	Data Acquisition System Cards.	Keithley	16.09.99	US\$10413	21.09.2K1	OK	
13.	Microprocessor Based Transducers and Control Equipment			Rs. 1.30 Lacs		OK	
14.	Spectrum Analyzer	Scientific Model	03.07.98	Rs. 0.68 Lacs	26.08.98	OK	
15.	Computerized student polygraph	Medicate, Chd.	07.06.05	Rs.3.89 lacs	16.09.05	OK	
16.	4 channel EMG machine	Medicate, Chd.	13.03.2K3	Rs.3.39 lacs	31.03.2K3	OK	
17.	Bio-pac Bio-medical acquisition system	Bio-Pac USA	20.03.06	Rs.3.70 lacs	31.03.06	OK	
18.	Pressure Calibration Bench	Nagman, Chennai	08.11.2K1	Rs.4.51 Lacs	21.01.2K2	OK	
19.	Moisture Analyzer	Sartorius	29.04.94	Rs.1.20 lacs	06.05.94	-	Not Working
20.	Process Control Trainer	Indl. Engr.	21.03.94	Rs.1.58 Lacs	30.11.94	OK	
21.	Process Demonstration Bench			Rs.2.77 Lacs		OK	
22.	Process Control Simulator Trainer	Tri-Angle Simulation	28.01.99	Rs.1.90 Lacs	March, 99	OK	
23.	Relay Demonstration Panel	Hanson Fabriks	14.01.94	Rs.0.92 Lacs	20.03.94	OK	
24.	Rectifier (Solidstate)	Associated Scientific	1911.94	Rs.0.52 Lacs	22.02.95	OK	

		Corporation.					
25.	Transducer & Instr. Trainer	LJ	30.07.99	GBP4906.20	11.09.99	OK	
26.	LSM Controller Trainer Package	Cyber Motion	09.01.02	Rs.3.67 Lacs	05.02.2K2	OK	
27.	TMT Computerized Test System	RMS	31.12.2k	Rs.3.40 lacs	01.03.2K1	OK	
28.	Digital Storage Oscilloscope	Tektronic	26.02.03	Rs.0.95 lacs	07.03.2K3	OK	
29.	Distributed Control System	VPL	22.03.03	Rs.1.37 lacs	20.06.2K3	OK	
30.	Evaluation Module TMS320C54x	Trinity	11.06.03	Rs.3.23 lacs	17.08.03	OK	
31.	Matlab Simulink	Matlab	24.07.03	Rs.4.000 lacs	16.09.2K3	OK	
32.	EEG System 32 channel	Medicade	02.09.04	Rs.2.05 lacs	02.11.04	OK	
33.	Think Pad	IBM	12.12.03	Rs.1.06 lacs	22.01.04	OK	
34.	Temperature Calibration	Nagman	12.04.04	Rs.5.32 lacs	13.01.05	OK	
35.	Think Pad (02 Nos.)	IBM	31.03.05	Rs.1.68 lacs	06.06.05	OK	
36.	IMB Think Center (2 Nos.)	IBM	31.03.05	Rs.1.64 lacs	28.06.05	OK	
37.	Color Lazer Printer (Hp3500)	HP	29.07.05	Rs.0.58 lacs	04.08.05	OK	
38.	DSP Image Processing Kit	Techniques	08.08.05	Rs.1.95 lacs	16.08.05	OK	
39.	DSO	Scientific	03.10.05	Rs.0.56 lacs	11.01.06	OK	
40.	NIELVIS	NI	30.08.05	US\$2045	11.06.06	OK	
41.	HP Compact PC	HP	19.01.06	Rs.0.70 lacs	29.3.06	OK	
42.	Programable Logical Trainer system	Dynalog	28.02.06	Rs.2.50 lacs	23.03.06	OK	
43.	Multichannel EMG amplifier	Medicate	04.03.06	Rs.0.92 lacs	23.03.06	OK	
44.	MATLAB 7	MATLAB	23.02.06	Rs.4.00 lacs	24.03.06	OK	
45.	Cascade Control Trainer	NEESHIONICS	25.03.06	Rs.1.56 lacs	31.03.06	OK	
46.	Heat Exchanger Trainer			Rs.1.39 lacs		OK	
47.	Control Valve Characteristic Trainer			Rs.0.79 lacs		OK	
48.	Think Pad	IBM	28.03.05	Rs.0.85 lacs	28.06.05	OK	
49.	Arbitrary Waveform Generator	Tabor	17.03.06	Rs.0.82 lacs	31.03.06	OK	
50.	Data Acquisition Module	Kaithley	27.03.06	US\$4292	09.05.06	OK	
51.	PLC Trainer	Vinitics	29.03.99	Rs.0.86 lacs	31.03.99	OK	
52.	Multimedia Projector	Sanyo	20.11.2K2	Rs.1.68 lacs	04.12.2K2	-	Not working
53.	DSP Evaluation Module	Trinity	11.06.2K3	Rs.3.23 lacs	16.09.2K3	OK	

54.	DAISY Lab	NI	29.03.06	Rs.1.96 lacs	12.12.06	OK	
55.	FEMLAB	FEMLAB	12.01.06	Rs.1.30 lacs	15.02.06	OK	

### **BOARD OF STUDIES**

Dr. A Swarup, Professor (EE), NIT, Kurukshetra

Dr. Y S Brar, Professor (EE) GNDEC, Ludhiana

Dr. V.K Jain, Professor (EIE)

Dr. J.S.Dhillon, Professor (EIE)

Dr. Sanjay Marwaha, Professor (EIE)

Ms. Pratibha Tyagi, Associate Professor (EIE)

Ms. Surita Maini, Associate Professor (EIE)

Mr. Charanjiv Gupta, Assistant Professor (EIE)

**Departmental Committees w.e.f. 21/02/2011**

<p><b>1. Departmental Affairs Committee</b>                  Dr V K Jain                  Dr J S Dhillon                  Dr S Marwaha                  Dr A S Arora                  Mr. Manpreet Singh, Convener</p>	<p><b>2. Accreditation Committee</b>                  Dr J S Dhillon, Coordinator                  Mr Diljinder Singh                  Mr J S Aujla                  Ms Rajinder Kaur                  Mr Manmohan Singh                  Mr S S Rathore                  Mr Rakesh Goel</p>
<p><b>3. Curriculum Revision Committee</b>                  Dr Sanjay Marwaha, Convener                  Mrs Manpreet Kaur                  Mrs Surita Maini                  Ms Anshuka Bansal                  Mr Charanjiv Gupta</p>	<p><b>4. Departmental Purchase Committee</b>                  Mr Sanjeev Singh, Convener                  Mr Manmohan Singh                  Mr Gurmeet Singh                  Mr J S Aujla                  Mr Charanjiv Gupta                  Mr Amarjit Singh                  Mr Navdeep Kumar</p>
<p><b>5. Time Table Committee</b>                  Mrs Manpreet Singh, Convener                  Mr J S Aujla                  Mr Sanjeev Singh                  Mr Sukhminder Singh                  Mr Rakesh Goel</p>	<p><b>6. Departmental Library Committee</b>                  Mrs Surita Maini, Convener                  Mr Charanjiv Gupta                  Mr Manpreet Singh                  Mr Asim Ali Khan                  Mr Amarjit Singh</p>
<p><b>7. Society of Instru. Technocrats</b>                  Mrs Surita Maini, Convener                  Mr Manpreet Singh                  Mr Charanjiv Gupta                  Mr Manmohan Singh                  Mr Sukhminder Singh</p>	<p><b>8. Annual Report &amp; Profile</b>                  Mr Asim Ali Khan, Convener                  Mr J S Aujla                  Ms Anshuka Bansal                  Mr Manmohan Singh</p>
<p><b>9. Departmental Upkeep Committee</b>                  Mr Diljinder Singh, Convener                  Mr J S Aujla                  Mr Gurmeet Singh                  Mr Jasvir Singh                  Mr Navdeep Kumar</p>	<p><b>10. Academic Affairs Committee</b>                  PG : Mr A A Khan                  Degree : Manmohan Singh                  Diploma : Mrs Surita Maini                  Certificate : Mr Manpreet Singh</p>
<p><b>11. Thesis/ Project Coordinators</b>                  PG : Dr A S Arora                  Degree : Mr Manpreet Kaur                  Diploma : Mrs Surita Maini                  Certificate : Mr Manpreet Singh</p>	<p><b>12. Training Incharge</b>                  Degree : Mrs Surita Maini                  Diploma : Mrs Rajinder Kaur                  Certificate : Mr Manpreet Singh</p>
<p><b>13. Alumni Incharge</b>                  Mrs Pratibha Tyagi, Convener                  Mrs Surita Maini                  Mr J S Aujla                  Ms Anshuka Bansal                  Mr Asim Ali Khan</p>	<p><b>14. Class Monitoring &amp; Load Mgt.</b>                  Mrs Pratibha Tyagi, Convener                  Mrs Surita Maini                  Mrs Manpreet Kaur                  Mr Manmohan Singh</p>
<p><b>15. R &amp; D Monitoring &amp; DRC</b>                  Dr V K Jain, Convener                  Dr J S Dhillon                  Dr S Marwaha                  Dr A S Arora                  Dr Amanpreet Singh</p>	<p><b>16. RTI Affairs Committee</b>                  HOD (EIE), Convener                  Mr J S Aujla                  Mr Rakesh Goel</p>