

PERFORMA FOR MANDATORY DISCLOSURE OF INFORMATION ABOUT ACCREDITED PROGRAMMES BY INSTITUTIONS TO BE INCLUDED IN THEIR RESPECTIVE INFORMATION BROCHURE, DISPLAYED ON THEIR WEBSITE AND TO BE SUBMITTED TO NBA EVERY YEAR WELL BEFORE THE ADMISSION PROCESS

The following information is to be published in the Information Brochure besides being hosted on the Institution's official Website as fixed content.

Name of the Programme : Degree in Instrumentation Engineering

Approved Intake : 40

Fees Charged (per annum) in Rs. : Rs.39850/-

Pass percentage during the last 5 years : 95%

Teacher Student Ratio : 1: 10 (For graduate course)

No. of faculty members : 20

Cadre	Number
Professor	: 3
Asstt. Professor	: 4
Lecturers	: 13

Faculty Profile	Qualification	No. of Faculty
	Ph.D.	: 04
	Post Graduate	: 15
	Graduate	: 01

Experience of Faculty	Number of Faculty with
	Less than 5 years : 00
	5 to 10 years : 05
	More than 10 years : 15

Details of Individual Faculty Members : **Annexure I**
Name, Photograph, Date of Birth,
Qualification, Professional Experience,
Research Interests

Industrial Consultancy, Research and Development (during the past 5 years):**Amount of Industrial Consultancy earned (in lakhs of Ruppes) : Nil****No. of sponsored research projects completed : 9**

S N	PI	Title	Amount	Agency/ Scheme
1.	Mr A P Singh, AP	Advancement of Pneumatic and Hydraulic Lab for teaching and research in the field of pressure Metrology	Rs.5.00 Lacs	MHRD / MODROB
2.	Mr S K Soni, Lecturer	Modernization of Biomedical Instrumentation lab for Teaching and Research	Rs.5.50 Lacs	MHRD / MODROB
3.	Mr A P Singh, AP	Advancement of existing calibration facilities in the Pneumatic and Hydraulic Lab to establish an Instrumentation Calibration Center	Rs.6.00 Lacs	MHRD / MODROB
4.	Mr Manmohan Singh, Lecturer	Modernization of Control Engineering Lab for Teaching and Research	Rs.8.00 Lacs	MHRD/ MODROB
5.	Mr Sanjeev Singh, Lecturer	Modernization of Power Electronics Lab for Teaching and Research	Rs.5.00 Lacs	MHRD / MODROB
6.	Mr Amanpreet Singh, Lecturer	Modernization of Digital Signal Processing Lab for Teaching and Research	Rs.12.00 Lacs	MHRD / MODROB
7.	Dr A S Arora, 2003-04	Development of EMG Based Multifunction Prosthetic Hand	Rs.9.00 Lacs	MHRD/ TAT
8.	Asim Ali Khan, 2003-04	Modernization of Existing Instrument Project Lab Teaching & Research	Rs.10.00 Lacs	MHRD/ MODROB9
9.	S K Soni, 2003-04	Up gradation of Existing Biomedical Instrumentation Laboratory for Teaching & Research	Rs.10.00 Lacs	MHRD/ MODROB

No. of sponsored research projects in progress : 10

S N	PI	Title	Amount	Agency/ Scheme
1.	A K Aggarwal, 2003-04	Instrumentation & Design of a Frequency Domain/ Diffuse Optical Tomography Imager for Breast Cancer Detection	Rs. 07 Lacs	MHRD/ R& D
2.	Dr A S Aroara, 2003-04	Development of Expert System for Identification of Neuromuscular Disorders using EMG Signals	Rs. 10 Lacs	MHRD/ R& D
3.	Parveen K Garg, 2003-04	Up gradation of Existing Process Control Lab for Teaching & Research	Rs. 10 Lacs	MHRD/ MODROB

No. of patents produced : Nil**No. of papers published in International Journals : 15****No. of papers published in National Journals : 04****No. of papers presented in International Conferences/ Seminars : 15****No. of papers presented in National Conferences/ Seminars : 50****No. of International Conferences conducted : Nil**

No. of National Conferences conducted : **05**
No. of Training Programmes/ Short Term Courses conducted : **03**

Placement Record for the previous year

No. of companies who visited the Campus : **02**
Names and Details of companies who visited the campus along with No. of students placed : **M/s. Wipro : 03 students**
M/s. Mahavir : 03 students
Spinning Mills
No. of students placed through campus recruitment : **06**
Maximum salary drawn (in Rs.) : **Rs.13,000/-**
Average salary drawn (in Rs.) : **Rs.12,000/-**

Budget Allocation for the Programme (in Rs.)

Recurring : **3.66 lacs**
Non-Recurring : **12.40 lacs**

New initiatives and future vision, if any : **Proposed Degree Programme in Electrical Engg.**

Note: Suppression and/ or misrepresentation of information would attract appropriate penal action.

Annexure I

Name, Photograph, Date of Birth, Qualification, Professional Experience, Research Interests of Faculty

Dr. V.K. Jain



Date of birth : 27.09.1955

Designation : Professor

Qualification :

University	Degree	Year	Field of Specialization
Kurukshetra University	B.Sc. (Engg.)	1977	Electrical Engg.
Kurukshetra University	M.Sc. (Engg.)	1979	Elec. Engg. (Control System)
Kurukshetra University	Ph.D.	1995	Reliability Engg.

Professional Experience (starting from present position)

University/ College	Designation	Period
Haryana Polytechnic, Nilokheri	Lecturer	03.08.1979-26.03.1981
R.E.C., Kurukshetra	Lecturer	27.03.1981-29.12.1988
R.E.C., Hamirpur	Asst. Prof.	30.12.1988-15.02.2000
SLIET, Longowal	Professor	16.02.2000- Till Date

Publications:

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
5	50	--	--

Research Interest- Reliability, Control System

Dr. J S Dhillon



Date of birth : 11.05.1962

Designation : Professor

Qualification

University	Degree	Year	Field of Specialization
PU, Chandigarh	B.Sc. (Electrical)	1983	Electrical Engg
PAU, Ludhiana	M Tech	1987	Systems Control
TIET, Patiala	Ph.D.	1996	Power System Operation .

Professional Experience (starting from present position)

University/ College	Designation	Period
GNDU, Amritsar	Lecturer	Sept.1986- May1987
TIET, Patiala	Lecturer	June 1987- Dec.1992
GZSCET, Bathinda	Asst. Prof.	Dec. 1992- Aug.2002
SLIET, Longowal	Professor	Aug..2002- Till Date

Publications:

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
27	55		02

Research Interest- Power System, Optimization

Dr. Sanjay Marwaha



Date of birth : 19.04.1966

Designation : Professor

Qualification

University	Degree	Year	Field of Specialization
Gorakhpur University	B.E.	1988	Electrical Engg
PU, Chandigarh	M.E.	1990	Power Systems
GNDU, Amritsar	Ph.D.	2000	Power Systems & Electromagnetic Design

Professional Experience (starting from present position)

University/ College	Designation	Period
REC, Kurukshetra	Lecturer	August 1989-June 1995
GZSCET, Bathinda	Asst. Prof.	June 1995-Sept. 1996
BCET, Gurdaspur	Asst. Prof.	Sept. 1996-Dec. 2002
SLIET, Longowal	Professor	Dec. 2002- Till Date

Consultancy and Sponsored Research activities:

Year	Organization	Project Title	Amount received
2001-02	BCET, Gurdaspur	Modernization of Communication Lab	Rs. 6.00 Lac

Publications:

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
10	60	--	02

Research Interest- Power System

Ajat Shatru Arora



Date of birth : 27.04.1969
Designation : Assistant professor

Qualification

University	Degree	Year	Field of Specialization
UOR, Roorkee	B E	1990	Electrical
UOR, Roorkee	M E	1992	Power Apparatus & Electrical Drives
IIT, Roorkee	Ph.D.	2002	Biomedical Instrumentation

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Assistant Professor	March 1999 to till date
SLIET, Longowal	Lecturer	Feb 1993 – March 1999

Consultancy and Sponsored Research activities :

Year	Organization	Project Title	Amount received
2003-04	MHRD	Development of Expert system for identification of Neuromuscular disorders using EMG signals	10 lac
2003-04	MHRD	Development of EMG based multifunction prosthetic hand	9 lac

Publications

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
6+2 (Accepted)	18	nil	

Research Interest- Biomedical Engineering, Microprocessor based systems

Pratibha Tyagi



Date of birth : 01.07.1966
Designation : Assistant Professor

Qualification

University	Degree	Year	Field of Specialization
REC, Kurukshetra	M.Tech.	1990	Instrumentation

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Assist. Professor	5.3.99 to till date
SLIET, Longowal	Lecturer	10.2.93 to 4.3.99

Other related experience- research, industrial etc.

Organization/ Employer	Designation	Period
REC, Kurukshetra	RIF	01 year
IIP, Dehradun	RIF	10 months

Publications:

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
	5		

Research Interest- Control System, Analytical Instrumentation

Manpreet Kaur



Date of birth : 20.10.1972

Designation : Asstt. Prof.

Qualification :

University	Degree	Year	Field of Specialization
GNDU, Amritsar	B Tech	1994	Instrumentation & Control
PU, Chadigarh	M Tech	2000	Instrumentation

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET	Lecturer	12 years
SLIET	Asstt. Prof.	1 year

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
-	15	-	

Research Interest- Biomedical Engineering

Surita Maini



Date of birth : 12.07.1972

Designation : Asstt. Prof.

Qualification :

University	Degree	Year	Field of Specialization
Marathwada University	B E	1994	Instrumentation
TIET, Patiala	M E	2001	Instt & Control

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET	Lecturer	12 years
SLIET	Asstt. Prof.	1 year

Publications:

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
	12		

Research Interest- Biomedical Engineering, Electro-magnetic, Hyperthermia

Rajinder Kaur



Date of birth : 28.09.1972

Designation : Sr. Lecturer

Qualification :

University	Degree	Year	Field of Specialization
REC, Kurukshetra	B.Tech	1994	Electrical Engg.
TIET, Patiala	M.E.	2002	Instrumentation & Control

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	Jan'96 to till date
Nalwa Polytechnic College, Panipat	Lecturer	Jan'95 to Dec'95

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
	02		

Research Interest- Power system

Diljinder Singh



Date of birth : 20.03.1967

Designation : Sr. Lecturer

Qualification

University	Degree	Year	Field of Specialization
Panjab University, Chd	B.E.	1991	Electrical
Panjab University, Chd	M.E.	2000	Electrical

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET	Lecturer	5 years
SLIET	Sr. Lecturer	8 years

Other related experience- research, industrial etc.

Organization/ Employer	Designation	Period
Power Control & Switchgear	Production Engg.	1994 to 1995
Star Electric Company	Design Engg.	1991 to 1993

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
	05		01

Research Interest- Power System, Machines

Anshuka Bansal



Date of birth : 19.04.1971

Designation : Lecturer

Qualification

University	Degree	Year	Field of Specialization
KU, Kurukshetra	B.Tech.	1993	Electrical Engg.
KU, Kurukshetra	M.Tech.	1999	Electrical (Result awaited)

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	1996 to till date

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
	09		

Research Interest- Power system

Ashwani Kumar Aggarwal



Date of birth : 15.09.1975

Designation : Sr. Lecturer

Qualification

University	Degree	Year	Field of Specialization
Punjabi University, Patiala	B.E	1996	Instrumentation
I.I.Sc., Banglore	M.Tech.	2002	Instrumentation

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	1996 to till date

Consultancy and Sponsored Research activities :

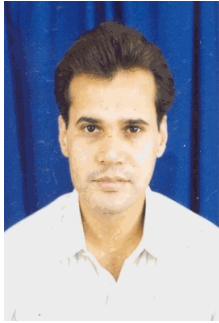
Year	Organization	Project Title	Amount received
2003-04	MHRD	Instrumentation and design of a frequency domain diffuse optical tomography imager for breast cancer;	07 lac

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
1	4		

Research Interest- Biomedical Engineering, Process Control

Asim Ali Khan



Date of birth : 3.11.72

Designation : Sr. Lecturer

Qualification

University	Degree	Year	Field of Specialization
Pbi Uni, Patiala	BE	1993	Electronics & Instrumentation
T.I.E.T., Patiala	ME	2003	Instrumentation & Control

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	Oct'97 to till date

Other related experience- research, industrial etc.

Organization/ Employer	Designation	Period
Indian Acrylics Ltd., Sangrur	Engineer	Dec'95 to April'97

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
06			

Research Interest- DSP, Image Processing, Fuzzy Logic

Jaspal Singh Aujla



Date of birth : 27.6.66

Designation : Lecturer

Qualification

University	Degree	Year	Field of Specialization
Pbi. Univ, Patiala	BE	1994	Electronics & Instrumentation
PTU, Jalandhar	ME	2005	Instrumentation & Control
Certified Energy Auditor		2007	Energy Audit & Management

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	24.12.99- to till date
VACL, Barnala	Dy. Manager	2.10.95 – 31.5.99
IAL, Sangrur	Engineer	27.7.94 – 1.10.95

Other related experience- research, industrial etc.

Organization/ Employer	Designation	Period
Indian Acrylics Ltd. Sangrur	Engineer	27.7.94 – 1.10.95
Varinder Agro Chemical Ltd., Barnala	Dy. Manager	2.10.95 – 31.5.99

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
	02		

Research Interest- Environmental Engineering

Raj Kumar Garg



Date of birth : 17.09.1973

Designation : Lecturer

Qualification

University	Degree	Year	Field of Specialization
Pbi. Uni. , Patiala	BE	1994	Electronics & Instrumentation
PTU, Jalandhar	ME	2005	Instrumentation & Control

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	7.1.2000 to till date

Other related experience- research, industrial etc.

Organization/ Employer	Designation	Period
Indian Acrylics Ltd. Sangrur	Asst. Manager	12.9.94 to 6.1.2000

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
01 (Communicated)		01	

Research Interest- Process control, Automation

Charanjiv Gupta



Date of birth : 01.12.1973

Designation : Sr. Lecturer

Qualification

University	Degree	Year	Field of Specialization
Pbi Univ., Patiala	B.E.	1995	Electrical

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	Dec'96 to till date

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
NA			

Research Interest- Power System

Manpreet Singh Manna



Date of birth : 14.03.1971

Designation : Sr. Lecturer

Qualification

University	Degree	Year	Field of Specialization
Mysore	BE	1993	Electrical & Electronics
TIET, Patiala	ME	1999	Power & Machines
SLIET, Longowal	Ph.D.	2007 (Registered)	Electromagnetic Field Analysis

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	1997 to till date

Other related experience- research, industrial etc.

Organization/ Employer	Designation	Period
Private College	Lecturer	1993 to 1997

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review	Books
	65		

Research Interest- Non conventional Energy Sources, Electromagnetic Field & Energy Management.

Gurmeet Singh Grewal



Date of birth : 6.7.66

Designation : Sr. Lecturer

Qualification

University	Degree	Year	Field of Specialization
Punjab University, Chd	BE	1993	Electrical Machines
PTU, Jalandhar	M. Tech.	2000	Electromagnetic

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	10.10.97 to till date

Publications

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
	01		

Research Interest- Power System

Manmohan Singh



Date of birth : 23.09.1970

Designation : Sr. Lecturer

Qualification

University	Degree	Year	Field of Specialization
UOR, Roorkee	M.E.	1996	Power, Apparatus & Electric Devices
Punjab University	B.E.	1993	Electrical Engg.

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	30.12.99 to till date

Other related experience- research, industrial etc.

Organization/ Employer	Designation	Period
Reliance Industries Ltd.	Asst. Manager	3 years

Publications:

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
	04		

Research Interest- DSP applications in Power System

Amanpreet Singh



Date of birth : 17.7.1970

Designation : Sr. Lecturer

Qualification

University	Degree	Year	Field of Specialization
Nagpur Univ.	BE	1992	Power Electronics
PAU, Ludhiana	M.Tech.	1999	Instrumentation

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	30.12.99 to till date

Other related experience- research, industrial etc.

Organization/ Employer	Designation	Period
Process Inst. Ajmer	Sr. Inst. Engineer	3.6.92- 31.7.98
Engg. Inst., Moga	AP	1.8.99 – 31.7.99
Engg. Inst., Malaut	Sr. Lecturer	11.8.99- 29.12.99

Publications :

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
01	05		

Research Interest- Power System

Sanjeev Singh



Date of birth : 10.01.72

Designation : Sr. Lecturer

Qualification

University	Degree	Year	Field of Specialization
APSU Rewa (MP)	BE	1993	Electrical Engg
DAVV Indore (MP)	M.Tech.	1996	Energy Management

Professional Experience (starting from present position)

University/ College	Designation	Period
SLIET, Longowal	Lecturer	6.1.2000 onwards

Other related experience- research, industrial etc.

Organization/ Employer	Designation	Period
1. North India Technical Consultancy Organization Ltd. Chandigarh	Sr. Project Officer	15.4.97 to 4.1.2000
2. United Electricals, Bhopal	Production Engineer	1.3.94 to 31.7.95

Publications:

Papers published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
8			

Research Interest- Energy Management