



**PEC University of Technology, Sector-12, Chandigarh**

**Memo No:**

**Dated:**

**CERTIFICATE**

This is to certify that all information provided in the Institutional Development Proposal of PEC University of Technology, Chandigarh, UT, is factually correct.

  
**Director**  
PEC University of Technology  
Chandigarh

  
**Ajay Poonawala**

PEC University of Technology, Chandigarh  
(A Deemed University under Section 3 of UGC Act, 1956)  
Formerly **Punjab Engineering College, Chandigarh**  
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# **Institutional Development Proposal**

**Under Sub-component 1.2**

**Scaling-up Post Graduate Education and Demand Driven  
R&D&I**

**(TEQIP-II)**

**2015**



**PEC UNIVERSITY OF TECHNOLOGY**

**(A Deemed to be University)**

**(Formerly Punjab Engineering College)**

**CHANDIGARH-160 012**

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME  
(TEQIP) (PHASE-II)**

**INSTITUTIONAL DEVELOPMENT PROPOSAL**

**for**

**Sub-Component 1.2: Scaling-up Postgraduate Education and  
Demand-Driven Research & Development and Innovation**

**Part – I**

**Institutional Basic Information**

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# 1 INSTITUTIONAL BASIC INFORMATION

## 1.1 Institutional Identity:

- Name of the Institution : PEC University of Technology  
Deemed University  
(Formerly Punjab Engineering College)
- Is the Institution AICTE approved? : MHRD, UGC Approved  
• Furnish AICTE approval no. : Deemed to be University  
**(Annexure – I & II)**
- Type of Institution : Govt. funded
- Status of Institution : Autonomous Institute as declared (Deemed to be University) under section 3 of UGC  
**(Annexure – I & II)**

## Names of Heads of Institution and Project Nodal Officers

Heads and Nodal Officers	Names	Phone Number s	Mobile Numbers	F ax Numb ers	E-mail Addresses
Head of the Institution (Full time appointee)	Dr Manoj K. Arora	2753051 2753700 2746074	9872577544	0172-2745175	director@pec.ac.in,
TEQIP Coordinator TEQIP Co-Coordinator	Sh. Sanjay Batish  Dr. Sanjeev Kumar  Dr. Poonam Saini	2753911  2753260  2753859	98761033706  9466326131  9417535469	---do---	sbatisch@pec.ac.in  sanjeev@pec.ac.in  poonamsaini@pec.in
<b>Project Nodal Officers for:</b>					
Academic Activities	Prof. Parveen Kalra	2753286	9815773242	---do---	parveenkalra@pec.ac.in
Civil Works including Environment	Prof. Roshan Lal  Prof. S.K. Suman	2753361  2753059	9888212539  6429273347	---do---	roshanlal@pec.ac.in
Procurement	Dr. Sanjeev Kumar	2753260	9466326131	---do---	sanjeev@pec.ac.in
Financial Aspects	Mr. Khagesh Bhandari	2748198 2753056	9988091147	---do---	ddo@pec.ac.in
Equity Assurance Plan Implementation	Dr Sanjeev Sofat	2753053	9814741410	---do---	<u>dd@pec.ac.in</u>

## **a. ACADEMIC INFORMATION**

### **I (a) Engineering programmes offered in Academic year 2014-15**

S. No	Title of programmes	Level	Duration (Years)	Year of Starting	AICTE Sanctioned annual intake	Total Student Strength (2014-15)
1	B.E (Aeronautical Engg.)	UG	4 years	1960	30+8 (NRI)	80
2	B.E (Civil Engg.)	UG	4 years	1947*	75+9 (NRI)	263
3	B.E (Comp Sc. & Engg.)	UG	4 years	1988	75+15 (NRI)	218
4	B.E (Electrical Engg.)	UG	4 years	1947*	75+9 (NRI)	265
5	B.E (Electronics & Electrical Communication)	UG	4 years	1967	75+15 (NRI)	291
6	B.E (IT)	UG	4 years	2000		67
7	B.E (Mechanical Engg.)	UG	4 years	1947*	75+15 (NRI)	293
8	B.E (Metallurgical Engg.)	UG	4 years	1967	60+2 (NRI)	158
9	B.E (Production Engg.)	UG	4 years	1965	40+2 (NRI)	115
	<b>Total</b>				<b>505+ 75 (NRI)</b>	<b>1750</b>

**(b) Post Graduate engineering programmes offered in Academic year 2014-15**

S. No	Title of programmes	Level PG	Duration (Years)	Year of starting	AICTE sanctioned annual intake	Total Student Strength (2014-15)
1	Civil Engg. (Structures)	ME	2 Years	1964	18+ 2 +3	38
2	Civil Engg. (Irrigation & Water Resource)	ME		1959	18+ 2 +3	34
3	Civil Engg. (Transportation)	ME		2003	18+2+3	38
4	Environmental Engg.	ME		1989	18+ 2 +3	23
5	Mechanical Engg.	ME		1959	25+ 2 +3	53
6	Electrical Engg.	ME		1959	25+ 2 +3	50
7	Electronics Engg.	ME		1995	25+ 2 +3	49
8	Electronic VLSI Design	ME		1996	18+ 2 +3	37
9	Industrial Materials & Metallurgy	ME		1996	18+ 2 +3	35
10	Production & Industrial Engg.	ME		1995	18+ 2 +3	38
11	Computer Science & Engg.	ME		2002	25+ 2 +3	53
12	Computer Science & Engg. (Information Security) on self-supporting basis	ME		2010	25+2+3	42
13	Industrial Design on self-supporting basis	ME		2011	18+2+3	27
14	Total Quality Engineering & Management (TQEM) on self-supporting basis	ME		2011	18+3	14
<b>Total</b>					<b>287+26+42=355</b>	<b>531</b>

Each programme is for 18/25 Full Time, +2 Part Time +3 Sponsored

\*Total Strength counts for both years (first and second) = 531 students

Degree is awarded by PEC Univ. Of Technology but Programme is run by faculty of PEC & CDAC, Mohali.

**(c) Ph.D Programmes offered in Academic year 2014-15**

S. No	Title of programmes	Level Ph.D.	Duration (Years)	Year of Starting	AICTE Sanctioned annual intake	Total Student Strength (2014-15)
1	Aeronautical Engg.	Ph.D		2006		07
2	Applied Science Engg.	Ph.D				21
3	Civil Engg.	Ph.D.		2006		33
4	Comp Sc. & Engg.	Ph.D		2006		24
5	Electronics & Electrical Communication.	Ph.D		2006		21
6	Electrical Engg.	Ph.D		2006		25
7	Mechanical Engg.	Ph.D		2006		41
8	Metallurgical Engg.	Ph.D		2006		05
9	Production Engg.	Ph.D		2006		28
	Total					205

\*Total Full-time and part-time students admitted in 2014-15 are 205.

**II. (a) Accreditation Status of UG programmes****(Annexure -III)**

<b>Sl. No</b>	<b>Title of UG programmes being offered</b>	<b>Whether eligible for accreditation or not?</b>	<b>Whether accredited as on 31st March 2010?</b>	<b>Whether “Applied for” as on 31st March 2015?</b>
1	B.E (Aeronautical Engg.)	YES	YES	Accredited
2	B.E (Civil Engg.)	YES	YES	Accredited
3	B.E (Comp Sc. & Engg.)	YES	YES	Accredited
4	B.E (Electrical Engg.)	YES	YES	Accredited
5	B.E (Electronics & Electrical Communication)	YES	YES	Accredited
6	B.E (Mechanical Engg.)	YES	YES	Accredited
7	B.E (Metallurgical Engg.)	YES	YES	Accredited
8	B.E (Production Engg.)	YES	YES	Accredited

**(b) Accreditation Status of PG programmes****(Annexure-IV)**

<b>Sl. No</b>	<b>Title of PG programmes being offered</b>	<b>Whether eligible for accreditation or not?</b>	<b>Whether accredited as on 31st March 2015?</b>	<b>Whether “Applied for” as on 31st March 2015?</b>
1	Civil Engg. (Structures)	YES	NO	Applied for*
2	Civil Engg. (Irrigation & Water Resource)	YES	NO	Applied for*
3	Civil Engg. (Transportation)	YES	NO	Applied for*
4	Environmental Engg.	YES	NO	Applied for*
5	Mechanical Engg.	YES	NO	Applied for*
6	Electrical Engg.	YES	NO	Applied for*
7	Electronics Engg.	YES	NO	Applied for*
8	Electronic VLSI Design	YES	NO	Applied for*
9	Industrial Materials & Metallurgy	YES	NO	Applied for*
10	Production & Industrial Engg. Engg.	YES	NO	Applied for*
11	Computer Science & Engg.	YES	NO	Applied for*
12	Computer Science & Engg. (Information Security) on self-supporting basis	YES	NO	Applied for*
13	Industrial Design on self-supporting basis	YES	NO	Applied for*
14	Total Quality Engineering & Management (TQEM) on self-supporting basis	YES	NO	Applied for*

### 1.3 Faculty Status (Regular/On-Contract Faculty as on March 31<sup>st</sup>, 2015)

Faculty Rank	No. of Sanctioned Regular Posts	Present Status : Number in Position by Highest Qualification												Total Number of regular faculty in Position	Total Vacancies	Total Number of contract faculty in Position			
		Doctoral Degree				Masters Degree				Bachelor Degree									
		Engineering Disciplines		Other Disciplines		Engineering Disciplines		Other Disciplines		Engineering Disciplines		Other Disciplines							
		R	C	R	C	R	C	R	C	R	C	R	C						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15= (3+5+7+9+11+13)	16= (2-15)	17= (4+6+8+10+12+14)			
Prof	24	11	-	02	-	-	-	-	-	-	-	-	-						
Asso Prof	49	29	-	6	-	15	-	02	-	-	-	-	-						
Asst Prof	88	16	-	02	-	29	1*	03	-	1**	-	-	-	117	45	19			
Associate Superintendent	01	-	-	-	-	-	-	-	-	01	-	-	-						
Contractual Faculty	-	-	03	-	-	-	11	-	04	-	-	-	-						
<b>Total</b>	<b>162</b>	<b>56</b>	<b>03</b>	<b>10</b>	<b>-</b>	<b>44</b>	<b>12</b>	<b>05</b>	<b>04</b>	<b>02</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>117</b>	<b>45</b>	<b>19</b>			

Prof = Professor, Asso Prof = Associate Professor, Asst Prof = Assistant Professor, Lec=Lecturer, R=Regular, C=Contract

\* 01 post of Assistant Professor is temporary and likely to continue as long as the Self Supported ME (Information Security) course continues. The appointment will be for a minimum period of three years.

\*\* 01 Assistant Professor on Adhoc.

Note:

Post adjusted against the vacant post of Associate Professor  
Post adjusted against the vacant post of Assistant Professor

**01 System Manager**  
**02 Network Administrator**

**1.4 Baseline Data (all data given for the following parameters must be restricted  
to engineering disciplines/ field only)**

Sr. No	Parameters	
1	Total strength of students in all programmes and all years of study in the year 1988-2009-10	1988
2	Total women students in all programmes and all years of study in the year 337 2009-10	337
3	Total SC students in all programmes and all years of study in the year 2009-10	264
4	Total ST students in all programmes and all years of study in the year 2009-10	34
5	Total OBC students in all programmes and all years of study in the year 2009-10	*
6	Number of fully functional P4 and above level computers available for students 450 in the year 2009-10	450
7	Total number of text books and reference books available in library for UG and 1,12,180 PG students in the year 2009-10	1,12,180
8	% of UG students placed through campus interviews in the year 2009-10	91%
9	% of PG students placed through campus interviews in the year 2009-10	17%
10	% of high quality under Graduates (>75% marks) in the year 2009-10	34.28%
11	% of high quality postgraduates (>75% marks) in the year 2009-10	36.53 %
12	Number of research publications in Indian refereed journals in the year 2009-10	3 5
13	Number of research publications in International refereed journals in the year 2009-10	30
14	Number of patents obtained in the year 2009-10	Nil
15	Number of patents filed in the year 2009-10	Nil
16	Number of sponsored research projects completed in the year 2009-10	
17	The transition rate of students in 2009-10 in percentage from 1 <sup>st</sup> year to 2nd year in the 2009-10. (i) all students (ii) SC (iii) ST (iv) OBC	93.35% 90.38% 62.50% *
18	IRG from students fee and other charges in the year 2009-10 (Rs. in lakh)	987.00
19	IRG from externally funded R&D projects, Consultancies in the year 2009-10 (Rs. in lakh)	164.00
20	Total IRG in the year 2009-10 (Rs. in lakh)	1151.00
21	Total annual recurring expenditure of the applicant entity in the year 2009-10 (Rs. In lakh)	2366
22	Number of Joint publications with National authors in the year 2009-10	03
23	Number of Joint publications with International authors in the year 2009-10	01
24	Number of R&D products commercialized in the year 2009-10	Nil
25	Number of joint MTech programmes with institutions undertaken in the year 2009-10.	Nil

26	Number of joint MTech programmes with Industry undertaken in the year 2009-10.	01
27	Number of joint PhD with institutions undertaken in the year 2009-10	Nil
28	Number of joint PhD with Industry undertaken in the year 2009-10	Nil
29	Number of joint consultancies undertaken with institutions in the year 2009-10	Nil
30	Number of joint consultancies undertaken with Industry in the year 2009-10	262

\* There is no separate reservation for OBC students till date

**1.4 Baseline Data (all data given for the following parameters must be restricted  
to engineering disciplines/ field only)**

Sr. No	Parameters	
1	Total strength of students in all programmes and all years of study in the year 2014-15	2485
2	Total women students in all programmes and all years of study in the year 2014-15	581
3	Total SC students in all programmes and all years of study in the year 2014-15	331
4	Total ST students in all programmes and all years of study in the year 2014-15	53
5	Total OBC students in all programmes and all years of study in the year 2014-15	*
6	Number of fully functional P4 and above level computers available for students 800 in the year 2014-15	800 (every student has own laptop)
7	Total number of text books and reference books available in library for UG and 1,20,591 PG students in the year 2014-15	1,20,591
8	% of UG students placed through campus interviews in the year 2014-15	71.54%
9	% of PG students placed through campus interviews in the year 2014-15	24.22%
10	% of high quality under Graduates (>75% marks) in the year 2014-15	44.28%
11	% of high quality postgraduates (>75% marks) in the year 2014-15	56.53 %
12	Number of research publications in Indian refereed journals in the year 2014-15	119
13	Number of research publications in International refereed journals in the year 2014-15	173
14	Number of patents obtained in the year 2014-15	Nil
15	Number of patents filed in the year 2014-15	Nil
16	Number of sponsored research projects completed in the year 2014-15	
17	The transition rate of students in 2014-15 in percentage from 1st year to 2nd year in the 2014-15. (i) all students (ii) SC (iii) ST (iv) OBC	93.35% 90.38% 62.50% *
18	IRG from students fee and other charges in the year 2014-15 (Rs. in lakh)	1732.84
19	IRG from externally funded R&D projects, Consultancies in the year 2014-15 (Rs. in lakh)	35.59 & 91.00 (in lacs)
20	Total IRG in the year 2014-15 (Rs. in lakh)	2025.84
21	Total annual recurring expenditure of the applicant entity in the year 2014-15 (Rs. In lakh)	3736.00
22	Number of Joint publications with National authors in the year 2014-15	12
23	Number of Joint publications with International authors in the year 2014-15	17
24	Number of R&D products commercialized in the year 2014-15	Nil
25	Number of joint MTech programmes with institutions undertaken in the year 2014-15	Nil
26	Number of joint MTech programmes with Industry undertaken in the	01

	year 2014-15	
27	Number of joint PhD with institutions undertaken in the year 2014-15	Nil
28	Number of joint PhD with Industry undertaken in the year 2014-15	Nil
29	Number of joint consultancies undertaken with institutions in the year 2014-15	Nil
30	Number of joint consultancies undertaken with Industry in the year 2014-15	221

\* There is no separate reservation for OBC students till date

**1.5 Institutions to be eligible for participation in the Project under the Sub-component 1.2 must fulfill the following benchmarks:**

**Table-33**  
**Benchmarks for Institutions to Qualify for Sub-component-1.2**

S. No.	Attainment Parameters	Bench mark values	Institution's response (Yes/No)
1.	<p>Does the institution agree to implement all academic and non-academic reforms given as below:</p> <ul style="list-style-type: none"> <li>• Implementation of curricular reforms • Exercise of autonomies</li> <li>• Establishment of Corpus Fund, Faculty Development Fund, Equipment Replacement Fund and Maintenance Fund</li> <li>• Generation, retention and utilization of revenue generated through variety of activities</li> <li>• Institutions to fill-up all existing teaching and staff vacancies</li> <li>• Delegation of decision making powers to senior Functionaries with accountability</li> <li>• Improve student performance evaluation</li> <li>• Improvement performance appraisal of faculty by students</li> <li>• Provide faculty incentive for Continuing Education (CE), consultancy and R&amp;D</li> <li>• Obtaining accreditation</li> </ul>	Yes	Yes
2.	Availability of academic autonomy as recognized by UGC for both UG and PG programmes	Yes	Yes (Annexure-I,IIA, IIB & V)
3.	Presence of Board of Governors with an eminent academician or industrialist as the Chairperson	Yes	Yes (Annexure-VI)
4.	Percentage of eligible UG programmes accredited <del>or applied for</del>	60%	100 % (Annexure-III)
5.	Percentage of eligible PG programmes <del>accredited</del> or applied for	40%	Applied for (Annexure-IV)
6.	<p>Cumulative number of PhDs produced in the last three academic years (2010-11, 2011-12, 2012-13, 2013-14 and 2014-15) or</p> <p>Cumulative number of MTech produced in the last three academic years (2010-11, 2011-12, 2012-13, 2013-14 and 2014-15)</p>	<p>5</p> <p>50</p>	<p>33 (Annexure-VII)</p> <p>771 (Annexure-VIII)</p>
7.	Faculty positions filled on regular full time basis as percentage of total faculty positions sanctioned in accordance with the AICTE prescribed student to faculty ratio	65%	77%

8.	Percentage of regular faculty with PhD in engineering* as percentage of total faculty	15%	41%**
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Total Regular Faculty =117 Total Students=2485

\*\*Percentage of regular faculty with PhD in engineering\* as percentage of total faculty=  $66/162=40.77$

Government of India  
Ministry of Human Resource Development  
Department of Secondary & Higher Education

Shastri Bhawan, New Delhi.  
16<sup>th</sup> October 2003

NOTIFICATION

In exercise of the powers conferred by Section 3 of the University Grants Commission Act, 1956, the Central Government, on the advice of the University Grants Commission, hereby declare the Punjab Engineering College, Chandigarh as Deemed to be University for the purpose of the aforesaid Act with immediate effect.

*Ravinder*  
(Ravinder Mathur)

Joint Secretary to the Government of India

De Manager,  
Government of India Press,  
Mumbai (Haryana).

Copy forwarded for information to:-

The Secretary, University Grants Commission, New Delhi.  
The Principal/Director, Punjab Engineering College, Chandigarh - 160009.

"The grant of Deemed to be University to Punjab Engineering College, Chandigarh is subject to the condition that it will adhere to the guidelines / instructions issued by UGC & AICTE from time to time as applicable to Deemed Universities."

- The Home Secretary Cum Education Secretary, Education Department, Chandigarh administration, U.T. Sectt., Sector 9, Chandigarh - 160009.  
The Member Secretary, All India Council for Technical Education, I.G. Sports Complex, I. P. Estate, New Delhi - 110002.  
All Ministries/Departments of the Government of India.  
All State Governments and Union Territories.  
Registrars of all Universities & Deemed Universities.  
Press Information Bureau, Shastri Bhawan, New Delhi.  
The Secretary-General, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi 110002.  
All officers/sections in Department of Secondary & Higher Education.  
Guard file/Coordination Assistant/Notification file/NIC/NIEPA.

*Sukumar*  
( P. Sukumar )  
Deputy Secretary to the Government of India

(A.F.I.P)  
15-12-2003, Annexure II

**UNIVERSITY GRANT'S COMMISSION  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI-110 002.**

No. F. 6-4/2001 (CPP-I)

November, 2003

**NOTIFICATION**

11 DEC 2003

Consequent upon the declaration of the following Colleges /Institutes as Deemed to be University by the Government of India, Ministry of Human Resource Development vide various notifications issued from time to time, the names of the following Colleges/Institutes which were affiliated to different universities in India prior to conferment of Deemed University are deleted from the list of Colleges maintained under Section 2 (f) of the UGC Act

	Names of RECs/Institutes prior to conferment of Deemed University Status which are now to be deleted	Name of the University under which the RECs/Colleges were affiliated	Name of the RECs/Institutes after conferment of Deemed University Status
1.	Regional Engineering College, Warangal	Kakatiya University	National Institute of Technology, Warangal
2.	Sardar Vallabhbhai Regional Engineering College & Technology, Surat	South Gujarat University	Sardar Vallabhbhai National Institute of Technology, Surat
3.	Regional Engineering College, Kurukshetra	Kurukshetra University, Kurukshetra	National Institute of Technology, Kurukshetra
4.	Regional Engineering College, Hamirpur	H.P. University, Shimla	National Institute of Technology, Hamirpur
5.	Regional Institute of Technology, Jamshedpur (Jharkhand).	Ranchi University, Ranchi	National Institute of Technology, Jamshedpur (Jharkhand).
6.	Regional Engineering College, Srinagar (J & K)	Kashmir University, Srinagar	National Institute of Technology, Srinagar (J & K)
7.	Karnataka Regional Engineering College, Surathkal	Mangalore University	National Institute of Technology, Karnataka, Surathkal.
8.	Regional Engineering College, Calicut	Calicut University	National Institute of Technology, Calicut
9.	Maulana Azad College of Technology, Bhopal	Babu-Bahadur University, Bhopal	Maulana Azad National Institute of Technology, Bhopal
10.	Visvesvaraya Regional College of Engineering, Nagpur	Nagpur University	Visvesvaraya National Institute of Technology, Nagpur

11	Regional Engineering College, Rourkela	Sambalpur University	National Institute of Technology, Rourkela
12	Regional Engineering College, Jalandhar	Guru Nanak Dev University	Dr. B.R. Ambedkar National Institute of Technology, Jalandhar
13	Malviya Regional Engineering College, Jaipur	Rajasthan University	Malviya National Institute of Technology, Jaipur
14	Regional Engineering College, Tiruchirappalli (T.N.)	Bharathidasan University	National Institute of Technology, Tiruchirappalli (T.N.)
15	Motilal Nehru Regional Engineering College, Allahabad	Allahabad University	Motilal Nehru Institute of Technology, Allahabad
16	Regional Engineering College, Durgapur	Burdwan University	National Institute of Technology, Durgapur
17	Yashwantrao Mohite College (Arts, Science & Commerce) Pune	University of Pune	Included under the ambit of Bharati Vidyapeeth, Pune
18	Symbiosis Society Law College, Pune.	University of Pune	Included under the ambit of Symbiosis International Educational Centre, Pune.
19	Narsee Monjee Institute of Management Studies, Mumbai.	University of Mumbai	Narsee Monjee Institute of Management Studies, Mumbai.
20	Punjab Engineering College, Chandigarh	Punjab University	Punjab Engineering College, Chandigarh
21	Allahabad Agricultural Institute, Allahabad.	Allahabad University	Allahabad Agricultural Institute, Allahabad.
22	Bengal Engineering College, Howrah	Calcutta University	Bengal Engineering College, Howrah

Yours faithfully,

  
 (Sharanjit Singh)  
 Deputy Secretary

Copy to:

1. The Secretary, Government of India, Ministry of Human Resource Development, (Department of Secondary & Higher Education), Shastry Bhawan, New Delhi-110 001.
2. The Deputy Secretary, (NET) UGC, New Delhi.
3. Section Officer (Meetings Cell), UGC, New Delhi.
4. The Joint Secretary (DU), UGC, New Delhi.
5. All Regional Offices of UGC.
6. Senior Statistical Officer, UGC, 35, Ferozshah Road, New Delhi.
7. Section Officer (FD-III Section), UGC, New Delhi.

8. Section Officer (DU Section), UGC, New Delhi.
9. The Registrar, Kakatiya University, Warangal-506 009 (A.P.).
10. The Registrar, South Gujarat University, Surat-395 007 (Gujarat).
11. The Registrar, Kurukshetra University, Kurukshetra (Haryana).
12. The Registrar, H.P. University, Shimla (H.P.).
13. The Registrar, Ranchi University, Ranchi-834 008 (Jharkhand).
14. The Registrar, Kashmir University, Srinagar (J & K).
15. The Registrar, Mangalore University, Mangalore-574 199 (Karnataka).
16. The Registrar, Calicut University, Kozhikode, Calicut-673 635 (Kerala).
17. The Registrar, Barkatullah University, Bhopal-462 026 (M.P.).
18. The Registrar, Nagpur University, Nagpur-440 001 (M.S.).
19. The Registrar, Sambalpur University, Sambalpur-768 019 (Orissa).
20. The Registrar, Guru Nanak Dev University, Amritsar-143 005 (Punjab).
21. The Registrar, Rajasthan University, Jaipur-302 004 (Rajasthan).
22. The Registrar, Bhupathidass University, Tiruchirappalli-620 024 (T.N.).
23. The Registrar, Allahabad University, Allahabad-211 002 (U.P.).
24. The Registrar, Burdwan University, Burdwan-713 104 (W.B.).
25. The Registrar, University of Pune, Ganeshkhind, Pune- 411 009 (M.S.).
26. The Registrar, University of Mumbai, M.G. Road, Fort, Mumbai-400 032 (M.S.).
27. The Registrar, Punjab University, Chandigarh (Punjab)-160 014.
28. The Registrar, Calcutta University, 87/1, College Street, Kolkata-700 073 (W.B.).
29. The Director, National Institute of Technology, Warangal-506 004 (A.P.).
30. The Director, Sardar Vallabhbhai National Institute of Technology, Surat-395 00 (Gujarat).
31. The Director, National Institute of Technology, Kurukshetra-136 119 (Haryana).
32. The Director, National Institute of Technology, Hamirpur-177 005 (H.P.).
33. The Director, National Institute of Technology, Janjehedpur-831 014 (Jharkhand).
34. The Principal, National Institute of Technology, Srinagar (J & K).
35. The Director, National Institute of Technology, Karnataka, Surathkal, P.C. Srinivasa Nagar-575 025 (Karnataka).
36. The Director, National Institute of Technology, Calicut-673 601 (Kerala).
37. The Director, Maulana Azad National Institute of Technology, Bhopal-462 004 (M.P.).
38. The Principal Visvesvaraya National Institute of Technology, Nagpur-440 011 (M.S.).
39. The Director, National Institute of Technology, Rourkela-769 008 (Orissa).
40. The Director, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar (Punjab)-144 011.
41. The Director, Malviya National Institute of Technology, Jaipur (Rajasthan)-302 017.
42. The Director, National Institute of Technology, Tiruchirappalli-620 015 (T.N.).
43. The Director, Motilal Nehru Institute of Technology, Allahabad-211 004 (U.P.).
44. The Director, National Institute of Technology, Durgapur-713 209 (W.B.).

(Sharanjit Singh)  
Deputy Secretary

CERTIFICATE OF REGISTRATION OF  
SOCIETIES

(ACT XXI OF 1860)

No. 3586 of 2008

I hereby certify that PUNJAB ENGINEERING COLLEGE, CHANDIGARH

is this day been registered under the Societies Registration Act (XI of 1860) and as amended by Punjab Amendment Act, 1957.

Given under my hand at Chandigarh this 29/5.

ay of September Two thousand three

Rs. 50



*Vishwanath Singh*  
REGISTRAR OF FIRMS & SOCIETIES  
U.T., CHANDIGARH

Reg. of FS - Govt. Press, U.T., Chd.

# NATIONAL BOARD OF ACCREDITATION

1st Floor, East Tower, Bhisham Pitamah Marg

Shanti Vihar, New Delhi-110 003

+91 11 2436 0620, 2436 0654 Telefax: +91 11 2436 0682



NATIONAL BOARD  
OF ACCREDITATION

F. No. 31-16-2010-NBA

20-5-2014

To,

The Director  
PEC University of Technology  
Sector – 12, Chandigarh – 160 012

Subject: Accreditation status of programs offered PEC University of Technology, Chandigarh.

Sir,

This has reference to your application dated 18.07.2012 seeking accreditation of National Board of Accreditation to 4 UG engineering programs offered by your institution

2. Accreditation status of 3 UG engineering programs was conveyed to you vide letter dated 6<sup>th</sup> December, 2013.

3. Accreditation status of BE – Computer Science & Engineering program approved by the Executive Committee of National Board of Accreditation at its meeting held on 6<sup>th</sup> May, 2014 is indicated below:

SI. No.	Name of the Programme(s) (UG)	Accreditation Status	Period of validity w.e.f. 6-5-2014	Remarks
(1)	(2)	(3)	(4)	(5)
1	B. E. Computer Science & Engineering	Provisionally Accredited	2 years	Accreditation status granted is valid for the period indicated in Column No. 4 or till the programme(s) has the approval of the competent authority, whichever is earlier.

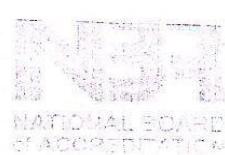
3. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to PEC University of Technology, Chandigarh as a whole. As such the Institution should nowhere along with its name including on its letter head etc., write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name and level of the program accredited and the period of validity of accreditation, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

4. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 3, appears on the website and information bulletin of your Institution.

Contd...

# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhisham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620, 2436 0654 Telefax: +91 11 2436 0682



F.No. F. 31-16/2010/NBA

Dated: 23-04-2014

To,

*DR/PA*

The Director,  
PEC University of Technology,  
Sector - 12,  
Chandigarh - 160 012

Subject : Accreditation status of programs applied by PEC University of Technology, Chandigarh.

Sir,

This has reference to your application dated 18.07.2012 in May 2011 format seeking accreditation of National Board of Accreditation to various UG Engineering programs offered by the University..

2. An Expert Committee conducted an on-site evaluation of the programs during 6<sup>th</sup> -8<sup>th</sup> Sep, 2013. The reports submitted by the Expert Committee were considered by the concerned Committees constituted for the purpose in NBA. The competent authority has approved the following accreditation status to the programs.:.

Sl. No.	Name of the Programme	Accreditation Status	Period of validity w.e.f. 01.07.2014
(1)	(2)	(3)	(4)
1	BE – Civil Engineering	Provisionally Accredited	2 years
2	BE – Mechanical Engineering	Provisionally Accredited	2 years
3	BE - Materials & Metallurgical Engineering	Accredited	5 years

3. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to, PEC University of Technology, Chandigarh as a whole. As such the University should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the programs accredited, level of programs and the period of validity of accreditation, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

4. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of your College.

5. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any

No. PEC/PAD/Dir/DoJ  
Dated 23-04-2014

*Draft Hand*  
*Valid:*

## NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhisham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620, 2436 0654-Telefax: +91 11 2436 0682



S.Y. 2014-15  
C.O.D. NO. 5000  
PAILED.  
(N.C.)  
(13) 10/11/14  
C.R. & B.D.M  
APR 9 2014

F. No. 31-16-2010-NBA

SO-I/SO-II/SB/SA/SC/CS/NSDA

Date: 22-09-2014

To,

Diary No. 3989

Dated 9 OCT 2014

The Director  
PEC University of Technology  
Sector – 12, Chandigarh – 160 012

Record Section  
PEC University of Technology

**Subject:** Accreditation status of program offered PEC University of Technology, Chandigarh.

Sir,

This has reference to your application dated 18.07.2012 seeking accreditation of National Board of Accreditation to 4 UG engineering programs offered by your institution.

2. Accreditation status of 3 UG engineering programs was conveyed to you vide letter dated 3<sup>rd</sup> June 2014.

3. An Expert Team conducted an on-site evaluation of the programs during 06<sup>th</sup> to 08<sup>th</sup> September, 2013. Reports of the expert team were considered by the concerned Committees constituted for the purpose in NBA. The competent authority has approved the following accreditation status to the programs.

Sl. No.	Name of the Programme(s)	Basis of Evaluation	Accreditation Status	Period of validity w.e.f. 1-7-2014	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1	U.G. Aeronautical Engineering	May 2011	Provisionally Accredited	2 years	Accreditation status granted is valid for the period indicated in Column No. 4 or till the programme(s) has the approval of the competent authority, whichever is earlier.

4. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to PEC University of Technology, Chandigarh as a whole. As such the Institution should nowhere along with its name including on its letter head etc., write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name and level of the program accredited and the period of validity of accreditation, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

5. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 3, appear on the website and information bulletin of your Institution.

Contd...

Nation  
13/11/14  
No. PEC/PAD/DIR/ 5358

.....

6. Weaknesses/ deficiencies in respect of the above programs as observed by the expert team during the course of evaluation are indicated in the Annexure to this letter.

7. The accreditation status awarded to the program as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. Copy of the Comprehensive Report submitted by the Chairman of the Expert Committee along with the detailed report submitted by the Expert Team which visited your Institution for the program evaluated are enclosed for reference and for taking necessary action to overcome the shortcomings, if any, pointed out by the Expert Team.

9. If the Institution is not satisfied with the decision of NBA, it may appeal within 30 days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)  
Member Secretary

Encls.: Copy of Comprehensive Report of Chairman and Expert Report of the Visiting Team.

Copy to:

1. The Member Secretary  
AICTE, Chanderlok Building,  
Janpath, New Delhi – 110 001
2. The Regional Officer  
All India Council for Technical Education,  
Plot No. 1310, Sector 42-B,  
Chandigarh – 160 036
3. The Director  
Technical Education  
Govt. of Punjab  
Chandigarh
4. The Director  
Technical Education  
Govt. of Punjab  
Chandigarh
5. Concerned File

Annexure V

No 13/1/50-IH(3)-2004/ 159/44  
Chandigarh Administration  
Home Department

Chandigarh, dated the 27/8/2004

The Adviser (UG),  
All India Council for Technical Education,  
India Gandhi Sports Complex,  
IP Estate, New Delhi

Subject:

Exclusion of AICTE approval to Punjab Engineering College  
Chandigarh for the year 2004-2005.

Sir,

I am directed to refer to your letter No. 765-60-202 (E)/ET/95 dated 26.7.2004 on the subject noted above and to state that the Punjab Engineering College has since been upgraded to that of Deemed University and can legally take its own decisions regarding number of seats etc. The seats at Punjab Engineering College would not be reduced. However to ensure high technical standards, the administration is taking action to remove the deficiencies.

Yours faithfully,

B-8/04  
Despatcher  
Chandigarh Administration  
Excluded

Joint Secretary Technical Education,  
For Home Secretary,  
Chandigarh Administration

CHANDIGARH ADMINISTRATION  
HOME DEPARTMENT

No 13/1/50-IH(3)-2004/ 159/44

Dt 27/8/2004

COPY is forwarded to the Director (ad-interim),  
Engineering College, Chandigarh for information and necessary

Superintendent Home I,  
for Home Secretary,  
Chandigarh Administration.

18

Dior/Diary No. 181  
DT 13/5/08

CHANDIGARH ADMINISTRATION  
TECHNICAL EDUCATION DEPARTMENT  
Notification

No.11/23/152-IH(10)-2008/ 9690

Dated: Chandigarh, 9/5/2008

The Administrator, Union Territory of Chandigarh is pleased to reconstitute the Board of Governors of the Punjab Engineering College (Deemed University), Chandigarh as per clause 5(A) of the byelaws of the Punjab Engineering College Society as under:-

1.	Shri Chandra Mohan, Secretary, Technical Education, Chandigarh Administration	Chairperson
2.	Finance Secretary, Chandigarh Administration	Vice Chairperson (ex-officio)
3.	Vice Chancellor, Panjab University	ex-officio
5.	Joint Secretary, Technical Education Chandigarh Administration	ex-officio
6.	Nominee Ministry of Human Resource Development, New Delhi	ex-officio
7.	Nominee Ministry of Home Affairs, New Delhi	
8.	Nominee University Grants Commission, New Delhi	
9.	Director IIT, Delhi or his nominee	ex-officio
10.	Chairman, CII, Northern Region	ex-officio
11.	Director, CSIO, Chandigarh	
12.	Dr. B. N. Goswamy, Professor, Emeritus, Panjab University.	Technologists/ Educationists
13.	Dr. D. V. Rai Prof. Deptt. of Biophysics, Panjab University.	
14.	Shri Saheer Goyal, Head Infosys, Chandigarh	Industrialists
15.	Shri B. Mishra, M.D. PTL, Mohali	
16.	Shri Vikram Hans	Alumnus
17.	Director, Punjab Engineering College	ex-officio
18.	Registrar, Punjab Engineering College	Member Secretary (ex-officio)

A copy is forwarded to the Controller, Printing & Stationery, Union Territory Chandigarh with the request to publish this Notification in the Chandigarh Administration Gazette and send 20 copies thereof to the Administration for record.

Joint Secretary, Technical Education,  
Chandigarh Administration

Endst. No. 11/23/152-IH(10)-2008/ 9692

Dated: Chandigarh, the 9/5/2008

A copy is forwarded to the Director, Punjab Engineering College (Deemed University) Chandigarh for information and necessary action.

Joint Secretary, Technical Education,  
Chandigarh Administration

Endst. No. 11/23/152-IH(10)-2008/ 9693

Dated: Chandigarh, the 9/5/2008

A copy is forwarded to all concerned.

Joint Secretary, Technical Education,  
Chandigarh Administration

## **Ph.D. Thesis (2010)**

<b>S. No.</b>	<b>Name of Candidate</b>	<b>Guide</b>	<b>Title</b>
1.	R M Belokar	Dr R N Nauhria	Design and Development of a Competitive Production System for Indian Industry
2.	Gurjot Kaur	Dr Neena Gupta	Performance Evaluation and Comparative Analysis of Improved Prime Sequence Codes and Superimposed Optical Orthogonal Codes in OCDMA System
3.	H.S. Bains	Dr.Alakesh Manna	Production, Processing and Fabrication of Aluminium base Metal Matrix Composites
4.	S. M. Salodkar	Dr.Alakesh Manna	Multi search on machinability during turning for optimization of cutting conditions using design of experiments
5.	Harlal Singh Mali	Dr.Alakesh Manna	Experimental investigation on Abrasive Flow Finishing of Composite Materials

## **Ph.D. Thesis (2011)**

<b>S. No.</b>	<b>Name of Candidate</b>	<b>Guide</b>	<b>Title</b>
1.	Vandana Kansal	Dr T K Jindal	Design optimization of an energy efficient wind turbine for high altitude areas and formulizing the guidelines for commercialization of technology
2.	Radhey Sham	Dr T K Jindal	Analysis of miniature cryocooler with real thermodynamic processes
3.	Gulshan Kumar	Dr Vasundhara Singh	New synthetic approaches towards sphingolipids and related compounds
4.	Rajni Ratti	Dr Vasundhara Singh	Synthesis of ionic liquid and clay based recyclable and recoverable catalytic system
5.	Neela R	Dr. Neelam R Prakash	Cosine modulated filter bank for high speed copper wire communication
6.	Amita Soni	Dr. Neena Gupta	Interference rejection of digital signaling over Rayleigh Fading Channels
7.	Naveen Aggarwal	Dr. Sanjeev Sofat	Multimedia Mining and Representation of Content Management System for Integrated Warehouse
8.	Haralal Singh Mali	Dr. Alakesh Manna	“Experimental investigation on Abrasive Flow Finishing of Composite Materials”
9.	S. M. Salodkar	Dr. Alakesh Manna	“Multi search on machinability during turning for optimization of cutting conditions using design of experiments”
10.	H.S. Bains	Dr. Alakesh Manna	“Production, and Fabrication of Aluminium base Metal Matrix Composites”

## **Ph.D. Thesis (2012)**

S. No.	Name of Candidate	Guide	Title
1.	Anita Singla	Dr Harminder Kaur	POTENTIOMETRIC STUDIES ON THE COMPLEXES OF $\text{Co}^{2+}$ , $\text{Ni}^{2+}$ , $\text{Cu}^{2+}$ , $\text{Zn}^{2+}$ , $\text{Cd}^{2+}$ , $\text{Sn}^{2+}$ , $\text{Hg}^{2+}$ , and $\text{Pb}^{2+}$ , WITH SOME NOVEL DRUGS AND FATTY ACIDS
2.	Gulshan Kumar	Dr. Vasundra Singh	New Synthetic Approaches towards sphingolipids and related compounds.
3.	Rajni Ratti.	Dr Vasundra Singh	Synthesis of ionic liquid clay based recyclable and recoverable systems.

## **Ph.D. Thesis (2013)**

S. No.	Name of Candidate	Guide	Title
1.	Sushil kumar	Dr. D. R. Prajapati	“Application of six sigma methodology for improved performance in manufacturing industries- a case study”
2.	Sukhraj Singh	Dr. D R. Prajapati	“Design of quality control charts for autocorrelated data”
3.	Ajay Mittal	Dr. Sanjeev Sofat	A stereo vision based obstacle detection technique for navigation
4.	Jujhar Singh	Dr Satsangi Dr V P Singh Dr D R Prajapati	Investigation of Ultrasonic Assisted Electric Discharge Machining Performance
5.	Radhe Shyam	Dr Harminder Kaur	“Adsoptive Removal of Toxic Metals and Organics By Flyash and Other Low Cost Adsorbents From Aqueous Solution”
6.	Jatinder Kaur	Dr Prem Lata	“Development of Thermally Stable Insensitive High Explosive Compositions for Futuristic Armament Systems”

## Ph.D. Thesis (2014)

<b>S. No.</b>	<b>Name of Candidate</b>	<b>Guide</b>	<b>Title</b>
1.	Rajesh S	M L Gupta, Anju Singla	Impact of Leadership Behaviour & Organizational Climate on Employee Commitment: A Study of Small Scale Enterprises in Delhi
2.	Renu Lamba	M L Gupta	Financial Inclusion through Microfinance: A Case Study of MFIs and RRBs in the States of Punjab, Haryana and Himachal Pradesh
3.	Balraj Singh Brar	V P Singh	Development and Investigation in Electro-Chemical Aided Abrasive flow machining (ECA <sup>2</sup> FM) Process.
4.	Ms Inderpreet Kaur	Neena Gupta	Performance Modeling of Hybrid Amplifiers for DWDM Systems
5.	Ms Shilpa Jindal	Neena Gupta	Performance Evaluation of a Novel 3D Coding Technique for OCDMA Systems
6.	Sukhwinder Singh	Neelam Rup Prakash	A Novel Approach to Extract and Enhance the Edges of Noisy Grey Scale Images
7.	Ashwani Kumar	S.K.Singla	Performance Analysis of Magnetorheological Damper
8.	Arindam Ghosal	A.Manna, Arun K.Lall	Yiterbium Fiber Laser Machining of Al/Al <sub>2</sub> O <sub>3</sub> Metal Matrix Composite
9.	J D Sharma	Uma Batra	Optimization of composition and heat treatment parameter and structure property correlation of Austempered Ductile Iron (from Panjab University)

## **M.E. THESIS (2010)**

<b>S. No.</b>	<b>Name of Candidate</b>	<b>Guide</b>	<b>Title of Thesis</b>
<b>Civil Engineering</b>			
1.	Kulwant Singh	Umesh Sharma	Comparative Study of Conventional Bituminous Concrete Mix and Plastic Modified Bituminous Concrete Mix.
2.	Puneet Maria	Umesh Sharma	Comparative study of Overlay design by CBR and Benkleman Beam Method
3.	Mahesh Singh Rathor	N.P.Devgan	Seismic Response of Multistoried Reinforced Concrete Framed Building with Floor Diaphragm
4.	Sat Pal Singh Rawat	N.P.Devgan	Behavioral Study of RC Framed Building with core wall
5.	Jaspreet Singh	Sarita Singla	Behaviour of Concrete using Ground Granulated Blast Furnace Slag as an Admixture
6.	Adrash Kumar	Roshan Lal	An Analytical Investigation on Reinforced Concrete opening corner joints
7.	Gursagar Singh Chahal	Roshan Lal S.K.Verma	Study on Strength and Durability characteristics of Geopolymer Concrete
8.	Manpreet Kaur	Roshan Lal	Study on Reinforced Concrete Corners Subjected to Opening Bending Moment
9.	Raman Kumar	Roshan Lal S.K.Verma	Seismic Behaviour of Shear Wall Framed Buildings
10.	Gurwinder S Dhindsa	Roshan Lal	Behaviour of Reinforced Fiberous Concrete Corner Joints
11.	Jaivir Singh	Roshan Lal	Strength and Durability Properties of Self Compacting Concrete containing Flyash and Lime Stone Quarry Fine
12.	Shailza Singh	Roshan Lal	An Investigation on Effects of Flyash on Strength and Flowability of SCC

## **Computer Engineering**

1.	Shivjeet Singh	Sanjeev Sofat	Mobility using key management in Wireless Mesh Network
2.	Gurdit Singh	Sanjeev Sofat	A Secure routing protocol for higbred Wireless Mesh Network
3.	Sahit Seth	Sanjeev Sofat	Designing and implementing intrusion detection system to detect denial of service attacks in Wireless Mesh Network using cross layer approach
4.	Shikha Goyal	Sanjeev Sofat	Method of BEACON frame spoof detection in IEEE 802.11 Wireless LAN
5.	Arun Kumar	Divya	A Preauthentication based Vertical handover between WiMAX and WMN
6.	Sunil Kumar	Divya	A Robust Key Management Scheme for Wireless Mesh Networks
7.	Anit Kumar Gankotiya	Divya	An Integrated Approach for Handling Selfish MAC Misbehaviour in IEEE-Based 802.11 Mesh Network
8.	Chirag Kumar Kanjibhai	Rupani Trilok Chand	Efficient Transport Layer Protocol for Wireless Sensor Networks
9.	Isha Batra	Trilok Chand	Efficient MAC Protocol for Wireless Sensor Networks
10.	Ravika Goel	Trilok Chand	Efficient Routing Protocol for Mobile Wireless Sensor Networks
11.	Kuldeep Kaur	Trilok Chand	Enhanced Adhoc on demand Distance Vector (E-AODV) Routing Protocol in Wireless Mesh Networks
12.	Vikas Tomer	Ajay Mittal	A framework for Obstacle representation and Detection
13.	Akhileshwar	Ajay Mittal	Vision Based framework for visually impaired navigation
14.	Shekhar Karanwal	Manjeet Kaur	A Secure Multimodal Biometric System using Fingerprints, Palmprints and Faces
15.	Purnima	Manjeet Kaur	Speech Processing and Indentification Labview
16.	Deepak Saraswat	Manjeet Kaur	Template Security in Biometric Systems

17.	Prince	Ajay Mittal Manvjeet Kaur	Online Voting System using Fingerprint Authentication
18.	Asit Kumar Gahalaut	Padmavati	An Insight on Reverse Engineering for JAVA code through program analysis
19.	Meenakshi Mittal	Shailendra Singh	Prediction of Protein structure using neural network

### **Electronics & Electrical Communication Engineering**

1.	Mohandeep Singh	Ajay Mudgil Amita Soni	Design & Development of Microcontroller based irrigation scheduling
2.	Chandan	Dilip Kumar Deepak Bagai	Design and Development of DTMF Based Robotic Surveillance cum Rescue System
3.	Gagandeep	Dilip Kumar Neena Gupta	Microcontroller based numeric control for pipe bending machine
4.	Hardeep Singh	J S Bhatia Jasbir Kaur	Eye tracking driver fatigue monitoring and warning system
5.	Hitesh Pahuja	Mandeep Singh Nagendra Sah	Design and Development of Microcontroller based shooting dimension feedback system
6.	Abhay Kumar	S P Sood Rita Mahajan	Voice operated power wheel chair using micro controller
7.	Naveen Kansal	J S Bhatia Nagendra Sah	Coma patient monitoring System
8.	Neelam Sheoran	Jaspal Singh Sukhwinder Singh	Intelligent dual axis solar tracking system
9.	Neha Jain	Dalip Kumar Neelu Jain	Design and Development of coin mechanism for vending machine
10.	Priyanshu Tanck	Mandeep Singh Jyoti Kedia	Design and development of Wireless Pedometer
11.	Sandeep Bhatia	Ajay Mudgil Amita Soni	Alive human body detection system using an autonomous mobile rescue robot
12.	Shalini Sharma	Jaspal Singh Jasbir Kaur	Remote controlled robotic lawn mower
13.	Swati Sharma	Jaspal Singh Divya	Home appliance control for disable people based on head tracking and voice control

14.	Tanushree Aggrawal	Dalip Kumar Neelam R Parkash	Hardware implementation of Ant Colony Optimization approach for wireless Communication
15.	Deepika Sharma	Jaspal Singh Arun Kumar Singh	Motion Enable virtual 3-D display with RC connectivity
16.	Gyanendra N. Tripathi	S P Sood V Rihani	Motion planning of a mobile Robot using artificial neural network
17.	Ajit Partap Singh Negi	Deepak Bagai Rita Mahajan	An Improved Model of a Solar Powered Standalone Lighting System for Remote Areas
18.	Shilpi Kumari	Deepak Bagai Rita Mahajan	Implementation of Improved Battery Charger for Stand –Alone Photovoltaic System
19.	Nitin Kumar	V Rihani	Study of Design of Microstrip Reflectarray Antenna for Direct to Home Application
20.	Zila Singh	V Rihani	Study & Design of Aperture Coupled, photovoltaic Integrated Microstrip Patch Antenna for WLAN Applications
21.	Dilip Kumar Dubey	Neelu Jain Jyoti Kedia	Design & Development of Electronic Voting Machine using finger print identification of Verification
22.	Rohit Maurya	Neelu Jain Jyoti Kedia	Design and Analysis of high performance CMOS Operational Amplifiers
23.	Anshu Vishnoi	Neelam R Parkash Sukhwinder Singh	1 Period -3 Based Gene Prediction using Digital Fillers
24.	Swati Sharma	Neelam R Parkash Sukhwinder Singh	Edge detection based on Mathematical morphology
25.	Abhishek Singhal	Neelam R Parkash	Dimensional Analysis Segmentation of Touching Rice Grains
26.	Deepak Kumar	Nagendra Sah Bipan Kaushal	Implication of propagation Modeling using cell breathing concept on coverage and capacity prediction in WCDMA
27.	Davendra Kumar	Nagendra Sah	Optimization of path loss of wireless Indoor propagation models using CSP Algorithms
28.	Abhishek Kumar Katiyar	Neena Gupta Divya	Realization of DWDM system and all optical logic gates using cross grain Modulation
29.	Ankush Aggarwal	Neena Gupta Divya	Performance Analysis of a cross phase Modulated Optical Communication system using a novel.

## **Information Technology**

1.	Amit Kumar	Rupali Syal	Performance Analysis of Aggregation Techniques for VoIP in Wireless Mesh Networks
2.	Ritu Malik	Rupali Syal	Performance Analysis of IP Security VPN for Real Time Traffic
3.	Surabhi Mahajan	Alka Jindal	NPRE: An Improved Method in Security of VANETS

## **Mechanical Engineering**

1.	Rajjinder Kumar	D.R. Prajapati	“Implementation of Taguchi Methodology in Automotive Process Industries”, August, 2010, MED, PEC University of Technology, Chandigarh.
2.	Manjinder Bajwa	D.R. Prajapati	“Application of SPC Techniques in Process Industries”, August, 2010, MED, PEC University of Technology, Chandigarh.
3.	Amoljit Gill	Sanjeev Kumar	“Effect of Deep Cryogenic Treatment on the Performance of EDM Tool Electrodes”, MED, PEC, Chandigarh August 2010,
4.	Bidyut Kumar Panda	Sanjeev Kumar	“Design and Implementation of Software’s for Defect Investigation in an Air Force Unit, MED, PEC July, 2010.
5.	Vishal Sharma	S.K. Mangal	“Performance analysis of the working clearance of a Magneto Rheological Disc Brake”.
6.	Gaurav Rana	S.K. Mangal	“Performance analysis of the Magneto Rheological Drum Brake”
7.	Vivek Narang	Alakesh Manna	“An experimental investigation during micro machining of e-glass fibre-epoxy composite on electro chemical discharge machining”
8.	Sunil Sharma	Alakesh Manna	“An experimental investigation on EAFF of Al/ Al <sub>2</sub> O <sub>3</sub> -MMC cylindrical internal surfaces

## **Industrial Materials & Metallurgy**

1.	Ramesh Kumar	P Thareja	Development of Rotor Blades For Shot Blasting Machine,
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## **Production Engineering**

1.	Pardeep Sharma	Parveen Kalra	Modeling & Simulation of Mitsubishi RV-M1 Robot
2.	Harish Kr. Banga	Parveen Kalra	Optimum Path for Sealant Application on an Automobile Roof
3.	Jaswinder Singh	Parveen Kalra	Bio -Mechanical Discomfort Analysis of Maruti 800 Vehicle Driver
4.	Vikas Agnihotri	M M Goud	Design of an Adaptive Control for A Turning Process
5.	Krishna Kant Dhakar	R M Belokar	Just in Time in Supply Chain
6	Angrej Singh	R S Walia	A Feasibility Study of Waste to Energy Solid Waste Technologies in Treating Municipal in Chandigarh

**M.E. THESIS (2011)**

S. No.	Name of Candidate	Guide	Title of Thesis
<b>Civil Engineering</b>			
1.	Deepak Arora	Dr N P devgan	Determination of Moment Co-efficient of flat slabs under different edge conditions
2.	Neetu Jakhar	Dr Siby John	Modeling and Mapping of Gangotri Glacier in the perspective of Climate Change
3.	Pratibha Sauparna	Dr Siby John	A comparative study of various methodologies for Avalanche Hazard Mapping for a part of Manali- Leh Axis
4.	Gaurav Kathpal	Prof S K Sharma Dr Vasundhara Singh	Evaluation of water quality of river Ghaggar and its impact on groundwater. A Case Study
5.	Naveen Atwal	Prof S K Sharma	Studies on pollution of textile industry and low cost absorbent treatment of its effluent
6.	Varsha Manhas	Prof S K Sharma	Studies on Suitability of Dispersion Model Application for Prediction of Air Pollutant concentration in ambient air in the vicinity of Cement Industry. A Case study
7.	Naveen Rana	Prof S K Sharma	Recommendations and implementation of ISO 14000 in an Agro Based Industry: A Case study
8.	Akanksha	Prof S K Sharma	Environmental Study of a Thermal Plant- A case study
9.	Shubra	Prof S K Sharma	To Assess suitability of ground water for domestic and Agricultural purposes in the Vicinity of village pond. A Case Study
10.	Karandeep Singh	Dr Tripta Goyal	Traffic Strategies for selected Routes of Chandigarh City using Global positioning system
11.	Maninder Virdi	Dr Tripta Goyal	Traffic Analysis of the major intersections for Panchkula City
12.	Sandeep Singh	Dr. Umesh Sharma	Smart Parking Management in Chandigarh
13.	Rishi Rana	Dr Shakti Kumar	A comparative studies of leachate characteristics of Landfills
14.	Sukhmani Kaur	Dr Shakti Kumar Dr Vasundhara Singh	Water Quality studies of a Modern Industrial Town

15.	Monika Dhakla	Dr S K Verma	Study of behavior of compacting concrete
16.	Abhay	Dr S K Verma	Seismic behavior of framed buildings with infill walls
17.	Mohit Sachdeva	Dr S K Verma	Application of base isolation as a performance based earthquake resistant design method
18.	Paramvir Singh	Dr S K Verma	Study on properties of concrete incorporation used foundry sand
19.	Atul Garg	Dr S K Verma	Structural behavior of fibrous concrete using polypropylene fibers.
20.	Parveen	Dr S K Verma	Investigation on behavior of crumb modified concrete
21.	Madhur Gupta	Prof Sarita Singla	Strength and durability of high volume fly ash concrete containing polypropylene fibers
22.	Bhupinder Singh	Prof Sarita Singla	Experimental study on the effect of GGBFS on durability characterictes of concrete
23.	Deepankar Kumar	Prof Sarita Singla	Behavior of fly ash bricks
24.	Sachin Arora	Prof Sarita Singla	Behavior of bunker under blast loading and NIG III level forces
25.	Himanshu	Prof Sarita Singla	Optimization of design parameters for manufacturing Fly ash Sand Lime bricks
26.	Gurchetan Singh	Prof Roshan Lal	Behavior of tall chimeny's subjected to wind loading
27.	Sumeet Sharma	Prof Roshan Lal	An experimental investigation on structural behavior of beam column joints
28.	Pritam Singh Rawat	Prof Roshan Lal	Study on Structural behaviour of Fibre reinforced concrete opening corner joints
29.	Parth Pandit	Prof Roshan Lal	Study on reinforced concrete corner joints
30.	Varun Singla	Prof Roshan Lal	An investigation on structural behavior of SFRC Beams

### **Computer Engineering**

1.	Kunwar Pal	Dr. Sanjeev Sofat	Analysis of Secure OLSR routing protocol for MANETs
2.	Kush Kumar Jaiswal	Dr. Sanjeev Sofat	Secure and efficient hybrid wireless mesh routing protocol for 802.11s
3.	Piyush Pathak	Prof. Divya	Detecting Attacks at Multiple layers in IEEE 802.11 mesh network
4.	Rupinder Kaur Cheema	Dr. Sanjeev Sofat	Implementation and detection of DOS Attacks in wireless mesh network

5.	Sanchita Bhoot	Prof. Divya	Detecting Attack at a Single layer in IEEE 802.11 mesh network
6.	Tulsi Kr. Agarwal	Prof. Divya	An implementation of routing layer attacks in 802.11 based mesh network
7.	Karanveer Singh	Dr. Sanjeev Sofat Prof. Manavjeet	Multi biometric template security
8.	Deepak Pal	Prof. Shailendra Singh	DNA-Cryptography based approach of safe and secure transmission of messages
9.	Ruchi Mann	Prof. Shailendra Singh	RNA Secondary Structure Classification Using Modified BPN
10.	Vishal	Prof. Shailendra Singh	Identification of common motif of RNA sequences using genetic algorithms
11.	Nivit Gill	Prof. Shailendra Singh	Biological sequence matching using Boolean algebra & fuzzy logic: A comparative analysis
12.	Abhishek Gupta	Prof. Ajay Mittal	Obstacle detection in textural path for autonomous
13.	Manish Garg	Prof. Ajay Mittal	A color and texture based obstacle detection for recognizing sage traversable path
14.	Hargovind Sharma	Prof. Ajay Mittal Prof. Arvind	Fiscal Movement Detection
15.	Shivali Saxena	Prof. Ajay Mittal Prof. Arvind	A homography based technique for group plane estimation
16.	Khwairakpam Amitabh	Prof. Padmavati	An hexadecimal conversion technique to detect SQL injection attack using chi-square test
17.	Gyan Prakash Sagar	Prof. Padmavati Prof. Shailendra Singh	Analysis of computational models for biological sequencing and structure similarity
18.	Jeet Ghosh	Prof. Padmavati Prof. Manavjeet	A robust steganography method for secure biometric data

### **Electrical Engineering**

1.	Alok Sharma	Prof. K.K.Garg Prof. Rashmi Vikal	Design of multivariable output feedback and PID Controller for power and voltage regulation for SMIB system
2.	Rayes Ahmad Lone	Prof. S.K.Suman	Modeling and Analysis of Canal Drop Hydro Power Plant and Performance Enhancement using PID Controller
3.	Yogender Chauhan	Dr. Shiv Narayan Prof. Rashmi Vikal	Design of fixed structure robust controller for DC motor using evolutionary algorithm

4.	Pawan Kumar	Dr. Shiv Narayan Prof. Rashmi Vikal	Model order reduction using evolutionary algorithms and design of controllers
5.	Bhaskar Chetry	Dr. Shiv Narayan	Speed Control of DC Motor Using PI, PID, SMC and PISMIC Controllers
6.	Jiwanjot Singh	Dr. Jagdish Kumar	Voltage control in power system using PI robust controlled CMLI based STATCOM
7.	Vinod Kumar	Prof. Jagdish Kumar Prof. Loveleen Kaur	Reactive power control in two bus distribution system using FLC based CMLI STATCOM
8.	Abhinay Singh Chauhan	Prof. Raminder Kaur	Restructuring of Transmission System for Power Congestion Management
9.	Balvender Singh	Prof. Jaimala Gambhir	Improved and Effective Control of Doubly Fed Induction Generator for Wind Energy Conversion System
10.	Dixit Gupta	Prof. Jaimala Gambhir	Participation of Doubly Fed Induction Generator in Primary Frequency Regulation of Grid – A Case Study
11.	Manvendra Singh	Dr. Balwinder Singh & Dr.Rintu Khanna	Short-term power system load forecasting using Artificial Neural Network
12.	Kavita Sharma	Dr. Tarlochan Kaur	Determination of earth resistance of buried earth electrode and study its effect on the earthing system design
13.	Pradeep Kumar	Dr. Tarlochan Kaur Dr.Jagdish Kumar	Optimal location of SVC and STATCOM in long transmission line using particle swarm optimization technique
14.	Kamaldeep	Dr. Tarlochan Kaur	Simulation of Static Var Compensator and Voltage Control of Power Transmission System Using SVC
15.	Yogesh Roshan Kainse	Prof. Puneet Arora	Reactive Power output optimization in wind farm for improving the performance of distributed system
16.	Ashish Dutta	Dr. Balwinder Singh Prof. Rashmi Vikal	Design of Optimal variable structure controller and LQR controller for the investigation of small signal stability of SMIB power system using PSO
17.	Navdeep Singh	Dr. Rintu Khanna	Power System Stability Improvement through Energy Storage Type Statcom
18.	Gurtej Singh	Dr. Tilak Thakur	Improvement in Power Quality Using Hysteresis Controlled DVR

19.	Vivek Goyal	Prof. Sandeep Kaur	Technical Benefits of Optimal Placement of Distributed Generation in Distribution System
20.	Kuldeep S.Bedi	Dr. Tilak Thakur	Active & reactive power control of grid connected photovoltaic system using PWM
21.	Gagandeep Singh	Dr. Tilak Thakur	Study of DSTATCOM using ultra capacitor
22.	Jagpreet Singh	Prof. Sulata Bhandari	Modeling and simulation of multilevel inverter topologies for comparative performance analysis
23.	Rohit Kumar	Prof. Sulata Bhandari	Design and performance analysis of fuzzy logic based PSS controller applied to SMIB system
24.	Anshu Sharma	Dr. Shiv Narayan Dr. Balwinder Singh	Design of optimal controllers using swarm intelligence technique
25.	Suksham Goyal Dr. Balwinder Singh	Dr. Shiv Narayan	Design of fuzzy logic controller for speed control of DC motor
26.	Abhishek Aggarwal	Prof. Sandeep Kaur	Placement strategy for switches in power system with distributed generation

#### **Electronics & Electrical Communication Engineering (Electronics & EPDT)**

1.	Jatin Garg	Dr Neelu Jain	Face Recognition Using Eigenfaces Approach.
2.	Jai Parkash	Dr Neelu Jain Sh. Ajay Mudgil	Auto matic Gate Control System for Railway road Crossing
3.	Isha Dhawan	Dr. Neelu Jain	Integration Of Text Dependent Speaker & Speech Ricognition System.
4.	Komal Babbar	Prof Amita Soni	Performance Analysis Of Multiuser Detection Techniques For Ds-Cdma Signals
5.	Aparna Singh	Prof Jyoti Kedia	Design & Analysis Of High Speed Cmos Optical Receiver.
6.	Sachin Kumar	Prof Bipin Kaushal	Analysis Of Mobile Wimax Handover In Homogenous Wireless Network.
7.	Amrita Kaur	Prof V Rihani	Development Of Artificial Neural Network For Predicting The Response Of Chronic Myeloid Leukemia To Imatinib Mesylate.
8.	Ashwani Kumar Grain	Prof V Rihani	Grading Of Astrocytoma Tumor In Mr. Brain Image Using Artificial Neural Network.

9.	Narendra Pal Singh	Prof V Rihani	Mathematical Model Of Eye To Detect Glaucoma With The Help of Artificial Neural Network.
10.	Amit Tripathi	Prof V Rihni	Implementation Of Parallel, Serial And Mixed Pid Controller Based On Fpga And Their Comparison.
11.	Sushreesila Panigrahy	Dr N R Parkash	Low Power Arithmetic Logic Unit Design Using Cmos Gdi Logic
12.	Shrivishal Tripathi	Dr N R Parkash	Spectrum Utilization By Cognitive Radio Using Locally Optimal Detection Techniques.
13.	Naveen Kumar	Prof Jasbir Kaur	A Novel Routing Protocol For Energy Optiomization Of Wsns
13.	Ashish Sharma	Prof Jasbir Kaur	Comparative Analysis Of Dab In Awgn, Rayleigh And Rician Channel
14.	Lalit Kumar	Prof Nagendra Sah	Performance And Comparative Analysis Of Multicast Routing Protocols In Manets.
15.	Khushal Sharma	Prof Nagendra Sah	Simulation And Performance Comparison Of Unicasting Routing Protocols In Manets.
16.	Raj Bala	Prof Divya	Performance Analysis & Design Of Ftth-Bpon System Using Ofdm.
17.	Prashant Khanduri	Prof Divya	Performance Analysis & Design Of Mimo Wireless Communication
18.	Sarat Chandra	Prof Bipan Kaushal	Speech Quality Voip Networks
19.	Preety Singla	Dr Neena Gupta	Performance Analysis Of Free Space Optical Communication System With Improved Ocdma Pseudo-Orthogonal 2d Codes
20.	Dinesh Kumar	Dr Deepak Bagai	Proposed Model Of Mobile Phone Antenna To Reduse Radiation Hazards.
21.	Pradeep Singhal	Dr Neena Gupta	A Novel Technique For Security Enhancement In Static Wireless Sensor Networks.
22	Mohd Junaid Khan	Sh Dalip Kumar Prof. Nagendra Sah	Development Of Microcontroller Based Soil Tester & Analyzer.
23.	Raheem Khan	Sh Dalip Kumar Prof. Nagendra Sah	Controlling Of Irrigation Valves Through Mobile Phone Using GSM Modems

24.	Deepak Kumar	Sh Dalip Kumar Prof Jasbir Kaur	Hardware Implementation Of Residuel Approach On The Cluster Head Selection.
25.	Priyanka Pannu	Sh Mandeep Singh Prof Amita Soni	Design & Development Of Remote Field Monitoring System.
26.	Jasjeet Singh	Sh Mandeep Singh Dr. Deepak Bagai	Solar Power Inverter
27.	Ashish Agarwal	Sh Mandeep Singh Dr. Neena Gupta	Intelligent Helmet For Coal Miners
28.	Ashwani	Sh Mandeep Singh Prof Bipan Kaushal	Design Of Hydroponic Garden Automation & Monitoring
29.	Jai Parkash	Sh. Ajay Mudgil Dr Neelu Jain	Automatic Gate Control System For Railway Road Crossing
30	Ravinder Kumar	Sh. Ajay Mudgil Prof Rita Mahajan	Automatic Speed Braking System with IR Sensor
31.	Gagandeep	Sh. Ajay Mudgil Dr.Neena Gupta	Automatic Plantation System.
32.	Saket Arya	Sh. Ajay Mudgil Dr Neelu Jain	Design & Development Of Air Pollution Monitoring System Using Zigbee Technology.
33.	Praveen Kumar Singh	Sh Dalip Kumar Dr.Neelam Rup Prakash	Design & Development of Quantity Based Irrigation Schedule.
34.	Priyaranjan	Sh Dalip Kumar Dr. Deepak Bagai	Design & Development of Zigbee Based Soil Moisture Monitoring System.
35.	Roopinder Kaur	Sh Jaspal Singh Sh. Sukhwinder Singh	Vehicle Tracking & Device Controller
36.	Lalit Kumar	Sh Jaspal Singh Prof Divya	Design Of Green House Environment Monitoring System USING Zigbee Based AD-HOC Network.
37.	Luxmi Narain	Sh Jaspal Singh Prof V Rihani	Design & Development of Digital Weather Station with Wireless Transmission.
38.	Himanshu	Sh Jaspal Singh Prof V Rihani	Design & Development Of Electronic System For Measurement Of Weather Parameters.
39.	Sumit Mittal	Sh S P Sood Dr. Neelam Rup Parkash	A Line Follower Robot For Transport Application In Hospital Domain.

40.	Mohandeep Singh	Sh. Ajay Mudgil Prof Amita Soni	Design & Development Of Microcontroller Based Irrigation Scheduling.
41.	Robin Goel	Sh S P Sood Prof Jyoti Kedia	Intelligent Remote Messaging System Using Gsm.
42.	Ankur Gaur	Prof Sukhwinder Singh	A New Technique For Salt & Pepper Noise Removal.
43.	Gagandeep Kaur	Jayjee Dr Neena Gupta	Performance Analysis And Design Of All Optical Logic Gates Using Cross Gain Modulation (Xgm) Of Semiconductor Optical Amplifiers (Soas)

### **Information Technology**

1.	Sudheer Kumar Singh	Prof Alka Jindal	Analysis and improvement of location privacy in pervasive computing environment
2.	Mansi Hasija	Prof Alka Jindal	Analysis of watermarking techniques and proposal of a new technique
3.	Sandeep Mahapatra	Prof Rupali Syal	Pattern Evaluation of AES using Monte Carlo Test
4.	Sudhanshu	Prof Rupali Syal	Data Hiding in Images Using MATLAB
5.	Arun Kumar Gautam	Prof Rupali Syal	Image Encryption Using S_DES Based on Chaotic Map

### **Mechanical Engineering**

1.	Ankit Vashisht	Dr Alakesh Manna	“A study on Rotary electrode Electrochemical Machining of Al/SiC-MMC”
2.	Pranshu	Dr Alakesh Manna	“An Experimental study on Centrifugal Assisted Abrasive Rotary Drum Finishing of Al/Al <sub>2</sub> O <sub>3</sub> -MMC Cylindrical Surface”

### **Industrial Materials & Metallurgy**

1.	Harpal Singh	Dr Uma Batra	Synthesis of Magnesium Doped Nano HAP through Ultrasonic Coupled Sol-gel Route and Bioactivity Evaluation in Simulated Body Fluid
2.	Jasvinder Singh	Dr Uma Batra	Synthesis of Magnesium Doped Nano HAP through Sol-gel Route and Bioactivity Evaluation in Simulated Body Fluid

3.	Avtar Singh	Dr Uma Batra	Electrical Discharge Machining of Austempered Ductile Iron Optimization and Control of Electrical Parameters For Performance Improvement by DOE Approach
4.	Jaspreet Singh	Prof J D Sharma Dr Uma Batra	Analysis of Non conventional machine process of ADI
5.	JatinderPal Singh	Prof J D Sharma Dr Uma Batra	Machinability study of ADI
6.	Arshdeep Singh	Prof J D Sharma Dr Uma Batra	Wear resistance characteristics of ADI with varying austempering temperature
7.	Prashant Goel	Prof J D Sharma Dr Uma Batra	Variation of wear resistance of ADI at different time of austempering
8.	Amrinder Singh Chahal	Prof P Thareja	Competitive evaluation of Castability with and without simulation
9.	Atul Sharma	Prof P Thareja	Improving cycle time using value strain mapping in foundry

### **Production Engineering**

1.	Rohit Sharma	Dr Praveen Kalra	Simulation of Robotised MIG Operation using RobotStudio
2.	Rohit Sharma	Dr Praveen Kalra	Simulation of Robotised Gluing Operation using Robot Studio
3.	Anil Baweja	Dr Praveen Kalra	Optimisation of Process Parameters for Lifting Task in Industry
4.	Amninderdeep Singh	Dr Praveen Kalra	Work Injury Analysis in a Production Workcell using Simulation Approach
5.	Sukhninder Singh Sidhu	Dr Praveen Kalra	Identification of Mental and Muscle Fatigue in Industry
6.	Narendra Panwar	Prof M M Goud	An experimental study on cast aluminium 2014 composites reinforced with silicon carbide and fly particles
7.	Yashpa	Prof M M Goud	An experimental investigation of AA-Al <sub>2</sub> O <sub>3</sub> -fly ash composite produced by using stir casting method
8.	Deep Kanwar	Dr R S Walia	Study of Roller Burnishing Process Using FEM Modelling

9.	Mandeep Singh	Dr R S Walia	Design and development of Abrasive Flow Machining Setup
10.	Amninderdeep Singh	Dr R S Walia	Work Injury Analysis in a Production Work cell Using, Simulation Approach
11.	Anil Baweja	Dr R S Walia	Optimization of Process Parameters for Lifting Task in Industry
12.	Mohit Sharma	Dr R S Walia	Study of helical abrasive flow machining
13.	Sumit Mirg	Dr R S Walia	Study of centrifugal force assisted abrasive flow machining process
14.	Prince Sharma	Dr R S Walia	Numerical analysis of low-pressure cold spray process nozzles for optimal design
15.	Neeraj Kamboj	Dr R S Walia	Optimal availability analysis in Thermal Power Plant
16.	Harshit	Dr N M Suri	Development of flux and hard facing
17.	Mukesh	Dr N M Suri	Recycling of S.S. Flux
18.	Shivandra	Dr N M Suri	Effect of process parameters on bead geometry using S.S.Flux
19.	Gyanendra Singh	Dr N M Suri	Optimization of welding parameters & their influence on the characteristics of resistance spot welding of 304 austenitic stainless steel
20.	Amit Sharma	Dr R M Belokar	Value Analysis Of Concealed Flush Valve
21.	Harmanjeet Singh	Dr R M Belokar	Master Production Schedule In A Manufacturing Industry
22.	Parvesh Kr Rajvanshi	Dr R M Belokar	Process Capability Study In A Manufacturing Industry
23.	Shivinder Singh	Prof Rahul O. Vaishya	Development Of Al6063-Sic Mmc Using Stir Casting Process Metal Matrix Composite Characterisation Of Aluminum-Fly Ash Composite Using Stir Casting Method

## M.E. THESIS (2012)

<b>S. No.</b>	<b>Name of Candidate</b>	<b>Guide</b>	<b>Title of Thesis</b>
<b>Civil Engineering</b>			
1.	Avani Chopra	Tripta Goyal	Analysis of Disputes Settlement in Highway Projects (Case Studies)
2.	Navdeep Singh	Tripta Goyal	Justification of a Bypass on State Highway Kotla-Ranital section
3.	Gurpreet Singh	Tripta Goyal	Feasibility of Flyover on Major Intersections of Moga at NH-95
4.	Isha	S.K. Sharma	Electro-Chemical Treatment of Industrial Wastes
5.	Deepinder Singh	S.K. Sharma	Effect of surface water pollution on groundwater: A case study
6.	Gursimran Singh	S.K. Sharma	Effect of polluted surface water on groundwater: A case study on Budha Nallah
7.	Gurmanwant Kaur	S.K. Sharma	Ground Water Pollution by Polluted Surface Water
8.	Kanika	S.K. Sharma	Effect of Surface Water Pollution on Groundwater: A case study of N-choe (Punjab)
9.	Sanket Sharma	Sarita Singla	Experimental study as the Mechanical properties and Permeability of pervious concrete
10.	Taranjeet Kaur	Sarita Singla	Behaviour of RCC Tall Building Subjected to Wind Loads
11.	Navdeep Soni	Sarita Singla	Soil Structure Interaction Effect on An Asymmetric Multistoried building with Shear Walls
12.	Chabi Gupta	Roshan Lal	Study on Reinforced Concrete Corner Joints Containing Steel Fibers
13.	Gagandeep Singh	Roshan Lal	A Comparative Study on Steel Truss Bridges
14.	Deepak Singla	Roshan Lal	A Comparative Study on Reinforced Concrete Bridges using Grillage Analogy
15.	Manoj Kumar	Roshan Lal	Finite Element Analysis of Reinforced Concrete Framed Corner Joints

16.	Arashdeep Singh	Roshan Lal	A Comparative Study on effect of Shear Walls on Seismic Behaviour of R.C. Framed Buildings
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### Computer Science & Engineering

1.	Abhay Sharma	Prof. Ajay Mittal	Vibro-Tactile representation of Obstacles in Stereo Vision based ETA systems
2.	Alka Mittal	Dr. Divya Bansal	Modelling of Attacks in Vehicular Ad Hoc Network
3.	Amar Mandal	Prof. Rupali Syal	Performance Analysis of Modular Multiplication
4.	Ankita Jiwan	Dr. Shailendra Singh	Identification of Pseudoknots in RNA sequences using Learning Grammar Modal (LGM)
5.	Arjun Bedi	Dr. Divya Bansal	An approach for the lawful Interception of audio communication of Skype application on Windows Platform
6.	Avinash Verma	Dr. Divya Bansal	Modelling Information Security Risk Assessment Framework
7.	Deepak Singla	Prof. Rupali Syal	Encrypted text steganography in Images
8.	Dilpreet Kaur	Dr. Shailendra Singh	Recurrent Neural Network based Classification of Protein -Protein Interactions
9.	Hirdesh Kumar	Prof. Padmavati	Face Recognition by using SIFT for varying condition by using different matching methods
10.	Mohit Tyagi	Prof. Ajay Mittal	Motion Based Obstacles Detection using Optical Flow
11.	Mridu Gupta	Dr. Shailendra Singh	Genetic Algorithm based optimizationn of Distance Matrix for Reliable Phylogenetic Tree Construction
12.	Prashant Manohar	Dr. Shailendra Singh	Refinement of Parameter of Fuzzy Charateristics Function for Protein Sequence Alignment
13.	Pratibha Sharma	Dr. Divya Bansal	Establishing Trust in Identity Management for Cloud Environment
14.	Rahul Prakash	Prof. Padmavati	Face Recognition by using Binary-SIFT algorithm and Performance Evaluation in Comparison with STFT

15.	Richa Chhabra	Dr. Sanjeev Sofat	Coarse Grain Parallelization of AES using MPICH2 and Performance Analysis on Windows Clusters
16.	Saket Bhardwaj	Prof. Ajay Mittal	Color Edge Detection in Perceptually Uniform CIE-Lab Color Space
17.	Sanjay Gulati	Dr. Divya Bansal	Fast Force Attack: A faster brute force password cracking attack
18.	Savina	Dr. Sanjeev Sofat	An Energy Efficient Routing Algorithm using cross layer approach for wireless sensor networks
19.	Sunil Kumar	Prof. Padmavati	Performance Analysis of modified STFT and Performance Comparison of modified STFT, STFT and FFT
20.	Suryakant Singh	Prof. Ajay Mittal	Feature based Obstacle Detection using Phase-Based Correspondence Matching and Image Declivity
21.	Tanvi	Dr. Sanjeev Sofat	Cross Attack: A Modified and Improved Dictionary based Password Cracking Attack
22.	Monika Goyal	Prof. Arvind Kakria Sh. Sanjay Batish	Effective Routing Protocol for Vehicular Ad hoc Network
23.	Manmohan Singh	Prof. Navdeep Kaur	A Robust method for hiding Data in Images by Maintaining Image Quality
24.	Vikas Sagar	Prof. Rupali Syal	Performance Analysis of Sliding Window Modular Exponentiation Methods
25.	Mamta Sharma	Prof. Ajay Mittal	Disparity Calculation based on Region Segmentation
26.	Supreet Kaur Gill	Prof. Manjeet Kaur	Fingerprint Biometric Template Security using Fuzzy Vault
27.	Dhriti	Prof. Manjeet Kaur	Multimodal Biometric Feature Level Fusion using Face and Fingerprint
28.	Aparna Sharma	Prof. Manjeet Kaur	Fingerprint Template Security using Hashing

### **Electrical Engineering**

1.	Pavan Kumar Penchala	Prof. Jaimala Gambhir	Design of self tuned PI controllers for DFIG Based Wind Farm in a Smart Grid
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2.	Mukul Nakra	Prof. Raminder Kaur	Transmission expansion planning with wind farms in deregulated environment
3.	Yogesh Kumar	Prof. Loveleen Kaur	Transient analysis of self-excited induction generator with electronic load controller (ELC) supplying single phase load
4.	Sandeep Kakran	Dr. Tarlochan Kaur	Transient stability improvement of long transmission line by using SVC and to study effect of it's location
5.	Mohammed Israfil	Prof. Sulata Bhandari	Design and performance analysis of pitch controller circuit of wind turbine
6.	Mohd. Shoeb Mohiuddin	Prof. Sulata Bhandari	Peformance analysis of fuzzy logic based speed control of separately excited DC motor
7.	Varun Kumar	Prof. Puneet Arora	Optimal load shedding for voltage stability enhancement
8.	Aeidapu Mahesh	Dr. Balwinder Singh	Vector control of induction motor using artificial neural network based on pso algorithm.
9.	Manish Gupta	Dr. Balwinder Singh	Sizing and placement of capacitor for loss minimization in distribution system by Tabu Search.
10.	Himanshu	Dr. Rintu Khanna	Voltage stabilization of wind power using sliding mode control technique.
11.	Sharad Kumar Pandey	Dr. Rintu Khanna	Optimal location and sizing of STATCOM in power system using particle swarm optimization.
12.	Amit Pathria	Dr. Shiv Narayan	Design and Analysis of robust controller in two degree of freedom configuration.
13.	Mohit Kumar	Dr. Shiv Narayan	H-infinity based design ad analysis of robust control & system.
14.	Shailendra Kumar Gupta	Dr. Tilak Thakur	Enhancement the dynamic performance of micro induction generator in micro generation using smart controller
15.	Suvrat Bhatt	Prof. S.K.Suman	Strategies for placing PMUs and benefits gained in state estimation
16.	Uma Shankar	Prof. K.K.Garg	Comparison of various methods for tunning PID parameters

17.	Yatish Choudhary	Prof. Rashmi Vikal	A neural network based power system stabilizer for the stability analysis of SMIB power system
18.	Parvesh Gupta	Dr. Gurnam Singh	Evolving fuzzy logic speed controller for high performance induction motor drive

### **Electronics & Electrical Communication Engineering (Electronics & EPDT)**

1.	Manoj Kumar Meena	Dr. Neelam R Prakash	ARM-9 Better option over ARM-7 for low power serial communication naval applications
2.	Amit Laddi	Prof. Jasbir Kaur	Machine vision based sorting and grading of Indian black tea
3.	Vipan Gupta	Prof. Rita Mahajan	Design & development of wireless anti spooling device for measuring heart rate, blood oxygen concentration
4.	Anurag Bansal	Prof. Rita Mahajan	Spectrum sensing management and mobility in cognitive radio system using energy detection
5.	Amandeep	Prof. Bipan Kaushal	MATLAB based physical signal processing and graphical plotting using PC
6.	Varun Goyal	Prof. Divya	Design & Implementation of Virtual Fencing using RF module
7.	Vikram Mehta	Dr. Neena Gupta	Analysis of QOS parameter using AODV Protocol and implementation of ANFIS in WI max Networks
8.	Deepti Punjabi	Dr. Neena Gupta	A novel design of Green next generation GPON network using boosting tree classification and regression control
9.	Prabhmandeep Kaur	Prof. Divya	Design and comparative analysis of LDPC coded Optical Communication system
10.	Vandana Kumari	Prof. Divya	Performance Analysis of 160 GB/s PM QPSK System with EDFA and Raman amplification
11.	Rishabh Garg	Prof. Jyoti Kedia	Behavioral modeling of STT_MTJ and design of MTJ based rules
12.	Prabhat Shukhla	Prof. Jasbir Kaur	Performance analysis of Array, Wallace and Booth Multipliers
13.	Naveen Kumar Gahlan	Prof. Jasbir Kaur	Optimization of speed using compressors

14.	Mohit Kumar Goel	Prof. Neelu Jain	Visual Cryptographic Stanograph
15.	Dushyant Singh	Prof. Neelu Jain	Modified SIFT based fingerprint recognition system
16.	Sanjeev Kumar	Dr. Amita Soni	Design and analysis of post coded MIMO OFDM systems
17.	Dhanajay	Dr. Amita Soni	An improved parametric approach using channel sensing and Kalman filter for CDMA Communication system.
18.	Anurag Bansal	Prof. Rita Mahajan	Spectrum Sensing management and mobility in cognitive radio using Energy detection
19.	Mahesh Kumar	Prof. Sukhvinder Singh	Edge detection and denoising of Medical Images using Morphology
20.	Harish Kr Aggarwal	Prof. Bipin Kauhal	Simulation and performance comparison of reactive proactive and Hybrid routing protocols in MANETS
21.	Anuj Aggarwal	Prof. Nagendra Sah	Predicting the suitable parameters of indoor propagation model using CSP algorithm
22.	Arvind Hooda	Prof. Nagendra Sah	Analysis and optimization of parameters for minimum path loss in underground tunnels CSP
23.	Jitender Singh	Dr. Deepak Bagai	Improved Algorithm for face recognition
24.	Rohit Heera	Dr. Deepak Bagai	Forecasting of computer waste generation in India
25.	Tejinder Sheoran	Sh Dilip Kumar Neelam R Prakash	Design and development for Green house Dr. parameters monitoring and controlling system
26.	Kanwaljeet Singh	Sh. Mandeep Singh Dr. Neena Gupta	Design and implementation of cell phone deflection based line followers robot
27.	Anup Aggarwal	Sh. Jaspal Singh Dr. Neelu Jain	Visual Stethoscope
28.	Rajesh Pathak	Sh. Jaspal Singh Dr. Deepak Bagai	Microcontroller based Programmable anesthesia drug delivering machine
29.	Neeraj Kumar Sharma	Sh. Jaspal Singh Prof. Sukhvinder Singh	Design and development of a microwave resonator type blood glucose sensor
30.	Deepak Kumar	Sh. Jaspal Singh Prof. Bipin Kaushal	DTMF based multipurpose robotic security system

31.	Kunal Maurya	Sh. Mandeep Singh Dr. Neelu Jain	Real time vehicle tracking system using GSM and GPS technology.
32.	Vipin Gupta	Sh. Mandeep Singh Prof. Rita Mahajan	Design and development of anti spoofing device for measurement of heart rate.
33.	Deepak Punetha	Sh. Mandeep Singh Prof Divya	Feasibility of a GSM based module based wireless vehicle accident detection and alert systems
34.	Sanjeev Kumar	Sh. Vikas Goel Prof. Nagendra Sah	Design and development of RFID based highway toll tax collection system
35.	Vikas Gupta	Sh. Vikas Goel Prof. Jasbir Kaur	Design and development of interfacing mechanism for thermal Printer and software driver
36.	Somvir	Sh. Vikas Goel Dr. Amita Soni	Design of voice operated vault
37.	Ravi Ranjan	Sh. Vikas Goel Dr. Deepak Bagai	Intelligent Electronics Talking Blind Stick (IETBS)
38.	Kesri Nandan	Sh. Dilip Kumar Dr. Neelam Rup Prakash	An autonomous vehicle forming using GPS
39.	Praveen Kumar	Sh. Ajay Mudgil Prof. Nagendra Sah	Voice operated fire extinguisher system.
40.	Amandeep	Sh. Ajay Mudgil Prof. Bipin Kaushal	Matlab based physical signal processing and graphical plotter.
41.	Ishan Khuarana	Sh. Ajay Mudgil Prof. Jasbir kaur	Design and development of Wireless sensor network using Zigbee.
42.	Varun Goyal	Sh. Ajay Mudgil Prof. Divya	Design and implementation of virtual fencing using RF module.
43.	Anil Kakran	Sh. Ajay Mudgil Prof Rita Mahajan	Machine vision based Automated object Sorter using digital Image Processor.
44.	Shubhanshu Gupta	Sh. Ajay Mudgil Dr.Amita Soni	Design and implementation of GSM based Green house Plant growth Monitoring system.
45.	Devender Ahlawat	Sh. Dilip Kumar Dr. Neena Gupta	Design and Development of Single and Multiple output Switch Mode Power Supply
46.	Abhinandan Jain	Sh. Dilip Kumar Prof. Jyoti Kedia	Design and development of GSM based Automatic Energy meters reading systems

## **Mechanical Engineering**

1.	Arvind Kulshri	Dr. S.K. Mangal	Study and Analysis of Magneto Rheological Fluid Clutch
2.	Daman Vir Singh	Dr. D.R. Prajapati	An Experimental Study on the Optimization Wheel Manufacturing Process by Using Taguchi Methodology
3.	Karan Jain	Prof. Rajesh Kumar	Thermal Management Solution for Low Volume Complex Electronic Systems
4.	Ajay Pal Singh	Prof. Rajesh Kumar	Quantities Analysis of Musculoskeletal Disorders and work Cycle Design for Low Load High Frequency Grinding Job in Delmia Human
5.	Eshan Gupta	Dr. Arun K Lall	Study of Pressure, Velocity and Temperature Distribution Among Single and Multiple Parallel Microchannels
6.	Gurpreet Singh	Dr D. R. Prajapati	Study of fuel efficiencies by blending with other Sudan fuels using computerized variable compression ratio multifuel engine test rig.
7.	Mandeep Singh	Dr. Perminderjit Singh	Effect of Thermal Power Plants on Environment
8.	Mukesh Kumar	Dr. Arun K. Lall	Comparison of newly developed shearography with nondestruction evaluation methodologies for the inspection of helicopter tail blade rotar
9.	Nipun Kansal	Dr. Sushant Samir	Resolution of Unequal Braking Force for Precision Stopping of Heavy Commercial Vehicle
10.	Nitin Kapoor	Dr. S.K. Mangal	Analysis of Steady State Creep In Functionally Graded Rotating Cylinder
11.	Robin Goel	Dr. Alakesh Manna	A Study on Welding of Cast Hybrid Al/(Sic+Gr) – MMC
12.	Sachin Gogia	Dr. Alakesh Manna	An Experimental Investigation on EDM on Cast Hybrid Al/(Sic+Gr) – MMC
13.	Sameer Kumar Angaria	Dr. Sushant Samir	Study of Thermal Response of the Model of Seminar Rook to Varied Occupancy Pattern for different Month
14.	Somvir Singh	Dr. Sanjeev Kumar	Thermal Effect of Aluminum, Brass and Titanium Tool Electrodes in EDM Process

15.	Pardeep Singh	Dr. Perminderjit Singh	To Study the Effect of Cement Industry on Environment
16.	Maninder Singh	Dr. Sanjeev Kumar	Thermal Stress Analysis of Brass and Nichrome Tool electrodes in Wire EDM
17.	Amarinder Singh	Prof. Rajesh Kumar	An Ergonomic Analysis and Work Cycle Design of the Grinding Task in an Industry Using OCRA
18.	Amandeep Sharma	Dr. Arun K Lall	To Study the Modeling Analysis and Design of MEMS Gyroscope

### **Industrial Materials & Metallurgy Engineering**

1.	Navjot Singh	Dr. Uma Batra	Merchantability Study of Autempered Ductile
2.	Ankit Dua	Dr. Uma Batra	Capping Agent Assisted Synthesis And Mechanism of Nanoized Magnesium Doped Hydroxyapatite
3.	Navdeep Singh	Dr. Uma Batra	Effect of Postweld Heat Treatment on Microstructure and Hardness of GTAW Weldment between P22 and P91 Steels
4.	Manish Sharma	Dr. Uma Batra	Nanocrystalline Hydroxyapatite doped with Magnesium Synthesis and Mechanism Study
5.	Jagat Upadhyay	Dr. Uma Batra	Synthesis and Characterization of Strontium Doped Brushite Cement
6.	Jagjot Singh	Prof. J D Sharma	Challenges in Casting of Chill Rolls for Rolling Mills and Their Remedies
7.	Devender Kumar	Prof. J D Sharma	Influence of Austempering Time of Kinetics & Volume Fraction of Retained Austenite In Unalloyed And Alloyed Austempered Ductile Iron
8.	Sahil Sharma	Prof. J D Sharma	Influence of Austenitizing Temperature on Mechanical Properties of ADI
9.	Sunny Puri	Prof. J D Sharma	Effect of Austempering Temperature On Machinability of Austempered Ductile Iron
10.	Ravi Kumar	Prof. J D Sharma	Development of wear and mechanical properties of ADI with the help of two step austempering process
11.	Vikasdeep Singh Mann	Prof.P.Thareja	Lean mean green manufacturing through value stream mapping

12.	Ramandeep Singh	Prof.P.Thareja	Simulation of failure analysis of connecting rod
13.	Sahijpal Singh	Prof.P.Thareja	To study the wear behaviour of hardfacing alloys on tensile steel EN14B used in agricultural tools.
14.	Handip Singh	Prof.P.Thareja	Friction stir welding of dissimilar Aluminium alloys AA-5083/6063, Mechanical properties and Microstructural Evaluarion
15.	Hem Raj	Prof.P.Thareja	Defect Abatment in automobile wheel manufacturng: DMAIC Journey
16.	Harkamal Preet Singh	Prof.P.Thareja	Experimental investigation of wear and corrosion on Al/Al203-MMC

### **Production Engineering**

1.	Ajay Singh Verma	Dr. N M Suri Dr.Suman Kant	Effect of process parameter of AL -6063 based flyash composites using taguchiand artificial nural network
2.	Amanpreet Singh	Prof.M.M.Goud Dr. Suman Kant	Study of effect of outlet positions on intermixing in a six stand billet caster tundish
3.	Gundeep Singh	Dr.R.M.Belokar	Implimentation of lean manufacturing in spur gear production
4.	Gurmeet Singh	Dr.N.M.Suri	Optimization of process parameters by evaluating mechanical 2easibil of friction stir werlded joint on AA6070
5.	Harpreet Singh	Dr.P.Kalra	Study of handle position of box during manual lifting task
6.	Jagroop Singh	Dr.P.Kalra Dr.R.S.Walia	Psychophysical evaluation of maximum acceptable weight of lift by 2easib experienced male workers
7.	Kishore Kumar	Dr.R.S.Walia	Helical abrasive flow machining for finishing of different materials
8.	Kuljit Singh	Dr.P.Kalra Dr.R.S.Walia	Study on the testing satisfaction of Indian mobile phone users
9.	Nikhilesh Singh	Dr.R.M.Belokar Dr.R.S.Walia	Physiological evaluation of manual lifting tasks on Indian male workers

10.	Sandeep Singh Kharb	Dr.R.M.Belokar	An application of value stream mapping in automobile industry – a case study
11.	Sudhir	Dr.R.M.Belokar	Restructuring manufacturing process using matrix method
12.	Vikas Kumar	Dr.R.M.Belokar	Transformation of an org. into a lean organization through value stream mapping
13.	Vikas Kumar	Prof. R.O.Vaishya	Experimental investigation for robust centrifugal force assisted abrasive flow machining
14.	Yashveer	Dr.R.M.Belokar	Optimization of time by elimination of unproductive activities through MOST
15.	Virender Singh	Dr.N.M.Suri	Development of SAW fluxes for HSLA and analysis of effects of welding parameters on mechanical properties
16.	Lalit Ahuja	Dr.R.S.Walia Dr. Suman Kant	Study of helical abrasive flow machining process usinig 3easibilit neural network

## M.E. THESIS (2013)

S. No.	Name of Candidate	Guide	Title of Thesis
<b>Civil Engineering</b>			
1.	Navpreet Soni	S.K Singh Rajesh Kumar	Soil-Structure interaction effect on an asymmetric R.C building with shear walls
2.	Amrinder Singh	S.K Singh	Potential use of recycled aggregate
3.	Saurav Puri	S.K Singh	Numerical modeling and analysis of piled raft foundation
4.	Esha Thakur	S.K Singh Sarita Singla	Feasibility study for use of scrap rubber tyre aggregate as a partial replacement of natural aggregate in concrete
5.	Kuldeep Kumar	Roshan Lal	Investigations on strength characteristics of concrete containing Recycled Aggregates of Marble and Granite waste
6.	Ishan	Roshan Lal	Effect of openings in shear walls on seismic response of RC Framed
7.	Vishal Bhardwaj	Roshan Lal	An Experimental Investigation on self compacting fibrous concrete
8.	Nipun Syal	Roshan Lal	Retrofitting of RCC Beams using carbon fiber Reinforced Polymer and ferro cement
9.	Akshit Chandel	Roshan Lal Sarita Singla	Acceleration Response Spectrum Generation for Blast loading Applied to Single and Generalized Freedom System
10	Arvind-	Dr. R.R. Singh	“Scope of use of coal tar and development of expert system for tar coal sealer”.
11.	Neeraj-	Dr. R.R. Singh	Strength of studies of “cement and crumbed rubber mix fly ash”
12.	Chirag Bansal	Dr. R.R. Singh	“Signalization review junction 42 in Chandigarh”.
13.	Sherry Verma	Dr. R.R. Singh	“Retro finding of old existing structure and cost of old with new”

14.	Ms. Abha Gupta-	Dr. R.R. Singh	“Analysis of earth quake damaged RCC Structure using various retrofiting materials and techniques.”
15	Jatin Anand	Tripta Goyal	Feasibility Study of BRT Corridors in Chandigarh
16.	Loveneet Singh	Tripta Goyal	Justification for signalization of a Congested Roundabout – A case study of Bathinda
17.	Prateek Singh	Dr Siby John Dr Vasundhara Singh	Treatment of Petroleum Aromatic Hydrocarbons contaminated wastewater by Advanced Oxidation Process, 2013
18.	Manmohit Singh	Dr Siby John	E-waste Inventory and Risk Assessment, 2013
19.	Rupinder Kumar	Dr Umesh Sharma	Comparision Study between Conventional Plastic and Rubber Modified Bituminous Mixes
20.	Tejinder Singh	Dr Umesh Sharma	Strengthening of Subgrade by using RBI Grade-81: A Case Study

### **Computer Science & Engineering**

1.	Parmod K. Kalia	Dr. Sanjeev Sofat Dr. Divya Bansal	Cloud Computing & Privacy Regulations :Issues & Regulations
2.	Abhishek	Dr. Shailendra Singh	A Gene regulatory Network Prediction Method using PSO and GA
3.	Aakashdeep Singh Sarin	Dr. Trilok Chand	A Hybrid Protocol for Achieving Reliability in Wireless Sensor Networks
4.	Devan thakur	Dr. Sanjeev Sofat/ Dr. Sanjay Batish	A border node preference routing protocol for Vanet
5.	Harmandeep Singh	Dr. Sanjeev Sofat Dr Sanjay Batish	Enhancement Unicast routing protocol for Vanet
6.	Hitesh Garg	Prof. Alka Jindal	Thyroid Segmentation in Ultrasound images using FF Neural Network
7.	Kritika Gupta	Dr. Shailendra Singh	Encryption & Authentication based on DMA Syst
8.	Pankaj Tanwar	Dr. Divya Bansal	Risk Management Methodology Based of Quantitative Analysis Using Regression Technique for Risk Prediction
9.	Priyanka Sharma	Prof. Manjeet Kaur	Multimodal Biometric Features Level Fusion of Face, Fingerprint and Palm with SVM Classifier

10.	Rahul Hooda	Prof. Mananjeet Kaur	Enhanced Fingerprint Fuzzy Vault
11.	Rahul Sharma	Prof. Padmavati	Performance Analysis of reactive routing protocols in Vanet
12.	Ritu	Dr. Shailendra Singh	Automatic Detection of Liver and Tumer in CT images using optimal feature based Neural Network
3.	Shubham Gupta	Dr. Divya Bansal	A Cryptographic treatment to Secure Cloud Dbaas
14.	Sonam Bansal	Prof. Ajay Mittal	Computer Aided Bone Tumor segmentation using X-ray images
15.	Sukhwinder Singh	Prof. Rupali Syal	Secure Model to control automation in Data Mining
16.	Sumit Kumar	Dr. Shailendra Singh	Phylogenetic Tree construction using spanning tree appro
17.	Tarun Garg	Prof. Navdeep Kaur	Application Virtualization: A Cloud Based Alternative for Mobile Computing in resources constraint environment of Mobile Devices
18.	Tripti	Dr. Shailendra Singh	Splice site detection in DNA sequences using neural network
19.	Varun Singla	Prof. Padmavati	Performance Analysis of routing protocols in Vanet
20.	Yadraj Meena	Prof. Ajay Mittal	Surface defect detection on ceramic tile for quality control
21.	Tarun lohia	Prof. Ajay Mittal	Quantitative evaluation and analysis of image segmentation techniques
22.	Yash gupta	Dr. Divya Bansal	Bivariate Classifications of Malware in JavaScript using Dynamic Analysis
3.	Geetika	Prof. Mananjeet Kaur	Multimodal based Fuzzy Vault using Iris, Retina and Fingervein
24.	Ravi Prakash	Dr. Trilok Chand	Multi Parameter Single Threshold based Load Balancing Algorithm for Cloud Computing Systems
25.	Dheeraj Sinhmar	Prof. Ajay Mittal	Vehicle License plate localization and recognition
26.	Kamal Kumar	Prof. Rupali Syal	Analysis of Decision tree algorithm in Data Mining

27.	Kamalpreet Singh	Dr. Divya Bansal	Analyzing PCAP traffic files using Hadoop
28.	Kirandeep Kaur	Dr. Divya Bansal	Security vulnerabilities in SAML based single sign-on authentication in cloud
29.	Bhavini Gautam	Dr. Trilok Chand	Enhanced Event Triggered Localization Algorithm for Mobile Wireless Sensor Networks
30.	Kirti	Dr. Ajay Mittal	Automatic Noise Identification using GLCM Properties
31.	Monika Garg	Dr. Sanjeev Sofat	Predicting Trust in twitter based on PRM
32.	Nayandeep Sran	Prof. Navdeep Kaur	Zero Proof Authentication & Cost Efficient Load Balancing Algorithm for Dynamic Cloud Environment
33.	Neha Doda	Dr. Sanjeev Sofat	Detecting malicious users in twitter
34.	Ravinder Kaur	Dr. Trilok Chand	Performance Evaluation and comparison of multipath routing protocols for mobile wireless sensor networks
35.	Richa Jain	Dr. Trilok Chand	Study and analysis of contention based and TDMA based MAC Protocols for wireless sensor networks
36.	Sahil Gupta	Prof. Manjeet Kaur	Meliorating fingerprint fuzzy vault using polynomial
37.	Sonia	Prof. Padmavati	Performance Analysis of blackhole attack on Vanet reactive routing Protocol
38.	Sumita Nagah	Prof. Arvind Kakria	Performance Evaluation of MAC protocols for wireless sensor networks
39.	Vimmi Malhotra	Prof. Lalit	QoS based Analysis of IEEE 802.11 & 802.16 integrated networks
40.	Ankita Gupta	Dr. Sanjeev Sofat	Secure model to control automation in data mining
41.	Lalit Goel	Prof. Arvind Kakria	An Improvesd S-Mac Protocol with modified scheduling and parallel transmission for Wireless Sensor networks

### **Electrical Engineering**

1.	Parvesh Kumar	Dr. Shiv Narayan	Design of PID Controller Using Multiobjective Optimization with Genetic Algorithm.
2.	Ravi Chaudhary	Dr. Shiv Narayan	Optimization Based Controller Design for Dead Time Systems

3.	Devender Kumar	Dr. Balwinder Singh	Transient Stability Using Artificial Neural Network Under Different Type Of Fault
4.	Mukta Gaur	Dr. Balwinder Singh	Grid Stability Enhancement Through Fuzzy Logic Controlled Of HVDC In Deregulated Environment
5.	Manoj Kumar	Prof. S. K. Suman	To Enhance Reliability Of Supplying Local Loads By Integrating Renewable Energy Sources
6.	Mudit Jaithalia	Dr. Tarlochan Kaur	Integration And Optimization Of Renewable Energy Sources In Hybrid Power Systems
7.	Mukul Gaur	Prof. Sulata Bhandari	Robust Stability Design Of PID Controllers For Transfer Function With Time Delay
8.	Sachin Goyal	Prof. Sulata Bhandari	A Fuzzy-PID Pitch Controller For An Adjustable Pitch Wind Turbine
9.	Parag lal	Prof. K.K.Garg	Anti Windup PID Controller With Integral State Predictor For Variable Speed Motor Drives
10.	Rahul Kataria	Prof. K.K.Garg	An Intelligent PID-PSO Controller For Dc Motor Drive
11.	Nishantq	Dr. Jagdish Kumar	Optimized Harmonic Elimination Technique for CMLI with Unequal DC Sources
12.	Prabhu Omer	Dr. Jagdish Kumar Dr. Balwinder Singh	Comparison Of Modulation Strategies For Cascaded MLI.
13.	Arvind Kumar Yadav	Dr. Jagdish Kumar	Performance Analysis Of Cascaded Multi-Level Converters as STATCOM.
14.	Anil Kumar	Dr. Jagdish Kumar	Control Of Harmonics In Cascaded Multi-Level Inverter Using Neural Network
15.	Vinita Vasundhara	Dr. Rintu Khanna	Power Quality Enhancement By UPQC Using Intelligent Control
16.	Himanshu Batra	Dr. Rintu Khanna	Improvement In The Performance Of AC/DC Systems Using SMES Unit
17.	Mohit Baliyan	Prof. Puneet Arora	Estimation Of Voltage Stability Margin Using Coupled Single Port Network For Multi Load Power System
18.	Varun Kumar	Prof. Puneet Arora	Optimal load shedding for voltage stability enhancement

19.	Inderjit Singh	Prof. Puneet Arora	Steady State Voltage Stability Analysis Using PQ Curve.
20.	Himanshu Verma	Prof. Jaimala Gambhir	Wind Energy Integration with Grid Using Energy Storage
21.	VVSNL Surendra N	Prof. Jaimala Gambhir	Modeling of DFIG Wind Energy System Using Power Transfer Matrix and Fault Analysis.
22.	Ram Mohan Rao Makineni	Prof. Loveleen Kaur	Design of IGBT Based Cascaded Multi-Level Converter In Traction Drive
23.	Birender Singh Bhoria	Prof. Loveleen Kaur	Impact Of Distributed Generation on Power Losses of Distribution Networks.
24.	Jagdeep Sheoran	Prof. Raminder Kaur	Transmission Planning Of Renewable Energy Sources In Deregulated Environment
25.	Arvind Goswami	Prof. Raminder Kaur & Dr. Jagdish Kumar	To Develop A Multi-Level Inverter System With Parameter Control Through PC Interface
26.	Santosh Kumar P.	Dr. Gurnam Singh	Flying Capacitor Multi-Level Inverter Based SSSC on Transmission Lines
27	Nagendra Bhaskar C.	Dr. Tilak Thakur	Power Quality Improvement Using Cascaded H Bridge Multilevel Inverter Based D STATCOM.
28.	T. Karthik Chandra	Dr. Tilak Thakur	Current Source Inverter Based Electric Propulsion Drives Using Vector Control

### **Electronics & Electrical Communication Engineering (Electronics & EPDT)**

1.	Surbhi	Dr. Neena Gupta	A novel design of all optical logic gates using DM Solutions
2.	Nimisha Bhardwaj	Dr. Neena Gupta	Automatic Gain Control of Erbium doped fiber amplifier using fuzzy logic controller
3.	Anil Goyal	Dr. Deepak Bagai	An Improved Method of Cell to Switch Assignment in Cellular Communication Networks
4.	Shiv Krishan Joshi	Dr. Deepak Bagai	Cyclostationary Based Spectrum Sensing Using Spectral Correction Function in Cognitive Radio
5.	Umesh Goyal	Dr. Neelam Rup Prakash	Design And Development Of M1000 Board For Power Management Systems At Telecom Cell Sites

6.	Akash	Dr. Neelam Rup Prakash	Low Power Alu Design Using Clock Gating
7.	Ashish Kashyap	Dr. Neelu Jain	Design and development of power management controller and craft terminal using 32 bit micro controllers
8.	Arun Navaria	Dr. Neelu Jain	Denoising and feature extraction of ECG signal using discrete wavelet transform
9.	Gaurav Khurana	Nagendra Sah	Design and implementation of AC interface card and remote monitoring of electrical parameters using Modbus protocol
10.	Sudhir Kant	Nagendra Sah	Performance Analysis of Mesh Based (ODMRP) Multicasting Routing Protocol
11.	Mandeep Singh	Jasbir Kaur	Comparison of Modified Multiplier Using Various Adders
12.	Kavita Saharan	Jasbir Kaur	Design and Implementation of Array, Wallace, Booth Modified Booth and Vedic Multiplier Using VHDL
13.	Naveen Kumar Gupta	Divya	Physical Security of Wavelength Division Multiplexing Passive Optical Network (WDM-PON) Using Broadband Light Source
14.	Ankit Sharma	Divya	Design and Performance Analysis of Long Reach Hybrid WDM/TDM PON Using Colorless ONU
15.	Vikram Singh	Dr. Amita Soni	Performance analysis of MIMO Systems for various fading channels
16.	Sonu Raman	Dr. Amita Soni	Optimization of various parameters of microstrip UWB filters used in wireless application
17.	Prateeksha Sharma	Bipan Chand Kaushal	Analysis of Dispersion Compensation of Optical Fiber Using EDFA and Pumping Techniques
18.	Piyush Jain	Bipan Chand Kaushal	Optimization of Optical Hybrid Amplifiers for Long Haul Transmission
19.	Sumit Lohan	Rita Mahajan	Performance Evaluation of New Energy Detection Based Spectrum Sensing Methods in Cognitive Radio
20.	Ajay Jatav	Sukhwinder Singh	Development of an Algorithm Based on DCT Matrix coefficients for Iris Recognition

## **Mechanical Engineering**

1.	Rahul Jamwal	Dr. D.R. Prajapati	“Design and Analysis of Master Manipulator Towards Robotic Surgery Dissertation”
2.	Anup Malik	Dr. A. Manna Dr. Sushant Samir	“Machining of E-Glass Fibre Epoxy Composite on Fabricated TW-ECSM Setup”
3.	Mukul Kataria	Dr. S.K. Mangal	“Characterization and analysis of Magneto Rheological Fluid”
4.	Manish Kumar	Dr. S.K. Mangal Dr. A. Manna	“An experimental investigation on wire cut EDM of Al/Sic/MMP”
5.	Gaurav Mahajan	Sanjeev Kumar	“Stress analysis of work piece in Ultrasonic Machine”
6.	Ishan Kaushal	Rajesh Kanda	“Measurement of Muscle fatigue with EMG & validation of OCRA index for Indian Population”
7.	Kamalpreet Singh	Dr. D.R. Prajapati	“Improvement in productivity through the application of motion & time study”
8.	Gurpreet Singh	Dr. Perminderjit Singh	“A study on CI Engine with Dual Fuel Diesel & Oxyhydrogen”
9.	Randeep Singh Gill	Dr. Perminderjit Singh	“Experimental investigation of performance & Emissions characteristics of a CI Engine Fuelled with different Blend of Diesel”
10.	Puneet Kumar	Dr. A.K. Lall	“Design mathematical modeling & optimization of micro-channel casting systems”
11.	Sahil	Dr. A.K. Lall	“Design simulation and optimization of various geometrical pattern of micro channel for casting systems
12.	Navsumeet	Dr. V.P. Singh	“Analytical Modeling of Planetary gear and Sensitivity of Natural frequencies”.
13.	Kuldeep Singh	Dr. P.S. Satsangi	“Design & Analysis of a Surgical Tool Manipulator towards Minimally Invasive Robotic Surgery”
14.	Deepak Monga	Dr. P.S. Satsangi	“Numerical Modeling of Bio- Photo thermal Phenomenon using Monte-Carlo Simulation”
15.	Abhinav Goyal	Dr. Sushant Samir	“Analysis of Various Power losses in Diesel Engine”
16	Varun Bhagat	Dr. Sushant Samir	“Analyzing the Effect of Artificially Varied air flow in Solar air Heaters

## **Industrial Materials & Metallurgy Engineering**

1.	Ankush Sharma	Dr. Uma Batra	Influence of Hydrolyzation Time of TEP on the Characteristics of Sol Gel Synthesized nano HA and HA Coating on 316L Stainless Steel
2.	Deepak Dhingra	Dr. Uma Batra	Development and characterization of HAP nano powder and HAP coating on 316L stainless steel
3.	Aakash Verma	Dr. Uma Batra	Development and characterized of HA and HA scaffolds through porous sponge technique
4.	Harpreet Singh	Dr. Uma Batra	Development and Study of Lead-Free Sn-9Zn Solder Alloy
5.	Manmeet Singh	Dr. Uma Batra	To study the heat treatment of Grade E steel for knuckle coupler application
6.	Sushil Kumar	Dr. Uma Batra	Hydroxyapatite – TiO <sub>2</sub> Coating on 316L Stainless Steel (SS) using Sol Gel Technique
7.	Raminder singh	Prof. P.Thareja	Reduction of casting defects with Casting Defects Management System
8.	Amarbir Singh	Prof. P Thareja	Computer-Aided Gating System Design in Die Casting
9.	Arshdeep Singh	Prof. P Thareja	To Avoid black Layered Scaling in ACSR Conductors
10.	Ram Singh	Prof. P Thareja	Logistic Related Problem due to stray Corrosion
11.	Sajjan Kumar	Prof. P Thareja	Curtailing the Heat treatment of Al Zn alloy
12.	Amarbeer Singh	Prof. Avtar Singh	Competitive manufacturing through successful implementation of TPM
13.	Paramjit Kaur	Prof. J D Sharma	Performance of Copper Graphite and Brass Electrodes on Electrical Discharge Machining of ADI
14.	Ravinder Gill	Prof. J D Sharma	Welding Characteristics of Austempered Ductile Iron
15.	Shashi Shekhar	Prof J D Sharma	Effect of Austempering Temperature and Time on Fracture Toughness of ADI
16.	Harinder Singh	Prof J D Sharma	Wear Mechanism of Austempered Ductile iron at different Loads
17.	Raj Kumar Aushik	Prof Mamta Sharma	Use of Entropy of formation to estimate heat of fusion of binary eutectic alloys from phase diagram data and faceting behavior of Sn-Zn alloy in soldering application

18.	Ramneek Sharma	Prof Mamta Sharma	Synthesis and characterization of material for HTC fire safety sensor
19.	Mukhmeet Singh	Prof Mamta Sharma	Retrogression and Re-aging of 7075 Aluminum alloy
<b>Production Engineering</b>			
1.	Sarthak Seth	Dr Parveen Kalra	Finite Element Analysis Of Dental Implants
2.	Viveksheel Rajput	Dr Parveen Kalra	Checklist Evaluation Of Indian Tractors For Human Comfort With The Assessment Of Its Repeatability
3.	Manish Kumar	Dr Parveen Kalra	Perception Based Evaluation Of Door Handles : A Kansei Approach
4.	Vivek Sharma	Dr Parveen Kalra	Consumer Perception Based Evaluation Of Touch Screen Mobile Phone
5.	Ishant Gupta	Dr Parveen Kalra	Assessment Of Lifting Techniques To Reduce The Risk Of Musculoskeletal Disorders For Manual Lifting By Using Modified Qec
6.	Ishaan Kaushal	Dr Parveen Kalra	Measurement of muscle Fatigue using Electromyography and Validation of OCRA Index for Indian Population
7.	Vikesh	Dr N M Suri	To Study The Effect Of Welding Parameters Of Active Tig Welding On Mild Steel
8.	Vanraj	Dr N M Suri	To Study The Effect Of Welding Parameters On Weld Bonding Of Mild Steel Sheets
9.	Raghuveer Singh	Dr N M Suri	To Study The Effect Of Welding Parameters Of Active Tig Welding On Stainless Steel
10.	Sharad Sharma	Dr N M Suri	Evaluation Of The Role Played By Design For Emotions And Product Aesthetics When A Customers Is Buying A Product
11.	Harpreet Singh	Dr N M Suri	Development Of Antimicrobial Packaging Using Copper Nano Particles
12.	Harpreet Singh Banwait	Dr N M Suri	Enhancement Of Productivity Of Workers In Small Scale Industry Through Job Design
13.	Sarvesh	Dr R M Belokar	Application of lean manufacturing at assembly line to achieve single piece flow A case study.
14.	Sudhir Dalal	Dr R M Belokar	Lean manufacturing study in caparo limited using VSM

15.	Vikas Chaudhary	Dr R M Belokar	Process capability study on head light reflector manufactured in unitech machines limited
16.	Jagbir	Dr R M Belokar	Improvement of quality through Six sigma A Case study
17.	Manjit Dangi	Dr R M Belokar	Development of work center selection system for process planning of new developing process using analytical hierarchy process with sensitivity
18.	Arun Kumar	Dr R M Belokar	Gendering Bias in Product Decision making
19.	Shashikantpandey	Dr Suman Kant	Study of Process Parameters of BEMRF on EN-31Steel for surface Finish: An experimental Investigation
20.	Sunil Kumar	Dr Suman Kant	Optimization of Mullite-Ni Coating using Slurry Spray Technique
21.	Arvinder Singh	Dr Suman Kant	Experimental Investigation of SPOT welding parameters on316L Stainless steel
22.	Maninderjit Singh	Dr Suman Kant	Study of Prevalence of Musculoskeletal disorder among VDT workers and predicting values of Pain using ANN model.
23.	Manish Dev	Dr Suman Kant	Study of effect of mass and type of Back Pack on shoulder and back musculature among school students: Case study, Himachal Pradesh, India
24.	Sunil Kumar	Rahul O Vaishya	Experimental Study Of Process Parameters On Electrochemical Aided Abrasive Flow Machining Process (Ecaafm)
25.	Ravi Gupta	Rahul O Vaishya	An experimental study of Process parameters on Material removal & Surface roughness in Hybrid AFM
26.	Harinder Pal Singh	Rahul O Vaishya	An experimental study of Process parameters on Material removal & Surface roughness in Hybrid AFM
27.	Karanvir Singh	Rahul O Vaishya	A Study of Diamond Tool Wear & Its Effect on Surface Roughness during Precision Machining of Silicon
28.	Nayhel Sharma	Rahul O Vaishya	Biomimicry Inspired Motorcycle Helmet Design and Its Finite Element Analysis
29.	Sahil Mahajan	Rahul O Vaishya	Role of Packaging Design For Enhancing The Sales Appeal Of Product

## M.E. THESIS (2014)

<b>S. No.</b>	<b>Name of Candidate</b>	<b>Guide</b>	<b>Title of Thesis</b>
<b>Applied Sciences</b>			
1.	Tanvi Gupta	L N Sharma	GIS based Information System – A case study of Panchkula District
<b>Civil Engineering</b>			
1.	Rajesh Kumar	Tripta Goyal	Futuristic Design of Parking Spaces for Sector 8-C market in Chandigarh
2.	Ranjodh Singh	Tripta Goyal	Study of Heavily Congested Intersections - A case Study of Zirakpur (Punjab)
3.	Aakanksha Sharma	Geeta Arora	Study of Safety, Health and Environmental Management Systems at Mahindra & Mahindra, Swaraj Division, plan I, Mohali.
4.	Ravneet Kaur	Geeta Arora	Comparative analysis of Absorption of the Dye Malachite Green from Aqueous solution on Neem Leaf Powder and Granular Activated Carbon.
5.	Rajat Kango	M.A. Alam	Study on Hydraulic conductivity of porous media using semi empirical approach.
6.	Rishav Sharma	M.A. Alam	Study on effect of grain size distribution and angularity on Hydraulic conductivity of porous media
7.	Ravinder	S. K Verma S.K Singh Amrit Roy	Numerical Modeling Approach for determination of wind loads on high-rise building and analysis its foundation
8.	Ashwini Kumar Bizla	S. K Verma S.K Singh Amrit Roy	Wind loads on Power Station Chimney and Analysis of its Foundation – A Numerical Modeling Approach
9.	Sayed Mohd Arif	S.K Singh	Improvement of local subgrade soil using coal ash and coconut fiber as admixtures
10.	Harsh Chopra	S.K Singh	Effect of aggregate size and aggregate cement ratio on strength and permeability of pervious concrete.
11.	Shristi Khosla	S.K Singh	A holistic approach towards energy efficient green buildings through case studies
12.	Arpanjot Singh	R R Singh	High volume fly ash concrete

13.	Ms Shelly Mittal	R R Singh	“Improvement of subgrade soil for road construction by the use of coconut coir fibre and jute fibre”
14.	Himanshu Bansal	R R Singh	“Self compacting concrete using rice husk ash”
15.	Gurdeep Singh	R R Singh	“Study on pedestrian and slow moving traffic in Chandigarh
16.	Rupinder Kumar	Umesh Sharma	Comparision Study between Conventional Plastic and Rubber Modified Bituminous Mixes
17.	Tejinder Kumar	Umesh Sharma	Strengthening of Subgrade by using RBI Grade-81: A Case Study
18.	Amanpreet Kaur	Siby John	A comparative study of the traditional and improved cook stoves using biomass
19.	Devina Rattan paul	Siby John	Oil degradation studies using biosurfactant producing microorganisms isolated from oil contaminated sites
20.	Inderpreet Singh	Siby John	Hydraulic modelling and analysis of water supply network in Chandigarh for 24/7 water supply

### **Computer Science & Engineering**

1.	Pawan Singh	Rupali Syal	RSA on multicore system
2.	Sukhbir	Shailendra Singh	Promoter Prediction in DNA sequences using machine learning techniques
3.	Khushdeep Singh	Alka Jindal	Design and implementation a notifiedrouting protocol in VANET
4.	Anshul Thakur	Shailendra Singh	Devlopment of automatic articulation error detection tool
5.	Gunjan	Sanjeev Sofat	Detection road conditions using smart phone sensors
6.	Vikas Gupta	Rajesh Bhatia	Model clone detection in UML diagram
7.	Mamta	Sanjeev Sofat R.K. Singla	Design of document ranking model for NPTEL (from PU) content repository
8.	Ankur Gupta	Rajesh Bhatia	Model Based Clone Detection in Object Oriented Systems.
9.	Ishu Singla	Rajesh Bhatia	Program Slicing Based clone Detection in Object Oriented Programs

10.	Shashank	Shailendra Singh	Online Assessment of Responses using sentence similarity in question answer assessment system.
11.	Praveen Budhwar	Trilok Chand	Improved Transport layer protocol for Congestion Control on Wireless Sensor Networks
12.	Harish Kumar	Rupali Syal	Key generation in RSA Cryptosystem
13.	Richa	Ajay Mittal	Localization and labeling of spine using regression forests
14.	Nancy	Ajay Mittal	Automatic brain Ischemic Stroke segmentation in T2 weighted dark fluid MR images
15.	Parul Sood	Manjeet Kaur Ajay Mital	Automatic alignment and enhanced fuzzy vault by reducing the chaff generation time
16.	Ismeet Kaur	Manjeet Kaur Ajay Mital	Fuzzy fingerprint vault using multi-polynomials
17.	Supriya	Padmavati	Performance analysis and improvement of location aware fault tolerant clustering protocol in Mobile Wireless Sensor Network.
18.	Deepali	Padmavati	Performance analysis, comparison and improvement of static Routing Protocols in Wireless Sensor Network
19.	Prashant Kalra	Poonam Saini	An Enhancement of Position and Cluster based Routing Protocol in VANETS
20.	Shivinder Singh	Sandeep Harit	An attack- based method to detect .... In web applications
21.	Deshraj	Shilpa	Hybrid approach for detecting code clone by metric and token based comparison
22.	Rajnish	Shilpa	Token based clone detection using Program Slicing
23.	Shallu Verma	Sudesh Rani	Secure data dissemination techniques in Vehicular Ad Hoc Networks
24.	Poonam Kumari	Sudesh Rani	Adaptive AODV and Performance analysis of various routing protocols in Vehicular Ad Hoc Networks
25.	Sukhbir	Shailendra Singh	Promoter Prediction in DNA Sequences using machine learning Techniques

## **Computer Science & Engineering (Information Security)**

1.	Dilpreet Kaur	Sanjeev Sofat	Comparative analysis of anonymization techniques
2.	Manpreet Kaur	Sanjeev Sofat	Bank's Business Continuity Planning and Cyber Fraud Risk Assessment model
3.	Nidhi Kalra	Divya Bansal	Analyzing driver behavior using Smartphone sensors
4.	Ashish Saini	Divya Bansal	Malware analysis for real time network traffic
5.	Sumit Gupta	Divya Bansal	Dynamic Classification of webpages using feature based analysis
6.	Lovi Dua	Divya Bansal	Malicious behavior detection of mobile based applications
7.	Himanshu Goyal	Rajesh Bhatia	Software Clone detection using Control Flow Graphs.
8.	Jasmeet Kaur	Trilok Chand	Efficient Synchronous MAC Protocol for Wireless Sensor Networks
9.	Monika Sharma	Trilok Chand	Reliable Data Transport Protocol for Wireless Sensor Networks
10.	Bhanu Gupta	Trilok Chand	A Study of Migration to MPLS Network from ISDN for Video Conference (A Case Study of State Bank of India)
11.	Deepak Bindlish	Alka Jindal Sanjay Batish	Simulation and analysis of position based routing protocol in VANET
12.	Prateek Murli	Alka Jindal Sanjay Batish	Minimizing the effect of black hole attack in VANET using greedy algorithm.
13	Lofty Sahi	Padmavati	Performance analysis and enhancement of mobility based clustering protocol in mobile wireless sensor network.
14.	Mitali	Manavjeet Kaur Padmavati	Multimodal biometric feature level fusion under heterogeneous environment
15.	Sanjida Singhani	Poonam Saini	An Efficient Permission-based Mutual Exclusion Algorithm For Mobile ad-hoc Networks
16.	Vishav Jyoti	Poonam Saini	Unco-ordinated Checkpointing based Recovery Algorithm for Distributed Transaction Processing

17.	Shaveena Goyal	Sandeep Harit	Design and analysis of optimal path search scheme for intelligent transport System.
18.	Sushil Kumar	Sudesh Rani	Cluster-based data dissemination in Vehicular Ad Hoc Networks

### **Electrical Engineering**

1.	Venu Sangwan	Balwinder Singh	Design & simulation of direct vector control of induction motor using space vector modulation.
2.	Bubble Preet	Balwinder Singh	Performance analysis of BLDC motor with PI & Fuzzy logic speed controller.
3.	Roohi Kansal	Balwinder Singh	Load frequency control through neuro fuzzy tie-line power controller in an interconnected system.
4.	Manish Kumar	Balwinder Singh	Effect on SVC on V- $\delta$ transients of single machine infinite bus system
5.	Prabhakar Singh Pundir	S. K. Suman	Power quality improvement of distribution network using dynamic voltage restorer.
6.	Vivek Panwar	Tarlochan Kaur	Viability analysis of renewable energy sources in hybrid power system.
7.	Vipul Kumar Jha	Sulata Bhandari	MPPT in photovoltaic system using fuzzy logic controllers & comparative study of different membership function of FLC rule base.
8.	Shiba Parveen	Tilak Thakur	Economic emission dispatch.
9.	Surbhi Singh	Tilak Thakur	Power quality analysis and management in heavy electric equipment.
10.	Naveen Nagar	K.K.Garg	Fuzzy self adaptive PID controller of Electrical Heating furnace.
11	Kamaldeep Rahul	K.K.Garg	Speed control of induction motor using fuzzy & PID approach.
12.	Anshu Parasher	Jagdish Kumar	Modeling of Power Electronic Converter using system identification technique.
13.	Ankur Singh	Jagdish Kumar	Power Management and control of wind energy conversion system with a fuzzy logic based MPPT controller.
14.	Abhinav	Rintu Khanna	Performance analysis comparison of conventional PI control & fuzzy control of separately excited d.c. motor.

15.	Kuldeep Singh	Rintu Khanna	Performance analysis of permanent magnet synchronous motor drive system.
16.	Ravikant Pandey	Puneet Arora	Power quality improving using CHBMLI based statcom.
17.	Tushar Agarwal	Puneet Arora	Allocation of FACT devices to improve voltage profile using GA.
18.	Sandeep Raikwal	Jaimala Gambhir	Reactive Power Compensation in DFIG based wind farm
19.	Rohit Kumar	Loveleen Kaur	Design and Control of a 3 phase Induction Motor Drive using indirect field oriented control scheme.
20.	Saurabh Kumar	Loveleen Kaur	Design, and control of residential off-grid connected PV System.
21.	Ankita Kasaudhan	Raminder Kaur	Speed control of induction motor drive using V/F control scheme.
22.	Aditi Sharma	Raminder Kaur	Voltage sag mitigation using DSTATCOM in induction motor drive.
23.	Neharika Gupta	Shiv Narayan	Power System Stabilizer Design Based on Robust Control Techniques using GA, PSO & LMI

### **Electronics & Communication Engineering**

1.	Tanvi	Neena Gupta	Modeling and analysis of YDFA for optical networks
2.	Ank Raj	Neena Gupta	A novel design of all optical adders and symmetric key cryptography scheme for FSO link
3.	Bhawna Goyal	Neena Gupta	Design and analysis of EDFA/EYCDFA hybrid optical amplifier in a WDM system
4.	Anisha Sihmar	Neena Gupta	Performance analysis of non coherent OCDMA system using novel 3-D coding technique
5.	Aanchal Jain	Deepak Bagai	Impact of electromagnetic radiations on human health
6.	Amanjot Singh	Deepak Bagai	Development of Efficient Electronic Waste Disposal System in India
7.	Aditya Kumar Gautam	Deepak Bagai	Case Study of Recycling of Electronic Waste in India
8.	Shresth Bhutani	Deepak Bagai	Case Study of Mobile Phone Health Hazards and Disposal System

9.	Abhishek Srivastava	Neelu Jain	Integrated depth vehicle detection and challan generation using template matching and TTS
10.	Deepak Kumar	Neelu Jain	Scene text detection using stroke width transformer
11.	Geetanjali	Neelu Jain	Dwt based mutli lingual text extraction from complex coloured images
12.	Akshay Sharma	Neelu Jain	Text extraction from complex coloured images using K-means clustering
13.	Karan Sood	Nagendra Sah	Analysis of QOS Based routing protocol
14.	Pahraj	Divya	Design and performance analysis of WDM-RoF-PON using OFDM
15.	Prabjot Singh	Divya	Sliding norm transform based PAPR reduction technique for optical OFDM system
16.	Shashikant	Divya	Adaptive QAM modulation technique for OFDM based Wireless comm.. system
17.	Adhar Vashishth	Bipin Kaushal	Automated technique for tooth caries detection and prescription report generation
18.	Shefali Sharma	Bipan Kaushal	Power consumption reduction in digital electronics circuits using multibit flip flop technique
19.	Priyan Karan Tank	Bipan Kaushal	A machine vision system for inspecting Agmark standards of rice grading
20.	Priyanka Kapoor	Amita Soni	Performance analysis of code aided MMSE receiver over Rayleigh fading channel
21.	Navgeet Singh	Amita Soni	Performance analysis of WiMax in multipath fading environment
22.	Pallavi	Amita Soni	Performance analysis of channel capacity of MIMO system with transceiver impairment
23.	Arun Kumar Mittal	Sukhwinder Singh	A new Algorithm for Edge Detection of Medical Images
24.	Rohit Kumar	Sukhwinder Singh	Development of a New Technique to Compress the 2D images
25.	Shubham Singla	Sukhwinder Singh	Modified PCA Technique to Recognize the Facial Expression

## **Electronics VLSI**

1.	Harsimranjit Kaur	Neelam Rup Prakash	Novel Hybrid Factorial Circuit Design Using Vedic Mathematics
2.	Nidhi Pokhriyal	Neelam Rup Prakash	Compressor based Vedic Multiplier Design Using GDI Technique
3.	Swati Joshi	Neelam Rup Prakash	An efficient Multimode Multiplier Design
4.	Ashima Sood	Nagendra Sah	Performance (speed) optimization of viterbi decoder
5.	Shradha Shukla	Nagendra Sah	A flelxible communication system by integrating FPGA with SDR
6.	Shubham Singh	Nagendra Sah	Area & energy efficient VLSI Architecture for LDPC decoder
7.	Sanjay Singh Saroch	Jasbir Kaur	High speed & low latency carry select adder (CSLA) using beaumont smith adder
8.	Pawan Kumar	Jasbir Kaur	Design of 16 bit modified knowle parallel prefix adder
9.	Anant Shekhar Vashistha	Jasbir Kaur	VLSI implementation of multi symbol encapsulated OFDM transceiver
10.	Nitin Goyal	Jasbir Kaur	Performance analysis of a low offset and high speed dynamic voltage sense amplifier
11.	Kulbir Singh	Rita Mahajan	Cyclostationary based detection method of spectrum sensing for cognitive radio
12.	Pawan	Rita Mahajan	Performance analysis of energy detection based spectrum sensing method in cognitive radio
13.	Nikhil Arora	Rita Mahajan	FPGA implementation of cooperative spectrum sensing using hard decision fusion scheme in cognitive radio
14.	Sandeep Sangwan	Jyoti Kedia	An improved feed through logic design
15.	Varinder Singh	Jyoti Kedia	Design of floating point adder and subtractor
16.	Ankul Chaudhary	Jyoti Kedia	Design and analysis of combinational circuits using dynamic current mode logic

## **Mechanical Engineering**

1.	Vinod Mishra	Alakesh Manna	Experimental Investigation On Developed Setup During Generation Of Free Form Surface And Nano Finish Of Steel
2.	Mahesh Kumar	V.P. Singh	Structural Analysis And Identification Of Isomor Phism Of Six, Eight, Nine And Ten Links Kinematic Chains Using Graph Theory
3.	Ankit Parmar	Perminderjit Singh	To Study The Engine Performance & Emission Characteristics Of Engine By Using Various Ethanol Blends Of Petrol (E0,E5,E10,E15,E20) At Different Compression Ratios On Variable Compression Engine
4.	Ankur Sharma	Sushant Samir	Heat Transfer Augmentation In A Heat Exchanger Using Different Baffle Combinations Through Cfd Studies
5.	Anurag Dhiman	V.P. Singh	Numerical Integration Methods For Vibration Response Of Multi Degree Freedom System
6.	Balam Sharma	Sanjeev Kumar	Influence Of Abrasive Particles Used In Dielectric On Edm Process
7.	Baljeet Singh	Sanjeev Kumar	Finite Element Modeling And Analysis Of Powder-Mixed Edm Thermal Stresses
8.	Dikshant Sachdeva	Alakesh Manna	An Investigation During Micro Drilling Of E-Glass Fibre Composite On Fabricated Laser Machining Setup
9.	Dinesh	Sushant Samir	Heat Transfer Optimization Of Shell And Tube Heat Exchanger Through Cfd Studies
10.	Harsh Goyal	P.S. Satsangi	To Study The Effects Of Variable Electro Magnetic Field On Caco3 Mitigation
11.	Harwinder Singh	P. S. Satsangi	Comparison Of Different Abrasive Powders By Their Life And Productivity
12.	Jagjeet Singh	V.P. Singh	Application Of Numerical Methods For Vibration Response Of Multi Degree Freedom System'
13.	Khushpreet Singh	Arun K Lall A.N. Dubey	Design And Analysis Of Solar Energy Storage Unit Using Phase Change Material
14.	Kushal Kamboj	P. S. Satsangi Gurjeet Singh	Heat Transfer Enhancement In Pipe In Pipe Heat Exchanger Using Mechanical Turbulators
15.	Lalit Kumar	D.R. Prajapati	To Study The Process Capability And Setting The Spc In A Manufacturing Industry

16.	Aakash	D.R. Prajapati	An Exploratory Study On Employees Perceived Quality Of Working Life In Foundry Industry
17.	Priyaansh Prasad	D.R. Prajapati	Analysis Of Rejection Level Of Products Of An Automotive Industry Using Dmaic Approach
18.	Aaditi Sinha	D.R. Prajapati	A Comparative Study Of Scrum And Extreme Programming For Software Quality Assurance In Startup Industries
19.	Navdeep Kaur	D.R. Prajapati	Process Capability Study Of Waste Water Treatment Plant
20.	Lokesh Bhardwaj	Alakesh Manna Kamal Kumar	An Experimental Investigation And Optimization In Fabrication of Aluminum Alloy Using Stir Casting Method
21.	Richa Verma	Arun K Lall	Cfd Analysis Of Dome
22.	Nirbhai Singh	S. K. Soni	Binding Enhancement Strategies For Micro Fluidic Biosensors
23.	Pardeep Kumar	Perminder Jit Singh & Tejbir Kaur	Optimization Design Of Semi Active Suspension System For A Terrian Vehicle
24.	Puneet Dhiman	S.K. Mangal Naveen Garg	Application Of Ann In Traffic Noise Modeling And Predication
25.	Pushpinder Singh	V.P. Singh Ankit Yadav	Experimental Analysis Of Effects Of External Bearing On Eigen Value Of Planetary Gear Box
26.	Raveesh Pratap	Alakesh Manna	Computation of Natural Frequencies Of Cantilever Blade By Variational Method
27.	Sahib Singh	Arun K Lall	Ferro Magnetic Fluids for Cooling
28.	Sukhvir Singh	Perminderjit Singh	Development of Performance Measures For The Implementation of Total Quality Management In India Industry
29.	Varun Bhatti	Sarbjit Singh	Some Investigation on Friction Stir Spot Welding Of Aluminum 6061- Alloy

### **Industrial Materials & Metallurgy Engineering**

1.	Amanpreet Singh	Avtar Singh	Defect abatement in brass casting.
2.	Arinder Pal	Avtar Singh Sanjeet Kumar	Hot corrosion of welded joint in AISI 304 steel.
3.	Balraj Singh	Mamta Sharma	Effect of Micro Arc Oxidation on Corrosion properties of Aluminium alloy AA2024

4.	Bir Bahadur	Uma Batra	Explosive welding using low V.O.D Explosive.
5.	Gagandeep Singh	J D Sharma	To relate grades of ADI with machining parameters.
6.	GauravGarg	Uma Batra	Development of non-toxic lead free solder for electronic industry
7.	Ishwinder Singh	Avtar Singh	Optimization of Friction stir welding parameters for dissimilar Al joints and study of their effect on mechanical properties
8.	Jasvir Singh	Mamta Sharma	solidification study of melt cast explosives and cast quality improvement
9.	Maninder Singh	Uma Batra	Development of 3rd generation advanced high strength steel and simulation approach.
10.	Mohit Srivastava	Mamta Sharma	Ceramic-metal and metal-metal high vaccum brazing process optimization by weight calculation and characterization of joints.
11.	Navdeep Singh	Uma Batra	Modeling and simulation of mechanical and physical properties of 316 L SS
12.	Neha Sharma	J D Sharma	Study the Bainite nucleation and growth in ADI
13.	Prince Setia	J D Sharma	Wear of ADI under different load temperature.
14.	Raghav Gupta	Sanjeet Kumar	Hot corrosion of welded joint in SS316L weldments.
15.	Rakesh Kumar	J D Sharma	Mechanical analysis of bucket tooth of different grades of ADI and to check the possibility of SIT in the material.
16.	Ravijit Singh	J D Sharma Shalom Akhai	A comparative analysis for adaption of a simplified welding technique for welding EN-19 steel grade hammer blow.
17.	Satwant Singh	Uma Batra Shalom Akhai	Reclaiming Digester screw by Hard facing
18.	Sharanjit Singh	Mamta Sharma	Swarf forging of Alloy steel
19.	Virat Saroop	Avtar Singh Sanjeet Kumar	Erosion and corrosion of SS304 AND SS316 in actual boiler environment

### **Production Engineering (Production and Industrial Engineering)**

1.	Ramandeep Singh	Parveen Kalra	Application of lean manufacturing tools in an auto industry
2.	Ashish Chopra	Parveen Kalra	Application of value stream mapping in electronics manufacturing industry

3.	Mithun Goyal	Parveen Kalra	Design of customised bone plates for tumour patients
4.	Rahul Arora	Parveen Kalra	3D model generation of human liver
5.	Aadhar Gupta	Suman Kant	Development of quality assurance systems for a machine tool industry (tractor division)
6.	Gagandeep Singh	Suman Kant	Quality function deployment
7.	Sandeep Kumar	N. M. Suri Suman Kant	Characterization study of multiple alumina based environment barrier coating by slurry spray technique using TiO <sub>2</sub> as sintering additive
8.	Mandeep Gulia	N. M. Suri Suman Kant	Tribological behaviour of Al-6063/Red mud metal matrix composite
9.	Pankaj	Rahul O Vaishya	Effect of media conductivity on Hy.AFM
10.	Gurinder Singh	Rahul O Vaishya	Experimental investigation on surface roughness with hybrid abrasive flow machining
11.	Gaurav Kumar	Rahul O Vaishya C.S. Jawalkar	Six sigma- An innovative approach to improve sigma level. A case study in a brick company
12.	Shankey Shairawat	Rahul O Vaishya	Optimization of berth allocation and quick crane at (Docyard) :- (A case study)
13.	Amrinder Singh	Rahul O Vaishya C.S. Jawalkar	Experimental investigation of wire ECDM using Zinc coated brass wire
14.	Jugpreet Singh	R.M. Belokar	Check the feasibility of injection moulding process for manufacturing of polymer stents
15.	Sandeep Saini	R.M. Belokar	Application of lean & quality improvement tool in printing industry
16.	Charu Gupta	R.M. Belokar	Application of total quality management in Indian airlines
17.	Anshul Jain	C.S. Jawalkar	Supply chain & other issues Indian railway
18.	Arun Rehal	Jagjit Singh	Development of cost effective fluxes for submerged arc welding

#### (Industrial Design)

1.	Rohit Chander	Parveen Kalra	FEA of 2-wheeler locks
2.	Shagun Sharma	Parveen Kalra	FEA of dental implants
3.	Parteek Dutta	Parveen Kalra & Neelam Rup Parkash	Measurement of physiological parameters of human body by using mobile

4.	Simranjeet Singh	Parveen Kalra & Jagjit Singh	Ergonomics evaluation of ingress of bus drivers
5.	Mandeep Saini	Neelam Roop Parkash & Jagjit Singh	Classification of wheat grain varieties using image processing
6.	Jaspinder Singh	Jagjit Singh	CFD analysis of Drag reduction of automobiles
7.	Aman Rana	Suman Kant	Evaluation of aesthetics parameters of Indian cars of moderate cost
8.	Sahil Diwedi	Rahul O Vaishya	Analysis of adjustable passenger aircraft seats
9.	Maheshwar	C.S.Jawalkar	Ergonomics based design and outway of elementary school furniture
10.	Ankit Jhinkwan	Jaswinder Singh	Study of Alto K10 car seat design using finite element analysis and evaluation ergonomics evaluation techniques
11.	Tarwinder Singh	Jaswinder Singh	Study of ergonomics evaluation of industrial task in Indian electronic industries
12.	Gurjinder Singh	Jaswinder Singh	Study of free fall drop test of mobile phone using finite element analysis

## **2. INSTITUTIONAL DEVELOPMENT PROPOSAL (IDP)**

### **2.1 Give the executive summary of the IDP**

PEC University of Technology is one of the leading engineering and technology Institutions in India with a standing of more than 90 years. The institute is running 8 UG and 14 PG programmes and has over 2486 students spread over 146 acres of campus. It is proud to have established as a high ranking engineering institution in India in terms of placements along with many other achievements. PEC University of Technology is striving to be at the forefront of technical education and research. Therefore, it has envisaged enhancing the quality of PG education and increasing the enrolment of students in various Postgraduate programmes. With this objective, the institute has decided of participating in Sub Component 1.2 of TEQIP (Phase - II) titled “Scaling up Postgraduate Education and Demand Driven Research & Development and Innovation”

**This proposal includes following activities:**

- (i) Infrastructure improvement for PG Technical Education through-
  - (a) Creation of central facility to upgrade the research capabilities with the state of the art instruments.
  - (b) Modernization /digitization of library. Creation of Digital Library.
  - (c) ICT enabled digital classrooms/ seminar rooms.
- (ii) Providing teaching and research assistantships to achieve significant increase enrolment in ME and PhD programmes.
- (iii) Enhancement of R&D and institutional consultancy activities.
- (iv) Faculty and staff development.
- (v) Enhancing Industry – Institution interaction.
- (vi) Enhancement of management capacity for better governance.
- (vii) Academic support to weak students in terms of improvement in communication skills and Technical Skills.

**During the period 2015 -2016, the following will be enhanced:**

- (i) Revenue from R&D and Consulting by 30%
- (ii) Revenue from IRG by 15%
- (iii) Research publications in national and international refereed journals by 50%
- (iv) Placement of ME students by 100%
- (v) Collaborations with industry by 50%
- (vi) Training of 50 faculty, 25 technical staff and 25 administrative staff

- 2.2 Provide the details (in terms of methodology used, analysis carried out of the data and information collected and inferences derived with respect to strengths, weaknesses, opportunities and threats) of SWOT analysis.**

## **SWOT ANALYSIS**

SWOT Analysis of the PEC University of Technology, Chandigarh has been conducted with an aim to make a comprehensive analysis of its strengths, weaknesses, opportunities and threats so as to enhance its scope of activities especially in the area of post graduate and doctoral education, research and development and meeting the challenges of future.

## **OBJECTIVE**

The broad objective has been to identify thrust areas for preparing a Strategic Plan for Scaling up of Post Graduate Programmes and Demand Driven R&D and Innovation in the University.

## **METHODOLOGY**

Exploratory research design has been chosen to carry out this research project of SWOT analysis of PEC University of Technology, Chandigarh. It was decided to adopt case study approach to accomplish research objectives. The case study approach envisages a comprehensive and exhaustive data collection from the study unit. While doing this, a detailed study of the philosophy, vision, mission, mandate, infrastructure, curriculum, teaching-learning process, examination system, student placement, management & HRD policies etc. has been conducted. The strategy has been to actively involve all stakeholders comprising Director and other officials, faculty and staff, students, alumni, industry and community in visualizing the future of the institution, its present status and the actions to be taken to achieve the goals. The sample for the project comprised 123 Faculty, 137 administrative and technical staff, 1797 students, 20 alumni/industry/ community representatives. The research process for the project comprised of need identification and scope of work; orientation of project coordinator(s), Brainstorming session with HOD's and senior faculty; getting information from teachers, students, alumni and industry/community on four validated questionnaires; interviewing project coordinators, concerned officials and students; analysis of information and validation of report. The final report has been prepared in consultation with Director and coordinator(s) from the University.

## **STRENGTH**

### **Good Reputation**

- Heritage of about 95 years as a well reputed engineering institution
- High-ranking (top 20) amongst the top technical institutions in the country
- NBA Accreditation of programmes.
- Strong alumni base
- A preferential institute amongst good students from India and abroad.
- ME admissions through GATE

## **Very Good Infrastructure**

- 146 acres Campus of located in the heart of City Beautiful, The Chandigarh providing it a demographic and locational advantage.
- All facilities for the holistic development of students.
- Buildings, well equipped laboratories.
- Networking / wi-fi connectivity for all students and faculty.
- Equipped library, spacious hostels, guest house and faculty/ staff houses, seminar halls and auditorium
- Sports and recreational facilities for curricular and extracurricular activities

## **Programmes, Curriculum and Teaching Learning Process**

- Demand driven Undergraduate, Post Graduate and Ph.D programmes in engineering, sciences and management.
- Choice based credit system based Academic Programme.
- Highly relevant, feasible, flexible and up-to-date curriculum developed and implemented.
- Design approach, project and practice oriented teaching learning process.
- Highly flexible, open, efficient and learner oriented assessment and evaluation system.

## **Human Resources and Management**

- Qualified and Competent faculty with individuals having Ph.D. in engineering and technology, applied sciences & humanities.
- Motivated and dedicated faculty with a blend of high experience and young and energetic dynamism.
- High level of student involvement in different projects, programmes and process of the institute.
- Student chapters of many professional societies.
- Alumni well placed, knowledgeable and supportive.
- Transparent, efficient and effective management system.
- Clubs, NSS, NCC, Sports.
- Enhance on Co-Curricular Activities.

## **UG Programmes**

- High quality students in UG programmes.
- Almost 100 % placement.
- Significant number of overseas students.
- NBA Accreditation.

## **WEAKNESSES**

### **Industry Institute and Institute Community Interaction**

- Although the institute has developed linkages with industries and resource organizations, there is still ample scope to do the same for further enhancing the number of projects and programmes being undertaken.
- Less number of continuing education programmes for the manpower from industry.
- Less number of community development projects or Industry oriented projects programmes and transfer of appropriate technology and entrepreneurship development.
- Less sponsored research projects.

## **ME Programmes**

- Quality of PG students not as high as students of UG programmes.
- Placement 50% for ME students.

## **R&D Culture**

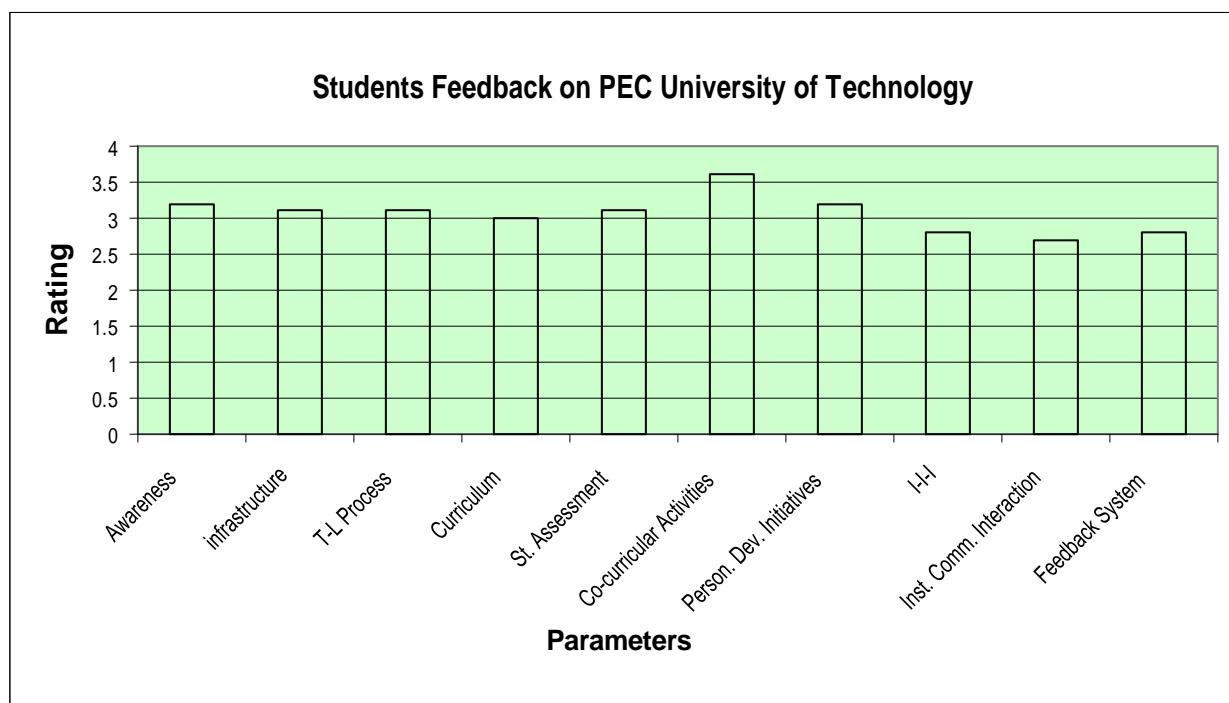
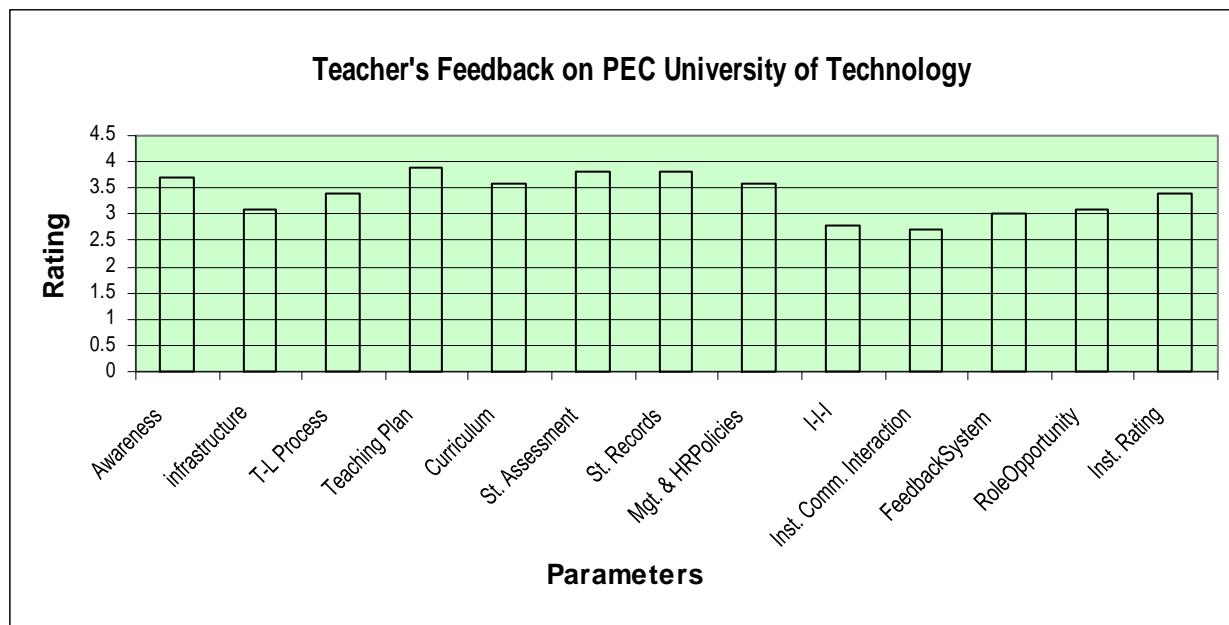
- Comparatively weak research and development culture.
- Insufficient collaboration and networking with R&D laboratories and industrial R&D houses.
- Lack of high end and high technology labs and infrastructure. Less number of R&D reports and publications.

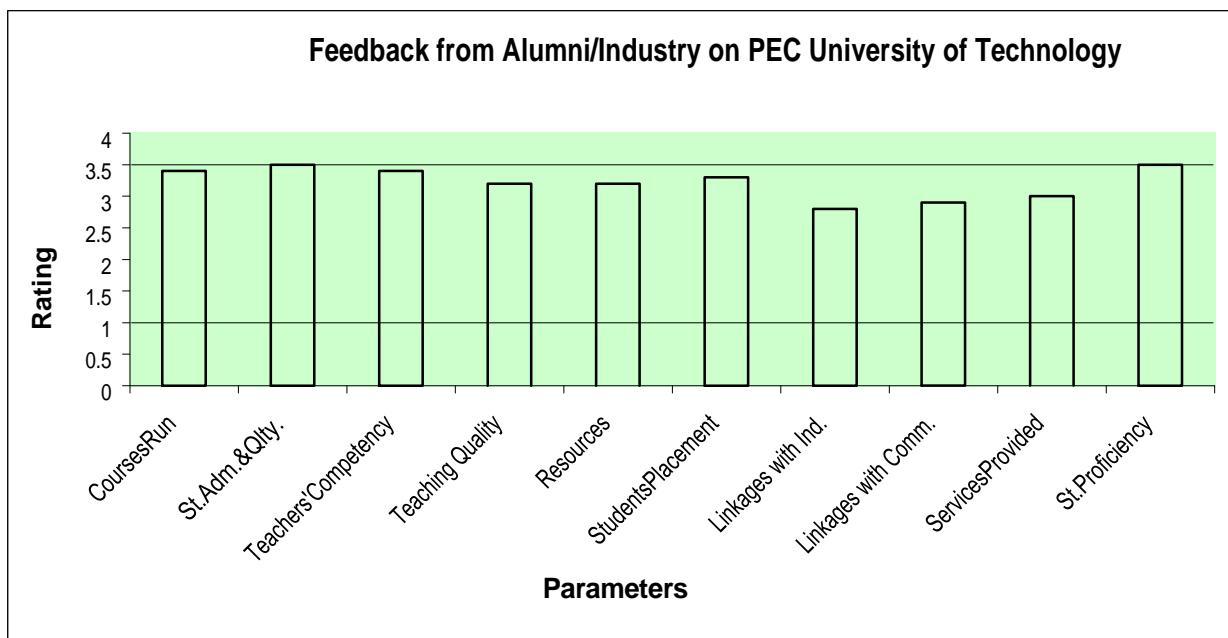
## **OPPORTUNITIES**

- Good infrastructure and expertise to initiate new programmes at master's and doctorate levels.
- High scope for R&D and consultancy projects.
- Collaboration and networking with industries, industrial associations, R&D laboratories and national and international technical institutions and universities.
- Centre of excellence in new and interdisciplinary areas of engineering and technology.
- Starting continuing education programmes for Industry employees and society in general.
- ICT enabled modernization of library / Classrooms etc.
- Enhancement of quality of education through training and knowledge up-gradation of faculty and staff.
- Improvement in operational efficiency of academic and administrative systems through enrichment programmes for senior management officials.
- Accreditation of Deemed University by NAAC and PG programmes by NBA.
- Innovative practices to improve performance of weak students/under privileged students.
- Alumini Connect.

## **THREATS**

- Mushrooming growth of engineering institutions.
- Establishment of collaborative or independent campuses by foreign universities.
- Rigid government rules and regulations.
- Opening of many engineering institute in Aerospace engineering.
- Less grant-in-aid from UT Administration.
- Poor Infrastructure facility in comparision to private universities in the surrounding regions.





### **2.2.2 Based on SWOT analysis, provide the strategic plan developed of institutional development**

PEC University of technology is an institute of about 95 years standing committed to providing diversified and high quality technical education. Although the institute is running 14 Postgraduate Programmes (03 programmes added under the TEQIP-II from 2010-14), the quality of all of these programmes is not as good as its undergraduate programmes. It is envisaged to strengthen its postgraduate technical education that can lead to innovative Master's and Ph Ds, and effective employability. The institute considers postgraduate education and the research activity to be crucial for fulfillment of its mission.

Therefore, PEC plans to take lead in providing good quality educational services and research and development results that can support regional and national development, and contribute to innovation. Under the TEQIP project, institute has planned

- Qualitative improvement of ME and PhD programmes
- Establishment of Central Research Facilities and addition of new research facilities.
- Up gradation of existing PG labs
- Improvement of learning resources and modernization of classrooms/ Seminar halls using ICT based systems.
- Improvement of competence of faculty & staff
- Improvement of institute's systems.

**2.2.3 Show how the results of SWOT analysis are linked to the key activities proposed in the proposal**

S. No	Gaps Identified by SWOT Analysis	Key activities in proposal
1.	Need for strengthening of PG education	Infrastructure improvement for PG technical education through: Up gradation of existing PG Labs, Library modernization and ICT based classrooms/Seminar Halls.
2.	Quality research activity	Providing teaching and research assistantships to increase enrolment in existing and new ME programmes in Engineering disciplines & existing PhD Program.
3.	Need to develop Research and development culture	Enhancement of R&D and institutional consultancy activities by establishing central research facility.
4.	Need to enhance faculty and staff competence	Faculty
5.	Need for enhancing linkages with industry	Enhancement of Industry – Institute interaction
6.	Improving the operational efficiency of academic & administrative systems	Institutional Management Capacity enhancement
7.	Need for accreditation of ME Programmes	Implementation of institutional reforms
8	Innovative practices to improve performance of weak students & underprivileged	Academic support for weak students
9.	Incremental Operating Cost	Operation of TEQIP - II

**2.3 State the specific objectives and expected results of your proposal in terms of “Institutional strengthening and improvements in the employability and learning outcomes of graduates”. These objectives should be linked to the SWOT analysis**

S . N o	Gaps by SWOT Analysis	Key Activities	Specific Objective	Expected Results
1.	Need for strengthening of PG education	<p>Infrastructure improvement for PG technical education through:</p> <p>Strengthening existing PG Labs and Developing new Central Research Facility*</p> <p>Library modernization</p>	<p>To enhance the research and development capabilities</p> <p>To provide access of learning resources to students and staff through modern and well equipped library</p>	<p>Enhanced research output in terms of publications / Industrial orientated consultancy projects.</p> <p>Digital Library</p>

2.	Quality Research Activity	Providing teaching and research assistantships to increase enrolment in existing and new ME programmes in Engineering disciplines & existing PhD Program.	To attract better quality students in ME & PhD programmes by offering assistantship to enhance enrolment at ME and PhD levels	30 ME assistantships for 2 years  30 PhD assistantships For 3 years.
3.	Need to develop Research and development culture	Enhancement of R&D and institutional consultancy activities	<ul style="list-style-type: none"> <li>- Securing increased Sponsored Projects and consultancy assignments</li> <li>- Collaboration with industry and Research organizations</li> <li>- Increased quality &amp; no. of publications in peer reviewed journals</li> <li>- Industry linked research projects by ME students</li> </ul>	Raising the revenue from sponsored projects & consultancy from present value of Rs 100 lakhs to 150 lakhs  Enhanced publication quality
			Enhanced quality of students interaction with industry	
			Research funding for young faculty of the institute	

4.	Need to enhance faculty and staff competence	<p>Faculty and staff development (including faculty qualification upgradation, pedagogical training, and organizing /participation of faculty in workshops, seminars and conferences) for improved competence based on TNA</p>	<p>Holistic development of faculty and staff for enhancing their efficiency and effectiveness for fulfilling the requirement of various projects under Institutional Development</p> <p>Sending faculty to short term courses, conferences, workshops, industries in India and abroad for Upgradation of qualification, acquiring knowledge in emerging areas and industrial processes &amp; improving teaching competence</p> <p>Sending Technical staff for acquiring technical knowledge</p> <p>Sending Administrative staff for acquiring office work and automation</p>	<p>20 faculty to attend National Conference</p> <p>5 faculty to attend International Conference/Symposia/Workshop/ STC</p> <p>10 Faculty to attend National Short term course</p> <p>5 Senior Faculty to attend International conference/symposia/seminar/short term course</p> <p>10 Faculty to be send for industry based knowledge enhancement</p> <p>10 Technical Staff to be sent for improvement of technical competence</p> <p>10 Administrative Staff to be sent for improvement of office/ purchase procedure</p>
5.	Need for enhancing linkages with industry	Enhancement of Industry – Institute interaction	Industrial exposure and knowledge updation of faculty & staff	One Curriculum development workshop per deptt. in collaboration with industry

			Industry oriented projects for PG and PhD students  Signing MoUs for joint activities with Industry	Campus placement enhancement from 20% to 50% for ME students   Industry leaders summit for students – one every alternate year   Alumni industrialist lectures / Mentorship to students   Increased support for industrial tours
6.	Improving the operational efficiency of academic & administrative systems	Institutional Management Capacity enhancement	Enrichment programmes for senior management officials of the institute	International or National Enrichment Programmes to be attended by senior officials including - Chairman BOG & Vice Chairman BOG, Members of Board from Chandigarh Administration, Director, Deputy Director, Registrar, Deans, HoDs.
7.	Need for accreditation of ME Programmes	Implementation of institutional reforms	To deliver ME Program meeting accreditation standards	- Short Term Courses/ Lectures  - Curriculum development workshop as at S. No 5)

8	Innovative practices to improve performance of weak students & underprivileged	Academic support for weak students	To Improve pass rate & employability	<ul style="list-style-type: none"> <li>- Communication skill Courses</li> <li>- Summer Courses to UG &amp; PG weak students</li> <li>- Personality Development Programmes/Workshops</li> </ul>
9.		Incremental Operating Cost	Continuation of execution of TEQIP II	<ul style="list-style-type: none"> <li>- Operational activities of TEQIP-II (Manpower/equipment/travel /outsourcing etc.)</li> <li>- Participation &amp; organizing conference/seminars/workshop</li> </ul>

## **2.4 Provide an action plan for scaling-up enrollment into Master's and Doctoral programmes**

The number of ME and PhD students provided assistance ship under TEQIP – II is only 60 (30 M.E and 30 PhD). With additional funding these students can be continue to be supported under TEQIP – II. Better quality students can be attracted with better academic results, good learning resources, quality teaching and research environment and better assistantships. Therefore, the action plan comprises: Investments in faculty and staff development by training them in India and abroad through conferences/seminars/short term courses/ symposia etc.

- Procurements for setting up new Central research facility proposed and up gradation of existing labs.
- Modernization of library and ICT based classrooms and seminar halls.
- Improving relevance of curricula.
- Enhancing interaction with industry.
- Improving competence of faculty and staff.

The time lines for these activities are given below:

## 2.4 Time line for scaling –up enrollment into Masters and Doctoral programmes

S . N o	Activities	Project Months							
		1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24
1	Infrastructure improvements for PG Technical Education through								
	(a) Establishment of new central research facility								
	(b) Upgradation of existing PG Labs								
	(c) Modernization and strengthening of libraries and increasing access to knowledge resources and ICT based classrooms								
2	Providing Teaching and Research Assistantships to achieve significant increase enrolment in ME and PhD programme.								
3	Enhancement of R&D and institutional consultancy activities								
4	Faculty and Staff development	—	—	—	—	—	—	—	—
5	Enhanced interaction with Industry								
6	Enhancement of Management Capacity for better governance.								
7	Implementation of institutional reforms								
8	Academic support for weak students								
9	Incremental Operating Cost								

**2.4 (a)**

Activity	Project Months							
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24
<b>Action Plan for Scaling up ME enrolment</b> <ul style="list-style-type: none"><li>- Advertisement and start of online admission process.</li><li>- Online counseling and admission</li><li>- Assistantship Distribution</li><li>- Biannual Evaluation of their research work</li></ul>								

**2.4 (b)**

Activity	Project Months							
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24
<b>Action Plan for Scaling up PhD enrolment</b> - Advertisement - Online registration and conducting test for Ph.D admission - PhD enrolment - Assistantship Distribution - Biannual Evaluation of their research work								

## **2.5 Provide an action plan for improving collaboration with Industry.**

Interaction of academia and industry is a two-party endeavor, but highly dependent on academic interest and pro-activity. Although institute has more than 15 MOU's signed with various reputed Industries, research organizations, foreign Institutions with varied scope of activities such as training of our students, research activities, innovation projects etc. With limited funds available for this purpose, only limited number of students from such collaborations and that too at UG level are benefitted from these collaborations. It is felt that the benefit can be extended to more number of students at UG and PG levels by organizing Industry leader's summit and workshop on innovations, membership through entrepreneurship cell for students, inviting alumni industrialists for expert lecture and increasing support for industrial tours of the students to industry. Further, curriculum workshops will be organized by each department inviting Industrial personnel to improve the relevance of present curricula and such interactions are expected to result in better interaction of faculty with them to explore industry oriented research at PG level. Our faculty and staff will be provided incentives for training at industries to improve their knowledge and understand the industrial processes.

## **2.6 Provide an action plan for:**

- **Quantitatively increasing and qualitatively improving research by their faculty individually jointly and collaboratively**

It has been planned that

- Establishing a new central research facilities
- 10 faculty to attend National Conference
- 5 faculty to attend International Conference/Symposia/Workshop/ STC
- 10 Faculty to attend National Short term course
- 10 Faculty to be send for industry based knowledge enhancement
- 10 Technical Staff to be sent for improvement of technical competence
- 10 Administrative Staff to be sent for improvement of office/ purchase procedure

- **Developing research interest among undergraduate students**
- **Collaborating with Indian and foreign institutions in academic and research area through MoUs**

PEC University collaborate with British council to promote synergy in the areas covering innovative teaching, technology development and translational projects at United Kingdom. Signing of MoU to foster co-operation for faculty exchange through deputation for short term assignments and other activities which will include joint projects, joint supervision of doctoral students and other academic programmes of mutual interest. Such agreement will include various activities which will enable both PEC and foreign academic institutions to exchange students at both undergraduate and postgraduate levels for internship/projects and course work in regular engineering curriculum for a period of upto six months to one year.

## **2.7 Attach the summary of Training Needs Analysis carried out. Also provide**

## Action Plan for Section 2.5 & 2.6

Activity	Projects Months							
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24
<b>2.5 Action Plan for Improving Collaborations with Industry</b> - Curriculum Development Workshop - Industry leader summit - Campus Interviews for enhancing placement - Alumni Industry lectures/interaction								
<b>2.6 (i) Action Plan for Qualitative and Quantitative Improvement in Research by faculty</b> - Seeking proposals - Presentation for selection - Project sanction - Evaluation - Attending National Conference by faculty - Attending International Conference by faculty - Short term Course - Industry based visit and knowledge enhancement								
<b>(ii) Action Plan for Developing Research interest in UG</b> - Workshop for UG students - Seeking Proposal & Presentation - Project Sanction - Evaluation								
<b>(iii) Action Plan for Collaborating with Indian &amp; Foreign Institutes</b> - Formal Correspondence - Visiting - Signing MoU								

## Action Plan Institutional Reforms

Activity	Project Months							
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24
<b>Action Plan for Institutional Reforms</b> <ul style="list-style-type: none"> <li>- Curricular Reforms Workshop</li> <li>- Exercise of autonomy (already exists)</li> <li>- Establishment of Four Funds</li> <li>- Generation, Retentions &amp; Utilization of IRG</li> <li>- Filling of existing faculty vacancy</li> <li>- Filling of existing staff vacancy</li> <li>- Delegation of decision making power to senior faculty</li> <li>- Improved students performance</li> <li>- Performance appraisal of faculty by students</li> <li>- Faculty incentive for continuing Education, Consultancy and R&amp;D</li> <li>- Accreditation of UG &amp; PG UG accredited for 2014 - 16 PG applied for (2014)</li> </ul>								

**Faculty Development Plan from the first 18 months to achieve competence based on Training Needs Analysis (TNA) in the following area**

- o Basic and advanced pedagogy training
- o Subject / domain knowledge enhancement
- o Attendance in activities such as workshops seminars etc
- o Improvement in faculty qualifications
- o Improving research capabilities

**Summary of Training Needs Analysis:** A brief summary of TNA carried out is as follows:

**A) FACULTY DEVELOPMENT PLAN**

Sr. No.	Functional Area	No. of persons to be trained	Place where the training to be provided	Date
1.	Up-gradation of qualifications	4	IITs / PEC	2014-16
2.	Knowledge in new and emerging areas	25	IITs/PEC/NITTTRs	2014-16
3.	Improving competence in Teaching Methodologies and Development of learning resources and teaching aids	11	IITs/PEC/NITTTRs	2014-16
4.	Improving competence in research and consultancy and managing linkages with institutions / industry	12	IITs/PEC/NITTTRs	2014-16
5.	Personality Development Programmes, General Management & Administration, Quality Management	18	IIMs/NITTTRs/PEC	2014-16
6.	Deputation to conferences, seminars, presentation of research papers	As per the needs of faculty & staff.		2014-16

## **B) STAFF DEVELOPMENT PLAN**

### **TECHNICAL STAFF**

To upgrade and update the skills of technical staff, it is further proposed to provide training to them in the following areas by organizing training programs in the campus as well as sending them to other places or both.

#### **(i) ACTION PLAN FOR TRAINING OF TECHNICAL STAFF**

Sr. No.	Area	No. of persons to be trained	Place where the training to be provided	Date
1.	Operation and Maintenance of Machines & Equipment	8	PEC/Supplier Campus	2014-16
2.	Upkeep of Institute Services	4	PEC/Supplier Campus	2014-16
3.	Advanced Knowledge in Occupational areas	4	PEC/NITTTR/Supplier Campus	2014-16
4.	Motivational/Attitudinal Development Programmes	8	PEC/NITTTR/Supplier Campus	2014-16

#### **(ii) ACTION PLAN FOR TRAINING OF ADMINISTRATIVE STAFF**

The administrative supporting technical staff shall be trained in office procedures, software, office automation, maintenance of records, procedures, etc. The detailed plan of training is given below:

Sr. No.	Area of Training	No. of persons to be trained	Place where the training to be provided	Date
1.	Office Procedures, Financial and Purchase rules, RTI and other Legal matters, maintenance of records and other functional areas.	8	PEC / Chandigarh / Inst. of Secretariat Trg & Mgt. New Delhi / Inst. Of Socio Economic Research and Action(ISERA), New Delhi	2014-16
2.	Use of Modern Office Equipment, Software, Office Automation	6	PEC/Chandigarh/Suppliers	2014-16
3	Motivational/Attitudinal Training/Communication Skills etc	8	PEC/NITTTR, Chd./Delhi	2014-16

## **FACULTY AND STAFF DEVELOPMENT FOR IMPROVED COMPETENCE**

Training need analysis has been conducted at PEC University of Technology, Chandigarh to enhance faculty and staff competence. The broad objective of TNA has been the holistic development of faculty and staff for enhancing their efficiency and effectiveness for fulfilling the needs of various projects and programmes. For this purpose a set of questionnaire has been used to assess the training needs at individual level (Faculty and staff) and its finalization at the departmental level. Based on the above information, an institution development plan has been made. The faculty and staff development plan is closely linked with the vision, mission and overall goals of the institution. The broad strategy for preparing faculty and staff development plan comprised of:

(i)	Faculty with experience less than five years	Pedagogical skills, Communication Skills, Educational Technology, Knowledge in new and emerging areas.
(ii)	Faculty with experience more than five years	Knowledge in new and emerging areas, Research & Consultancy, Industry-Institute Interaction, Curriculum Development.
(iii)	Heads of Department	Curriculum Implementation, Knowledge in new and emerging areas, Department Management, Human Resource Management, Institute Development, General Management.
(iv)	Director	Institute Building, Education Planning & Management, Leadership and General Management

## **Faculty development plan**

<b>Activity</b>	<b>Project Months</b>							
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24
1. Subject / domain knowledge enhancement								
- Attending short term course in India & Abroad				■		■		■
2. Attendance in activities such as Workshops, Seminars etc.			■	■	■	■	■	■
3. Improvement in faculty qualifications								
- Faculty will be sent for obtaining PhD degree to IITs under QIP program and Foreign Universities as per the institute norms approved by BOG.		■				■		
4. Improving research capabilities								
- Faculty will be sent to attend conferences								
- Faculty will be sent to industries for interaction & improve the industries linked research capabilities								

**2.8 Provide an action plan for training technical and other staff in functional areas**

**(a) Action Plan for Training of Technical Staff**

Staff	Training in following functional Areas	No of Staff	Training Months							
			1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24
Technical	(i) Operation and Maintenance of Machines & Equipment	3								
		2								
	(ii) Upkeep of Institute Services	3								
		2								
	(iii) Advanced Knowledge in Occupational areas	3								
		2								
	(iv) Motivational/Attitudinal Development Programmes	3								
		2								

Staff	Training in following functional Areas	No of Staff	Training Months							
			1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24
Administrative	(i) Office Procedures, Financial and Purchase rules, RTI and other Legal matters, maintenance of records and other functional areas.	3								
		2								
		3								
	(ii) Use of Modern Office Equipment, Software, Office Automation	2								
		3								
		2								
	(iii) Motivational/Attitudinal Training/Communication Skills etc	3								
		2								

**2.9 Describe the relevance and coherence of Institutional Development Proposal with State's/National (in case of CFIs) Industrial/Economic Development Plan.**

The Chandigarh Administration is already in the process of upgrading its infrastructure in important areas like Education, Health and Power etc. The PEC University of Technology being a premier institute in Chandigarh has responsibility of keeping high standards of technical education. The TEQIP – II proposal for sub component 1.2 is intending to increase the quantity of ME and PhD students and improving the quality of these programmes. This proposal is directly in line with Chandigarh Administration plan to a premier education city of the country.

**2.10 Describe briefly the participation of departments / faculty in the proposal preparation and implementation.**

This proposal has been discussed in full with all Heads of the Departments, Deans and senior faculty members. The SWOT analysis was performed by the Director NITTTR, Chandigarh. The diagnostic was shared with the graduate students and a small sample of industry leaders and professionals and all the departments of the institute. The activities have been planned based on SWOT and as per the requirements of the Institute /Faculty/Staff/Students. The action plan for such activities has been proposed while keeping academic and financial years into consideration. The proposal has been approved by the Board of Governors of PEC University of Technology.

## 2.11 Institutional Project Implementation Arrangements

Work Activity	Year - 1												Year - 2											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Establishment of new Central Research Facility ( <b>objective 1</b> )												x												
Upgradation of existing PG Labs				x																				
Digitization of Library				x																				
Procurement of e-books & CD bank				x																				
Consultancy Services									x												x			
To attract better quality student in ME & PhD Programmes ( <b>objective 2</b> )																								
Norms and guidelines		x	x																					
BOG Approval			x	x																				
Advertisement					x	x																		
Admission						x	x																	
Starting Scholarships							x																	
Research & Development Culture ( <b>objective 3</b> )	x																							
Securing Sponsored Research	x																							
Securing Consultancy assignment	x																							
Collaboration with Industry								x																
Industrial link projects by ME students							x																	
Call for Research funding to							x													x				

Fund distribution									x										x		
Evaluation of projects carried out through Research funding to young faculty																				x	
<b>(objective 4)</b> Faculty Staff Development Faculty to attend conference / seminar	x																				
Faculty to attend short term course					x	x				x	x					x	x				x
Technical Staff to attend Training programme					x	x				x	x					x	x				x
Administrative staff to attend Training Programme					x	x				x	x					x	x				x
Enhancement of industries Institute interaction <b>(objective 5)</b>																					
Curriculum Development Workshop					x	x	x									x	x	x			
Industry personal visiting to campus	x																				
Industry leaders summit for students																					
Alumni industrialist lectures to students			x	x				x	x						x	x			x	x	
Institutional Management Capacity enhancement <b>(objective 6)</b>	x																				
To deliver ME programme meeting accreditation standards( <b>objective 7</b> )																					
Accreditation of ME programme	x																				

Curriculum Development Workshop						x																			
Short term courses					x	x				x	x					x	x								
Academic support for weak students ( <b>objective 8</b> )																									
Communication skill workshop							x	x												x	x				
Summer Courses to UG & PG Programmes			x	x											x	x									
Personality Development Programmes		x	x												x	x									

**2.12 Provide an institutional project budget in Table No.34.**

**Institutional Project Budget for Sub-Component 1.2**

**Table-34:**

S . N o	Activities	Project Life Allocation (Crores)	Financial year (Amount in	
			2014-15	2015-16
1	Infrastructure improvements for demand driven research and PG Technical Education through			
	(a) Establishment of new central research facility (Field Emission Scanning Electron Microscope, High Resolution Transmission Electron Microscope, X-ray Diffractometer, UV-Vis-NIR, GCMS, ICP-AAS, Vacuum Coating Unit (Thermal Evaporation), Semiconductor Device Analyzer, etc.)	3.20	1.60	1.60
	(b) Upgradation of existing PG Labs	0.24	0.12	0.12
	(c) Digital Library and increasing access to knowledge resources and ICT based classrooms	0.16	0.08	0.08
2	Providing Teaching and Research Assistantships to achieve significant increase enrolment in ME and PhD programme.	1.60	0.80	0.80
3	Enhancement of R&D and institutional consultancy activities	0.40	0.20	0.20
4	Faculty and Staff development	0.80	0.40	0.40
5	Enhanced interaction with Industry	0.40	0.20	0.2
6	Enhancement of Management Capacity for better governance.	0.16	0.08	0.08
7	Implementation of institutional reforms	0.08	0.04	0.04
8	Academic support for weak students	0.16	0.08	0.08
9	Incremental Operating Cost	0.80	0.40	0.40
<b>TOTAL</b>		<b>8.00</b>	<b>4.00</b>	<b>4.00</b>

**2.13 (a) Provide the targets against the deliverables given in Table 35.**

**Table-35**

**Project Targets for Institutions under Sub-Component 1.2**

S. No.	Deliverables	Base-Line 2014 -15	Targets to be achieved	
			At the end of 2 years of joining the Project	By Project closing
1	Number of students registered for (a) Masters in Engineering programme (b) Doctoral Programme in Engineering	531 200	574 250	574 250
2	Revenue from externally funded R&D projects and Consultancies	100	125	150
3	Number of (a) Research publications in refereed journals • National journals • International journals (b) Citations	119 173	130 185	140 195
4	IRG as % of total recurring expenditure	48.6%	52%	55%
5	Number of co-authored publications in refereed journals (a) National (b) International	119 173	130 185	140 195
6	Student credentials (a) Campus placement rate of • UG students • PG students (b) Average salary of placement package for (Rs. in lakh) • UG students • PG students	91 17 4.0 3.5	92 25 4.25 4.00	95 35 4.54 4.5
7	Number of collaborative programmes with Industry	2	3	4
8	Accreditation Status (obtained and applied for)		At least 100% of eligible UG programmes and 100% of eligible PG programmes	100% for UG and PG programmes
9	Vacancy position for faculty and Staff	32% 34%	Vacancy reduced to 5% or less	Zero vacancy

10	Percentage of regular faculty with PhD in Engineering disciplines	50%	At least 20% 55%	At least 25% 60%
11	Any other (maximum three)			
(i)	MoUs with Industry	15	18	20

**2.14 Give an action plan to ensure that the project activities would be sustained after the end of the project**

#### **Project Sustainability**

In the years after the implementation of the project, the following needs will be have to be attended:

1. General expenses for electricity, water
2. Materials for the use of the laboratories and instruments
3. Maintenance of the laboratories
4. Maintenance of the scientific equipment
5. Systematic update and increase of purchased equipment
6. Teaching and Research Assistantships to ME & PhD students.

1. The first three items on the list are considered in the budget and will require minor adjustment in budget.
2. New ME programme will be sustained on self financed basis and through industry support & through industry linkages
3. The Laboratories and facilities developed through TEQIP will be maintained through Sponsored Projects and Consultancy.
4. The Teaching & Research Assistantships will be sustained through industry support, through Industry – Institute linkages developed during the TEQIP – II. In addition, this aspect will be considered in IRG & future budget of the institute.
5. Funds for the maintenance and permanent updating of the equipment, upgradation of Library, faculty, and staff developments will be considered in IRG and the institute budget.
6. The University is committed to integrate new technological development into engineering education and improve the quality of programmes offered on a long stand basis, which implies that the fund requirement for upgradation of UG and PG Laboratories and research facilities of the institute will be considered in future budgets and IRG of the institute.

The University is fully committed in implementing this project, its specific objectives and actions and in reaching the expected results. To this purpose, it will provide the necessary human and materials resources, including faculty time and administrative support when fully implemented and after project closure, the University will cover the necessary operational costs to assure quality academic services to the students

## 2.15 Provide procurement plan for goods & civil work for Sub-Component 1.2 in Table - 36

Name of the institution with location: PEC University of Technology, CHANDIGARH, U.T.

Package No	SI No	Activities	Description of Works/Goods	Estimated Cost	Method of Procurement	Design Investigation Completion/ Specification	Estimate Sanctioned (Date and Value)	Preparation of Bid Document (Date)	Bids		
									Invitation (Date)	Opening (Date)	
1	2	3	4	5	6	7	8	9	10	11	12
1	I	<b>Developing New Central Research Facility:</b>	Field Emission Scanning Electron Microscope,  High Resolution Transmission Electron Microscope,  X-ray Diffractometer,  UV-Vis-NIR,  GCMS,  ICP-AAS,  Vacuum Coating Unit (Thermal Evaporation), Semiconductor Device Analyzer, etc.	11	As per the institute GFR	Within One Month of the Start of the Activity	Within One Month from 7	Within One Month From 8	Within One Month From 9	Within One Month From 10	Within One Month From 11

2	I	<b>Modernization and strengthening of libraries and increasing access to knowledge resources and ICT based classrooms</b>	RFID Application Software along with LIBSYS 7	2.0	Do						
3	I	<b>Upgradation of existing PG Labs</b>  <b>Industrial Material and Metallurgical PG Lab</b>	1. Lab scale rolling mill  2. Compaction press	0.25	Do						
	II	<b>Electrical PG Labs</b>	1. Simulation Software 2. Thermal Measurement 3. Analyzer	0.14	Do						
	III	<b>CSE PG Labs</b>	1. Malware Analysis System	0.15	Do						

**Table-37**

**Procurement Plan for Consultant Services for Sub-Component 1.2**

Name of the institution with location: PEC University of Technology, CHANDIGARH ,U.T.

Sr. No	Activities	Description of Services	Estimated Cost (Rs)	Methods of Selection @	To R Finalization (Date)	Advertisement (Date)	* RFP Final Draft to be forwarded to the Bank (Date)**	No Objection from the Bank for RFP (Date)**	RFP Issued (Date)	Proposals Received (Date)	Evaluation (Date)	No Objection by the Bank (Date)**	Contract Value and Date of Award	Contract completion (Date)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	<b>SWOT Analysis &amp; TNA</b>	Carrying out SWOT /TNA Of the Institute	0.05	UT Depute	Within one month	Within one month	N.A	N.A	Within one month	Within one month	Within one month	Within one month	Within one month	Within one month
2	<b>Financial Auditing</b>	Financial Budget /Expenditure Auditing	0.03	As per Norm	DO	DO	N.A	N.A	DO	DO	DO	DO	DO	DO
3	<b>Traning In house</b>	Mentoring And others Etc.	0.04	Do	DO	DO	N.A	N.A	DO	DO	DO	DO	DO	DO

\* RFP (Request for Proposal): Same as 'Bid Document' # Technical and Financial

\*\* Applicable in case of 'Prior Review' by the World Bank

@ State Whether (i) Single Firm or Individual: or (ii) Competitive Procedure. If Competitive, then state whether quality and Cost based selection (QCBS) or Quality based selection (QBS) procedure.

## **2.16 SPECIFIC ACHIEVEMENTS OF THE INSTITUTE**

**As listed below**

<b>S No</b>	<b>Achievements</b>	<b>Annexure no.</b>
1	International Publication 2010-14	Annexure - IX
2	National Publication 2010-14	Annexure - X
3	Book Publication 2010-14	Annexure - XI
4	Conference Organized 2010-14	Annexure - XII
5	Seminar /Workshop Organized 2010-14	Annexure - XIII
6	Specialized Training Program Conducted 2010-14	Annexure - XIV
7	Short Term Courses Organized	Annexure -XV
8	Collaborations /MOUs	Annexure - XVI
9	Placements through campus 2010-14	Annexure - XVII
10	All India Ranking 2010-14	Annexure - XVIII
11	Renowned Alumni of PEC University Of Technology	Annexure - XIX
12	Industry Interaction through Consultancy 2010-14	Annexure - XX
13	Extension Lecture 2010-14	Annexure - XXI
14	Sponsored Research projects 2010-14	Annexure- XXII
15	In house research projects 2010-14	Annexure- XXIII

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- 20 Vasundhara Singh ,  
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Satwant Shahi,  
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21	Vasundhara Singh , Amanpreet Kaur	“Study of silica bound sulphonic acid catalyst for few acid catalysed reactions” Poster has presented at 16th CRSI National Symposium in Chemistry held at IIT Bombay from 7th Feb. to 9th Feb., 2014
22	Vasundhara Singh, Satwant Kaur	“Effect of phase change behavior of nanocrystalline TiO <sub>2</sub> using functional ionic liquid” Poster has presented at 16th CRSI National Symposium in Chemistry held at IIT Bombay from 7th Feb. to 9th Feb., 2014
23	Vasundhara Singh, Navneet Kaur , Amanpreet Kaur, Satwant Shahi	“Anomalous behaviour of metal, non metal codoped TiO <sub>2</sub> for degradation of reactive dyes” Poster has been presented from 3rd to 5th March, 2014 at Institute of Nanoscience and Technology, Mohali
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34	Goyal Tripta, Sharma Shashank	“Analysis of Non-motorized vehicles in Chandigarh – A Sustainable Transport System”, National Conference on Sustainable Infrastructure Development, April 13-14, 2014 organised by NITTTR (MHRD, Govt of India) Chandigarh
35	M. A Alam, Rishav Sharma, Rajat Kango	Study of Watershed Management in Hilly Area National Conference on current advances in Hydraulics, Hydropower Engineering and Water Conservation (CAHHEWC) NIT Kurukshetra
36	Mohit Kumar, M.A. Alam, Amit Sindher, Rajat Kango	Effect of Channel slope and Roughness on Hydraulic jump- An overview National Conference on current advances in Hydraulics, Hydropower Engineering and Water Conservation (CAHHEWC) NIT Kurukshetra
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39	S Bhardwaj and S.K Singh	‘Influence of Load Obliquity on Pullout Capacity of Micropile in Sand’ Indian geotechnical journal, (in press), DOI 10.1007/s40098-014-0123-5
40	R R Singh	“Study on strength and durability characteristics of geo polymer concrete” on 26 april-27 april 2014 organised by Krishi Sanskriti (Jawaharlal Nehru University, New Delhi)
41	Umesh Sharma	Enabling Technologies of Intelligent Transportation System- A Summary, PP35-44. National Conference on Advancements in Construction Technology & Management (NCATAM-2013).
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62	Venu Sangwan, Balwinder Singh Surjan	“Generalized Dynamic Modeling of Asynchronous Machine Using Matlab/Simulink & Its Performance in Different Reference Frames,” National Conference on Recent Advances in Power Systems (RAPS-14), PEC University of Technology, Chandigarh, 28th June, 2014,ISBN: 978-93-83842-59-9, pp-380-388.
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82	Himanshu Batra, Deepak Kumar, Rintu Khanna	“Effects of Converter station faults on Generator shaft torque with and without SMES unit”, National Conference on Recent Advances in Power System (RAPS-2014) held at PEC University of Technology, Chandigarh, pp.305-312,28th June, 2014.
83	Vinita, Deepak Kumar, Rintu Khanna	“Performance Enhancement by Unified Power Quality Conditioner Using Intelligent Controller”, National Conference on Recent Advances in Power System (RAPS-2014) held at PEC University of Technology, Chandigarh, pp. 305-312,28th June, 2014.
84	Tushar Agarwal, Puneet Chawla	“Review of Power System Optimisation Techniques” in Recent Adances in Power System RAPS- 2014, on 28th june 2014,at PEC University of Technology

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88	Jaimala Gambhir, Tilak Thakur	National conference on New Approach in Chemical Science and Advancement in Renewable Energy at SRM University Ghaziabad, from 4-5 April 2014.” Renewable energy in India: Harnessing the potential.”
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90	Loveleen Kaur, Rohit Kumar,	Study of MPPT Techniques in PV Array in National conference on Recent Advances in Power System (RAPS-2014) on 28th june ,2014 organized by EED, PEC University of Technology.
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99	Sukhwinder Singh, Neelam Rup Prakash	“Mathematical Morphology based Novel Edge Detector”, National conference on Latest Development in Science, Engineering & Management held at Amritsar College of Engineering & technology ,Amritsar, Punjab(India) on Mar.28-29,2014.
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106	D. R. Prajapati	Determination of Productivity improvement of a manufacturing industry using work measurement: A Case Study National conference on Recent Trends in Mechanical and Production Engineering (RTMPE' 2013) 21st -22nd December, 2013, Samrat Ashok Technological Institute (Engineering College), Vidisha (M.P.) National Samrat Ashok Technological Institute (Engineering College), Vidisha (M.P.) 21st -22nd December, 2013,

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114	Vasishta Seema, Dhanda Maninder Kaur	“Assessing User Satisfaction with Information Resources and Library Services: A Survey of PEC University of Technology, Chandigarh” KELPRO Bulletian, 18(1), 27-40
115	Jagtar Singh Gill	Resource person, Workshop on “Research Techniques and SPSS” organized by Education Dept. Chandigarh Administration and Department of Physical Education (TE&L) Post Graduate Government College, Sector 11, Chandigarh, 14-20, October 2013
116	Jagtar Singh Gill	Resource person, “Global Scientific Conference on Physical Education, Health and Sports Sciences” organized by Department of Physical Education, Guru Nanak Dev University , Amritsar from 24 to 26th January, 2014
117	Jagtar Singh Gill	Resource person, Refresher & Orientation course for Coaches organized the Chandigarh Sports Council and Sports Dept., Chandigarh Administration from 17th to 21st February, 2014.

- 118 Jagtar Singh Gill Resource person, UGC Refresher course for Physical Education Faculty organized by Academic Staff College and Dept of Physical Education, Punjabi University, Patiala, 19th March to 9th April, 2014.
- 119 Jagtar Singh Gill Resource person, UGC Summer School on “Higher Education: National Repository of Human Capital” organized by Academic Staff College and School of Open Learning, Panjab University, Chandigarh from 10 to 30th June, 2014

**BOOKS PUBLISHED (2010)**

Seema Vasishta	Managing technological changes in the information communication technology regime. In book entitled "Knowledge Management" edited by R. Hariharan, Uday Publishers India Ltd., New Delhi, 2010, pp 595-610
Vasundhara Singh	Book chapter "Solar Photocatalytic Treatment of Actual Wastewater from Textile Industry: Enhancing biodegradability", in the book titled Technologies and Management for Sustainable Biosystems, Nova Science Publishers, pp 35-49, New York, 2009
Ajay Mittal	Programming in C: A practical approach, Pearson publisher
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Vasishta Seema	Developing and Managing Digital Repository for the Special Collections: A Framework. In book entitled "Recent Trends in Library Services" edited by Dr. Mange Ram & Dr. Ram Chander, Vayu Education of India, New Delhi, 2011, pp 21-27
R S Walia	Modern's abc of Engineering Materials and Metallurgy, Modern Publishers, 2011
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Dr. Alakesh Manna	A Text Book of Reliability and Maintenance Engineering I.K. International Publication; ISBN: 978-93-80578927; 2011
Prof. Shalom Akhai	Engineering Thermodynamics Dhanpat Rai & Co
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- Vasishta, Seema Mapping the Information for the Users in Turbulent Times: Exploiting the Information Technology. In book entitled ‘Future Directions in Information Management’ edited by Dr. S. Yadagiri, pp 234-46.
- Vasishta, Seema Landscape of Collection Development of E-journals: Footprints to be Followed. In book entitled ‘E-resources Management in Libraries: Issues and Challenges’ edited by Dr. Mukesh Saikia and Dr. Monawwer Eqbal, KK Publications, Guwahati, pp 75-82. ISBN: 978-93-81691-16-8.
- Inderdeep Singh, Sarbjit Singh, “Conventional and Unconventional hole making in Metal Matrix Composites” Machining and Machine Tools: Research and Development,
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- Dr. Neena Gupta, et al. OCDMA: STUDY AND FUTURE ASPECTS, New Dimensions in Wireless Sensor & Ad hoc Network published by Springer, Germany, Accepted to be published in Year 2014
- Uma Batra, Seema Kaoor Emerging Paradigms in Nanotechnology Nano Dimensional and Nanocrystalline Calcium Orthophosphates in Biomedical Field Peterson 2013
- Thareja Priyavrat In Future Directions In Management - Selected Scholarly Papers On Ethics, Governance, Excellence And Sustainability Ethical Governance For Excellence and Sustainability Bharati Publications, New Delhi -6 2012
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Ajay Mittal, Anita Goel  
Ashok Kamthane

Pearson, Computer Programming (JNTU Hyd.), Edition 2013

Ajay Mittal, Anita Goel  
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Pearson Computer Programming (JNTU Kakinada), Edition 2013

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Uma Batra,

Novel bioactive coatings for Stainless steel bio-implants Nano Biomedicine

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B.B. Sherpa,

Study of Explosive welding process and applications Advances in Applied

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**Annexure - XII****CONFERENCE ORGANISED**

1. Prof. S K Singh  
Organized a International Conference on Environmental Geotechnics (6ICEG-2010) held on 8-12 Nov 2010, New Delhi.
2. Prof. Thareja Priyavrat  
Organized a National Conference on Entrepreneurial Innovations: Case studies on Entrepreneurs, Incubators, Incubatees and Parks, NITTTR, Chandigarh, 9-10 Nov 2010.
3. Sanjeev Sofat & Divya Bansal  
Organized Conference on Critical Information Infrastructure Protection held, Conference, August 28, 2012.
4. Dr. Tarlochan Kaur  
Organized conference on Committee (Engineering Section),, CHASCON, Chandigarh,1st March – 2nd March, 2013.
5. Ashwani Kumar, Vasundhara Singh, Sucheta K K Gogna, Asha Gupta Anju Singla, Shobhna Dhiman Satyendra Singh, Meena Mahajan Sumati Mahajan, Prem Lata, Rahul O Vaishya  
Organized a Conference on Chandigarh Science Congress 2013 (Engineering Section) on March 02, 2013.
6. Prof. Rintu Khanna, Prof. Balwinder Singh  
Organized a Conference on Recent advances in power system (RAPS-2014) from 28 June 2014 by Electrical Engineering Department, PEC University of Technology, Chandigarh.
7. Prof. Balwinder Singh  
Organized International Conference on Electrical, Electronics and Computer Science, 22nd June. 2014 (chaired a Technical Session) at Institute of research and Development India (IRD India), Rasulgarh, Bhubaneswar, Odisha,
8. Prof. Balwinder Singh  
Organized an International Conference on Electrical, Electronics and Computer Science, 22nd June. 2014 and Delivered an expert lecture on Technology Advancement and its Ill Effects at Institute of research and Development India (IRD India), Rasulgarh, Bhubaneswar, Odisha.
9. Prof. Balwinder Singh  
Ogranized a National Conference on Recent Advances in Power Systems (RAPS-14). 28th June, 2014, Chaired a Technical Session at PEC University of Technology, Chandigarh, ISBN: 978-93-83842-59-9.

10	Jagdish Kumar	Organized an International Conference on Recent Advances in Engineering and Computational Sciences (RAECS-2014), March 6, 2014, UIET, Panjab University, Chandigarh (Chaired a Technical Session).
11	Jagdish Kumar	Organized a National Conference on Innovations & Recent Trends in Engineering & Technology (NCIRET-2014), June 27-28, 2014 Vyas College of Engineering & Technology Jodhpur and Delivered Keynote Lecture on "Multilevel Inverters: Topologies, Modulation Schemes, Control Techniques & Applications".
12	S Bhardwaj, S.K Singh	'Pullout Capacity of Model Micropiles under Oblique Loads' Indian Geotechnical Organized a Conference (IGC – 2013) held at I.I.T, Roorkee, 22-24 Dec 2013.
13	S.K Singh, Datta M	'Coal Ash as a Hearting Material for Raising of Ash Dyke' Indian Geotechnical Organized a Conference (IGC – 2013) held at I.I.T, Roorkee, 22-24 Dec 2013.
14	Umesh Sharma	Organized an International Conference, March 2014 at Goa. IRF (IRAJ Research FORUM).
15	Umesh Sharma	Organized National Conference on sustainable Infrastructure Development (NCSID) at NITTTR March 2014.
16	Umesh Sharma	Organized International Conference on Advances in Engg. & Technology-2014 ICAET-2014, Chandigarh.
17	Dr. Alakesh Manna	Organized a Advancement and futuristic trends in Mechanical Engineering (AFTME-2014) from 17-18 October 2014 by PEC University of Technology, Chandigarh.
18	Dr. Rakesh Kumar	Organized Advancements and futuristic trends in aerospace engineering (AFTAE-2015) from 13-14 March 2015 by Aerospace Engineering Department, PEC University of Technology, Chandigarh.
19	Prof. Sanjeev Sofat	Half Day Round Table was organized Conference with DIT "Critical Information Infrastructure Protection – Towards a Cyber Safe City".
20	Umesh Sharma	Organized an International Conference, March 2014 at Goa. (IRF (IRAJ Research FORUM).
21	Umesh Sharma	Organized a National Conference on sustainable Infrastructure Development (NCSID) at NITTTR March 2014.
22	Umesh Sharma	Organized a International Conference on Advances in Engg. & Technology-2014 ICAET-2014, Chandigarh.

**SEMINAR / WORKSHOP/ SYMPOSIUM**

- |    |   |   |
|----|---|---|
| 1  | Dr. Tarlochan Kaur  | Organized a Workshop on Recent Developments in Mechanical Engineering from 11 to 22 June 2012 by Mechanical Engineering Department, PEC University of Technology, Chandigarh.                         |
| 2  | Dr. Divya Bansal  | Organized a Workshop on Nuturing an Industry Ready Professional from 12 to 14 September 2012 by PEC University of Technology, Chandigarh.   |
| 3  | Dr. Uma Batra   | Organized a Workshop on Advance Techniques For Material Characterization from 06 November 2012 by PEC University of Technology, Chandigarh.   |
| 4  | Prof. Kishori Lal   | Organized a Workshop on Enhancement of R&D Activities from 30 November 2012 by PEC University of Technology, Chandigarh.  |
| 5  | Dr. Neena Gupta   | Organized a Workshop on Design and simulation of photonic communication Systems from 25 January 2013 by Electronics & Communication Engineering Department, PEC University of Technology, Chandigarh. |
| 6  | Dr. Neena Gupta   | Organized a Workshop on Emerging trends in Photonics from 06 February 2013 by Electronics & Communication Engineering Department, PEC University of Technology, Chandigarh.                           |
| 7  | Dr. Tarlochan Kaur  | Organized a Workshop on Recent Trends in Renewable Energy Sources from 13 March 2013 by PEC University of Technology, Chandigarh.   |
| 8  | Dr. Uma Batra<br>Prof. J.D Sharma   | Organized a Workshop on Design, Modeling and Simulations from 22 April 2013 by PEC University of Technology, Chandigarh.  |
| 9  | Dr. Vasundhara singh and<br>Dr. Satyendra singh<br>(functional materials)<br>Dr. Uma Batra & Dr. Mamta<br>sharma (Nano Materials) | Organized a Workshop on Recent Development in Functional Materials from 26 April 2013 by PEC University of Technology, Chandigarh.  |
| 10 | Dr. Vasundhara Singh  | Organized a Workshop on Methodology for submitting proposals for sponsored research projects from 01-02 May 2013 by PEC University of Technology, Chandigarh.   |

- 11 Dr. Anju Singla Organized a Workshop on Language, communication and NSS from 30-31 August 2013 by PEC University of Technology, Chandigarh.
- 12 Prof. Har Amrit Singh Sandhu, R R Singh Organized a Workshop on Recent trends and challenges in civil engineering from 25 April 2014 by PEC University of Technology, Chandigarh.
- 13 Prof. Umesh Sharma, R R Singh Organized a Workshop on Application of GIS in Transportation Systems (AGTS-2014) from 22 August 2014 by PEC University of Technology, Chandigarh.
- 14 Dr. Divya Bansal Organized a Workshop on Business process simulation from 03 September 2014 by Computer Science & Engineering Department, PEC University of Technology, Chandigarh.
- 15 Dr. Umesh Sharma Organized a Workshop on Business communication from 31 October 2014 by PEC University of Technology, Chandigarh.
- 16 Dr. Poonam Saini Organized a Workshop on Research scholars congregation under chandigarh region innovation and knowledge cluster (CRIKC) from 12 November 2014 by PEC University of Technology, Chandigarh.
- 17 Dr. Divya Bansal Organized a Workshop on Cloud Computing & Bluenix-Pass model of cloud computing from 27 January 2015 by Computer Science & Engineering Department, PEC University of Technology, Chandigarh.
- 18 Prof. Rajesh Bhatia Organized a Workshop on Rational seed program from 02-05 February 2015 by Computer Science & Engineering Department, PEC University of Technology, Chandigarh.
- 19 Prof. Anju Singla National Seminar Enterpreneurship opportunities & Challenges on 26th November 2010.
- 20 Prof. Sucheta Organized a Workshop on The role & importance of basic sciences and humanities in U.G Engg. programme & revision of existing curriculum 23rd March, 2013.
- 21 Prof. Tarlochan kaur Organized a Workshop on Recent Trends in Renewal Energy Sources held on 13th March, 2013.
- 22 Prof. Uma Batra Organized a Workshop on Quality Management System in Tube Manufacturing held on 08th March, 2013.

23	Prof. Balwinder Singh	Organized a Workshop on Development in Renewal Energy Sources from 27th February, 2013 to 01st March, 2013.
24	Computer Science & Engg.	E-Procurement for Punjab Roads & Bridges Development Board, Workshop, 7-12, December 2009.
25	Computer Science & Engg.	One Day Workshop on Preparation of State Crisis Management Plan (CMP) For Countering Cyber Attacks and Cyber Terrorism, May 21, 2010.
26	Production Engg. Deptt.	Workshop on Advancement in MIG Welding on 18, June 2010.
27	Materials & Metallurgy Engg.	Competitive Product Development, Seminar in Feburary, 2010.
28	Balwinder Singh, S K Suman, Rintu Khanna, Sushant Samir	One day seminar on Chandigarh Solar City of the future: Planning & Implementation on behalf of Chandigarh Administration by PEC with the support Department of Science & Technology, Chandigarh Administration 28 Feb, 2012.
29	Divya Bansal, Ajay Mittal, Manyjeet Kaur	Faculty Enabled Programme on Nurturing professionals for Industry jointly with Infosys, FDP, Sept 12-14, 2012(STC).
30	N P Devgan, Shakti Arora, S K Singh	“Workshop on MSW Management with focus on Chandigarh” in collaboration with Chandigarh Administration on Nov. 3, 2011.
31	Dr Balwinder Singh Surjan	“Study of Distributed Generation Effectiveness in Power Grid Stability,” National seminar on “Emerging Trends on distributed Generation” NIEC New Delhi-53, 13th Oct. 2012, pp-141-14.
32	Tilak Thakur & Shailendra Kr	Study and characterization of reactive power in wind farm operation using Matlab Simulink, National Seminar on Emerging Trends in Distributed Generation (ETDG-12), 13 th October 2012, ,New Delhi.
33	Dr. Alakesh Manna, Dr. Sushant Samir	Organized one week course on “Advanced Micro manufacturing” from 03-Jun- 2013 to 7-Jun-13 at PEC, University of Technology, Chandigarh.
34	Dr. Neelam Rup Prakash, Nagendra Sah, Jasbir Kaur	Organized a One day Workshop on “Electronic System Design and Manufacturing in India: Opportunities and Challenges”, Organized with DEIT, NEW DELHI on 9th Oct 2012.

35	Dr. Neelam Rup Prakash, Jasbir Kaur	Organized a Half Day workshop on curriculum development of M.E Electronics (VLSI Design) on 11.04.2013.
36	Dr. Neelam Rup Prakash, Nagendra Sah	Organized a half Day workshop on curriculum development for revision of M.E. (Electronics) on 03.05.2013.
37	Dr. Neelam Rup Prakash, Jasbir kaur	Organized a half Day workshop on curriculum development for revision of M.E. Electronics (VLSI Design) on 03.05.2013.
38	Dr Neena Gupta	Organized an academic workshop for the entire faculty of PEC University of Technology as a part of TEQIP -II activities on 19 May 2013.
39	Neelam Rup Prakash, Jasbir Kaur	Digital Design Using Cadence Tools Feb 24 to 26, 2014.
40	Dr. Uma Batra	Organized Curriculum Development Workshop on Reforming PG Education in Materials & Metallurgical from 30th Nov 2012.
41	Prof. Shakti Kumar	Organized Curriculum Development Workshop on P.G Curriculum Revision of M.E. Environmental Engineering held on 17th April 2013.
42	Prof. Roshan Lal	Organized Curriculum Development Workshop on P.G Curriculum Revision of M.E. Structural Engineering held on 17th April 2013
43	Prof. M.A Alam	Organized Curriculum Development Workshop on "P.G Curriculum Revision of M.E. Irrigation and Hydraulic Engineering".
44	Dr. Sanjeev Sofat	Organized Curriculum Development one day Workshop on Curriculum Development on 23 April 2013.
45	Dr. Sanjeev Sofat	Organized Curriculum Development Workshop on Curriculum Development for ME-CSE(IS) on 30-04-2013.
46	Prof. Tripta Goyal	Organized Curriculum Development Workshop on "P.G Curriculum Revision of M.E. Transportation Engineering" Civil Department 17-04-2013.
47	Prof. Sulata Bhandari	Organized Curriculum Development Workshop on "Revision of M.E. (Electrical) Curriculum Development" 18-04-2013.
48	Dr. Arun K Lall	Organized Curriculum Development Workshop on Revision of M.E. (Mechanical) Curriculum Development 23-04-2013.
49	Dr. Ajay Mittal	Organized Curriculum Development Workshop on Academic workshop for framing curriculum for UG Programme (New UG Curriculum) 20th March 2015.

**SPECILISED TRAINING PROGRAMME**

1	Parveen Kalra, Jaswinder Singh	Vehicular Ergonomics NITIE Mumbai PEC University of Technology 20-24 April 2014.
2	Parveen Kalra, Suman Kant	Prototyping IIT Delhi PEC University of Technology 25-30 May, 2-6 June.
3	Parveen Kalra, Suman Kant	Conceptual Sketching 1 IIT Delhi PEC University of Technology 5-6th April.
4	Parveen Kalra, Suman Kant	Digital Sculpting in Alias Auto Studion IIT Delhi PEC University of Technology 13-14th April.
5	Parveen Kalra, Suman Kant	Conceptual Sketching 2 IIT Delhi PEC University of Technology 3-4rd May.
6	R R Singh	On “Knowledge and innovation management” organized by National productivity council from May 31st to June 4th 2014 at Leh, J&K(Training).
7	Umesh Sharma	Management Capacity Enhancement Programme for Administrators organized by IIM Lucknow Sept. 23-27, 2013.
8	Umesh Sharma	AICTE Training programme on Environmental Engineering and Management At NITTTR from 3-3-2014 to 7-3-2014.
9	Umesh Sharma	Training Programme on Energy Efficient and Green Buildings at NITTTR from 24-2-2014 to 26-2-2014.
10	Umesh Sharma	Executive Development Programme on Legal Aspects of Contract Management organized by Engineers Development Council from 8-10 November, 2013.
11	Prof. Rajesh Bhatia	Training Programme on Rational seed program from 2nd to 5th February 2015.
12	Mr. Tejinder Pal Singh	Session on training need analysis (TNA) held on 23th February 2015.

**SHORT-TERM COURSES**

1	Prof. Neelu Jain	Organized 2 day short term course on Embedded System Design on 4-5 June 2010.
2	Prof. P.S Satsangi	Short Term Course on “Six Sigma & Research Methodology”.
3	Prof. P. Thareja	Short Term Course on “Offering a Green Belt and Black Belt certification course in Lean Six Sigma”.
4	Prof. Sushant Samir	Short term course on Recent Developments in Mechanical Engineering, PEC, June 11-22, 2012.
5	Dr Rakesh Kumar	An STC on ‘Estimation of Aerodynamic derivatives from flight data & dynamic wind tunnel testing’ conducted during April (15-19), 2013.
6	Prof. Dina Nath	2 days Residential Programme on Contract Labour Regulation Abolition Act 1970 from 24-25 September 2012 at Institute of Public Administration, 38/4, Coles Road Cross, Frazer Town, Bengaluru.
7	Dr. S K Suman	2 days Residential Programme on Contract Labour Regulation Abolition Act 1970 from 24-25 September 2012 at Institute of Public Administration, 38/4, Coles Road Cross, Frazer Town, Bengaluru.
8	Dr. R. M Belokar	2 days Residential Programme on Contract Labour Regulation Abolition Act 1970 from 24-25 September 2012 at Institute of Public Administration, 38/4, Coles Road Cross, Frazer Town, Bengaluru.
9	Prof. Jagdish Kumar	Attended a Short Term course on Power Electronics, Drives and MATLAB application from 18-22 March 2013 at Rajasthan Technical University, Kota.
10	Dr. Rahul O Vaishya	Attended a Short Term course on Essential Technology for Research Problem in Manufacturing from 6th-10th June 13 at NIT warangal. A.P.
11	Prof. Padmavati	Attended a Short Term course on Wireless Sensor Network Theory & Challenges from 21-25 June 2013 at IIT, Kanpur.
12	Prof.Nagendra Shah	Attended a Short Term course onWireless Sensor Network Theory & Challenges from 21-25 June 2013 at IIT, Kanpur.
13	Dr. R.M Belokar	Attended a Short Term course on Essential technology for Research Problem in Manufacturing & Measuremlents (ETRPMM) from 6-14th July, 2013 at NIT, Warangal, Andhra Pradesh.
14	Prof. Jyoti Kedia	Attended a Short Term course on Optical Fibres communication and sensing application from 15-26 July 2013 at NIITR Chandigarh.

15	Prof. Suman Lata	Short Term course and Training Course from 22-24 July 2013 at Power viharlake, Mumbai.
16	Prof. Sukhwinder Singh	Attended a Short Term course on Circuit Simulation Using Multisim from 22-26 July 2013 at NITTTR, Sec-26, Chandigarh.
17	Ms. Meena Mahajan	Attended a Short Term course on Applied on Numerical Methods with MATLAB from 29 July to 02 August 2013 at NITTTR, Sec-26, Chandigarh.
18	Nipun Checker	Attended a Short Term course on Applied on Numerical Methods with MATLAB from 29 July to 02 August 2013 at NITTTR, Sec-26, Chandigarh.
19	Prof. Sudesh Rani	Faculty development program on effective teaching from 10-12 July 2014 ISTE (Indian Society of Technical Education) at Hotel Le. Meridien, Janpath, New Delhi.
20	Dr. Poonam Saini	Faculty development program on effective teaching from 10-12 July 2014 ISTE (Indian Society of Technical Education) at Hotel Le. Meridien, Janpath, New Delhi.
21	Prof. Shilpa	Faculty development program on effective teaching from 10-12 July 2014 organized by ISTE (Indian Society of Technical Education) at Hotel Le. Meridien, Janpath, New Delhi.
22	Prof. Neelu Jain	Attended a Short Term course on Harnessing the researcher to promote sustainable innovation from 2-6 September 2014 at MHRD-IPR Chair, IIT (Indian Institute of Technology) Roorkee.
23	Dr. Manoj K. Arora, Director PEC	Valedictory function of the Short term course from 5th to 6th September, 2014 at MNIT Jaipur.
24	Dr. Umesh sharma	Attended a Short Term course on Rural roads for development from 15-19 september 2014 at School of Engineering, University of Birmingham, U.K.
25	Dr. Sanjeev kumar	Attended a Short Term course on Structure & characterization of materials from 22nd to 26th December, 2014 at Knowledge incubation for TEQIP, IIT kanpur.
26	Prof. P. S. Satsangi, Dr. Rakesh Kumar & Kishori Lal	Organized a Short term course on Flight Mechanics and Recent Developments from 03rd to 07th December 2012 by Aerospace Engineering Department, PEC University of Technology,Chandigarh.
27	Dr. Satyendra singh	Organized a Short term course on Advances in Science and Technology useful for all engineering educators from 05th to 09th December 2012 by PEC University of Technology.
28	Ms. Rintu Khanna & Dr. Balwinder Singh	Organized a Short term course on Application of PLC in Mechatronics from 07th -11th January 2013 by Electrical Engineering Department of PEC University, Technology.

29	Dr. Alakesh Manna	Organized a Short term course on Advanced and Micro manufacturing Dr. Alakesh Manna 3rd to 7th June 2013 by Mechanical Engineering Department, PEC University of Technology.
30	Dr. Rajesh K. Bhatia	Organized a Short term course on Agile Software Development from 25th to 29th September 2013 by Computer Science & Engineering Department, PEC University of Technology, Chandigarh.
31	Dr. Tarlochan kaur Prof. Tejinder Singh Sagg	Organized a Short term course on Harnessing of energy in harmony with ecology from 16th to 20th Dec 2013 by PEC, University of Technology, Chandigarh.
32	Dr. Alakesh Manna	Organized a Short term course on Advanced and Micro manufacturing from 2nd to 6th June 2014 by Mechanical Engineering Department, PEC, University of Technology, Chandigarh.
33	Dr. Suman Kant	Organized a Short term course on Design of experiment and its application in research from 12th to 16th January, 2015 by PEC, University of Technology, Chandigarh.
34	Prof. Manish Kumar (Registrar)	Organized a Short term course on Building positive attitudes from 09th to 13th March, 2015 by NITTTR, Chandigarh.
35	Prof. Rakesh Kumar	Organized a Short term course on Six Sigma & Research Methodology 20th to 24th Dec 2010.
36	Prof. Sushant Samir	Organized a Short term course on Refresher Course in “Mechanical Engineering” from 29th Dec 2011 to 11th Jan 2012.
37	Prof. Sanjeev Sofat	Organized a Short term course on Faculty Development programme with INFOSYS 12th to 14th Sept 2012.
38	Porf. Sanjeev Sofat	Organized a Short term course on Industry –Institute interaction on CSE Programming (E-Waste Management).
39	Prof. R.M Belokar	Organized a Short term course on Value Engineering Module – 1 from 14th to 18th July 2014.
40	Jagdish Kumar	Delivered an expert Lecture on “D-STATCOM and its MATLAB Simulation”STC on “FACTS Technology”, September 23-27, 2013, September 26, 2013 NITTTR Chandigarh.
41	Jagdish Kumar	Delivered Lecture on “Voltage Control in Power System using CMLI based STATCOM”STC on “Role of Power Electronics in Modern Electrical System” from December 23-27, 2013, December 26, 2013 MNIT Jaipur.
42	Jagdish Kumar	Delivered Lecture on “MLI Based STATCOM”STC on “Multilevel Inverter and Its Applications” from December 30, 2013- January 3, 2014, January 2, 2014IIT Roorkee,

- 43 Jagdish Kumar Delivered Lecture on “Power Quality in Electrical Systems: Issues and Solutions”STC on “Computer Aided Power System Analysis”, May 12-16, 2014, May 13, 2014 NITTTR Chandigarh.
- 44 Jagdish Kumar Delivered Lecture on “D-STATCOM and its MATLAB Simulation” STC on “Computer Aided Power System Analysis”, May 12-16, 2014, May 15, 2014, NITTTR, Chandigarh.
- 45 A. Manna, Sushant Samir Conducted Short Term Course on Faculty Development Programme Advanced And Micro-Manufacturing 02 June, 2014 To 06 June, 2014.

**(VI) COLLABORATIVE ARRANGEMENTS WITH INDUSTRY & INSTITUTE**

Collaborations through Memoranda of Understandings (MoUs)

<b>S.NO</b>	<b>Industry/Institute under MoU</b>	<b>In the field of</b>	<b>Year of inception</b>
1	Central Scientific Instrument Organization	<ul style="list-style-type: none"> <li>• CSIO and PEC will undertake joint research work in the areas of mutual interest</li> <li>• The concerned scientists of CSIO and corresponding faculty members of PEC will formulate Research projects and HRD plans for joint work with due approval of both the participating institutions.</li> <li>• Impart training to staff, students and technical personnel within the areas of cooperation.</li> <li>• Joint sponsored and consultancy projects could be undertaking with both long term and shorter goals, keeping in view the interest and philosophies of the respective institutions</li> </ul>	2008
2	Philips Electronic India Limited	<ul style="list-style-type: none"> <li>• Innovation and developing new technology/products</li> <li>• Confidential/Proprietary Information</li> </ul>	2008
3	Mohali Industries Association	<ul style="list-style-type: none"> <li>• To collaborate for the training of the student of PEC at different industries in Mohali and training of the engineers/technicians of MIA at PEC</li> <li>• To collaborate for the conduct of the joint projects, seminars and workshops</li> <li>• To collaborate in the field of research and development through consultancy.</li> <li>• To share the facilities for testing and services at behest of both institutions.</li> <li>• To create awareness among member industries and students about the benefits of the cooperation of understanding.</li> <li>• The terms of cooperation for each specific activity implemented under the cooperation MoU shall be mutually discussed and agreed upon in writing by the both PEC &amp; member industry prior to the initiation of that activity.</li> <li>• Tripartite agreements can be made among MIA, PEC &amp; member industry for a particular project.</li> <li>• Each institute shall designate a liaison officer to develop and coordinate the specific activities agree upon.</li> <li>• The presiding officer or the nominee shall interact at least twice a year</li> </ul>	2009

4	Punjab Engineering College Old Students Association	<ul style="list-style-type: none"> <li>• To promote mutual interest of PEC and its alumni.</li> <li>• To encourage beneficial and cordial relations among the alumni and former students and the institute faculty and staff.</li> <li>• To promote activities leading to overall growth and development of the institute.</li> <li>• To encourage the alumni to aid and share inputs with Departments/Institute in any manner deemed desirable by both</li> </ul>	2012
5	Terminal Ballistics Research Laboratory	<ul style="list-style-type: none"> <li>• Facilities and support services</li> <li>• Provide its laboratory and library facilities.</li> </ul>	2002
6	Alstom Projects India Limited	<ul style="list-style-type: none"> <li>• Assist the efforts of students for technical activities</li> </ul>	2009
7	IBM India Pvt. Limited	<p>IBM which shall mainly focus on innovating technologies that matter to people and the world and in alignment with smarter planet them of IBM</p> <p>More specifically, the objectives of the MoU are as enumerated below:</p> <ol style="list-style-type: none"> <li>i. The centre of Technology Excellence shall host Technology Development Projects involving Faculty and Students in the areas of Systems, Products and Services</li> <li>ii. PEC, under guidance from IBM, and in consonance with the ideologies of IBM, shall develop curriculum and Courseware on the next generation technologies to increase the career opportunities for the students.</li> <li>iii. Explore to introduce a new post graduate program with jointly developed curriculum that is aimed at creating leaders and specialists for the fast growing IT services industry.</li> <li>iv. Help IBM to nurture and acquire the top talents of PEC, as and when necessary</li> </ol> <p>The IBM India University Relations Program, an arm of the IBM Global University Relations Program, would guide PEC, one of the foremost technology institutions in India in the field of higher education to achieve the above stated objectives, with relevant inputs, in regard to the above program, as and when applicable.</p>	2010

8	New Jersey Institute of Technology, New Jersey, USA	The following programmes and activities will be encouraged. <ul style="list-style-type: none"><li>• Exchange of staff</li><li>• Joint research activities</li><li>• Joint conference and other academic meeting</li><li>• Exchange of academic materials and information</li><li>• Exchange of students</li></ul>	2011
9	ICICI	To encourage and promote talent in premier educational institutions to bring new ideas and innovations in banking/finance industry.	2012
10	Tata Consultancy Service(TCS)	<ul style="list-style-type: none"><li>• Workshops for students</li><li>• Faculty Development programs for teachers .</li><li>• Students Awards to encourage healthy competition at colleges.</li><li>• Internships Training opportunity for students</li></ul>	2012
11	Talwar and Talwar Consultants Pvt. Ltd	<ul style="list-style-type: none"><li>• That TTC has presented to PEC, an innovative idea- the innovative idea is provisionally titled- “Patent Review Platform”. In addition, new, ideas may be developed over time via a special purpose vechile supported by PEC and TTC.</li><li>• That the innovative idea is also supported and partly funded by IIT Ropar under the Prototype Development and Innovative Fund of IIT Ropar.</li></ul>	2012
12	Zscaler, USA	Zscaler in intended to promote projects and research activities in the area of Cloud Security.	2012
13	IIT Roorkee		2010
14	ESIGELEC France	<ul style="list-style-type: none"><li>• Joint projects</li><li>• Collaborative research activities, including joint supervision of doctoral students,</li><li>• Joint academics programs</li><li>• Other areas of mutual interest</li></ul>	2008
15	IIT Delhi		2014
16	QTL	<ul style="list-style-type: none"><li>• To impart practical technical knowledge to PEC Community by establishing a lab equipped with latest technologies.</li><li>• QTL shall establish and set up an advanced communication lab at Department Electronics &amp; Communication of PEC University premises equipped with latest technologies. VIZ., WBB, FTTH , GSM and CDMA, Wi-Fi, wireless broadband in initial phase. This would enable the PEC community to experiment on these technologies during experiment hours.</li><li>• QTL shall supply and install various accessories like air conditioner, power</li></ul>	2014

	<p>plant, cable tray, FMS etc for enabling connectivity for exposure of state-of are technological advancements and to handle live project by under graduate, post graduate students and faculty of ECE Department PEC University of Technology, chandigarh</p> <ul style="list-style-type: none"> <li>• QTL shall not use the lab and tower installed for commercial purposes and an undertaking by QTL stating the same may be provided to PEC. The equipments installed by QTL must preferably be powered off after office/lab hours.</li> <li>• The aspects of Radiation hazards of antenna would be looked into by QTL before installation and a safety certificate issued for the same by the authorized agency be submitted to PEC University of Technology.</li> <li>• The setting up of the advanced communication.</li> <li>• QTL shall send senior persons to impart onsite training to students.</li> <li>• QTL shall send senior persons to impart onsite training to students, as required by ECE Department.</li> <li>• QTL Shall provide guest lectures on various technologies and relevant subject to the students and faculty</li> <li>• QTL shall invite students for summer training</li> <li>• QTL would put the name plate of the lab showing collaboration with PEC at the entrance of the lab.</li> </ul>	
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## **PLACEMENT OF STUDENTS THROUGH CAMPUS INTERVIEWS- 2010**

The consistent efforts of placement cell were able to have 67 companies on the campus during placement session 2009-10. A total number of 286 undergraduate students have been placed and 126 students got double placement. In addition to this 21 post graduate students have been placed. The highest salary has been offered by CISCO, IOCL, HAL, Goldman Sachs & Geiper as Rs. 7.5 lacs p.a., Rs. 6.7 lacs p.a., Rs. 6.6 lacs p.a., Rs.6.5 lacs p.a. respectively.

### **PLACEMENT OF UNDER GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS**

<b>Branch</b>	<b>Eligible Students</b>			<b>Selected Students</b>			<b>Balance</b>			<b>% of Selected Students</b>		
	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>
<b>Aeronautical</b>	15	0	15	9	0	9	6	0	6	60.00	0.00	60.00
<b>Civil</b>	28	5	33	24	5	29	4	0	4	85.71	100.00	87.88
<b>Computer Science</b>	26	5	31	24	5	29	2	0	2	92.31	100.00	93.55
<b>Electrical</b>	32	12	44	31	11	42	1	1	2	96.88	91.67	95.45
<b>Electronics</b>	55	7	62	50	5	55	5	2	7	90.91	71.43	88.71
<b>Information Technology</b>	18	12	30	16	12	28	2	0	2	88.89	100.00	93.33
<b>Mechanical</b>	59	0	59	57	0	57	2	0	2	96.61	0.00	96.61
<b>Metallurgy</b>	18	3	21	17	3	20	1	0	1	94.44	100.00	95.24
<b>Production</b>	16	3	19	15	2	17	1	1	2	93.75	66.67	89.47
<b>Total</b>	<b>267</b>	<b>47</b>	<b>314</b>	<b>243</b>	<b>43</b>	<b>286</b>	<b>24</b>	<b>4</b>	<b>28</b>	<b>91.01</b>	<b>91.49</b>	<b>91.08</b>

### **PLACEMENT OF POST GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS**

<b>Branch</b>	<b>Eligible Students</b>			<b>Selected Students</b>			<b>Balance</b>			<b>% of Selected Students</b>		
	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>
<b>Civil</b>	17	8	25	6	0	6	11	8	19	35.29	0.00	24.00
<b>Computer Science</b>	22	4	26	2	1	3	20	3	23	9.09	25.00	11.54
<b>Electrical</b>	15	3	18	2	1	3	13	2	15	13.33	33.33	16.67
<b>Electronics</b>	9	3	12	1	1	2	8	2	10	11.11	33.33	16.67
<b>EPDT</b>	10	6	16	2	0	2	8	6	14	20.00	0.00	12.50
<b>Mechanical</b>	22	0	22	5	0	5	17	0	17	22.73	0.00	22.73
<b>Metallurgy</b>	2	0	2	0	0	0	2	0	2	0.00	0.00	0.00
<b>Production</b>	3	0	3	0	0	0	3	0	3	0.00	0.00	0.00
<b>Total</b>	<b>100</b>	<b>24</b>	<b>124</b>	<b>18</b>	<b>3</b>	<b>21</b>	<b>82</b>	<b>21</b>	<b>103</b>	<b>18.00</b>	<b>12.50</b>	<b>16.94</b>

## PLACEMENT OF STUDENTS THROUGH CAMPUS INTERVIEWS-2011

The consistent efforts of Placement Cell were able to have 93 companies on the campus during placement session 2010-2011. A statement showing the details of company that visited the campus having the information of number of students branch-wise offered job. During this session, total number of 605 jobs has been offered to PEC students. A total number of 332 Under Graduate (UG) and 93 Post Graduate (PG) students have been placed. 180 (156 BE + 24 BE)

### PLACEMENT OF UNDER GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS

Branch	Eligible Students			Selected Students			Balance			% of Selected Students		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
<b>Aeronautical</b>	11	2	13	7	1	8	4	1	5	63.64	50.00	61.54
<b>Civil</b>	46	5	51	42	5	47	4	0	4	91.30	100.00	92.16
<b>Computer Science</b>	26	9	35	24	9	33	2	0	2	92.31	100.00	94.29
<b>Electrical</b>	37	8	45	33	7	40	4	1	5	89.19	87.50	88.89
<b>Electronics</b>	55	21	76	50	20	70	5	1	6	90.91	95.24	92.11
<b>Information Technology</b>	28	11	39	26	11	37	2	0	2	92.86	100.00	94.87
<b>Mechanical</b>	53	0	53	52	0	52	1	0	1	98.11	-	98.11
<b>Metallurgy</b>	27	3	30	20	3	23	7	0	7	74.07	100.00	76.67
<b>Production</b>	20	2	22	20	2	22	0	0	0	100.00	100.00	100.00
<b>Total</b>	<b>303</b>	<b>61</b>	<b>364</b>	<b>274</b>	<b>58</b>	<b>332</b>	<b>29</b>	<b>3</b>	<b>32</b>	<b>90.43</b>	<b>95.08</b>	<b>91.21</b>

### PLACEMENT OF POST GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS

Branch	Eligible Students			Selected Students			Balance			% of Selected Students		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
<b>Civil (Structures)</b>	9	2	11	4	1	5	5	1	6	44.44	50.00	45.45
<b>Civil (Highways)</b>	3	0	3	3	1	0	2	0	2	33.33	-	33.33
<b>Civil (Environment)</b>	1	9	10	0	5	5	1	4	5	0.00	55.56	50.00
<b>Computer Science</b>	17	5	22	14	4	18	3	1	4	82.35	80.00	81.82
<b>Electrical</b>	19	1	20	8	1	9	11	0	11	42.11	100.00	45.00
<b>Electronics</b>	12	8	20	9	7	16	3	1	4	75.00	87.50	80.00
<b>EPDT</b>	17	2	19	11	1	12	6	1	7	64.71	50.00	63.16
<b>Mechanical</b>	20	0	20	14	0	14	6	0	6	70.00	-	70.00
<b>Metallurgy</b>	13	0	13	4	0	4	9	0	9	30.77	-	30.77
<b>Production</b>	18	0	18	9	0	9	9	0	9	50.00	-	50.00
<b>Total</b>	<b>129</b>	<b>27</b>	<b>156</b>	<b>74</b>	<b>19</b>	<b>93</b>	<b>55</b>	<b>8</b>	<b>63</b>	<b>57.36</b>	<b>70.37</b>	<b>59.62</b>

## **PLACEMENT OF STUDENTS THROUGH CAMPUS INTERVIEWS-2012**

The consistent efforts of Placement Cell were able to have 92 companies on the campus during placement session 2011-2012. A statement showing the details of company that visited the campus having the information of number of students branch-wise offered job. During this session, total number of 459 jobs has been offered to PEC students. A total number of 291 Under Graduate (UG) and 96 Post Graduate (PG) students have been placed.

### **PLACEMENT OF UNDER GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS**

Branch	Eligible Students			Selected Students			Balance			% of Selected Students		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
<b>Aeronautical</b>	7	6	13	5	6	11	2	0	2	71.43	100.00	84.62
<b>Civil</b>	34	5	39	33	5	38	1	0	1	97.06	100.00	97.44
<b>Computer Science</b>	15	13	28	15	13	28	0	0	0	100.00	100.00	100.00
<b>Electrical</b>	28	15	43	26	13	39	2	2	4	92.86	86.67	90.70
<b>Electronics</b>	45	12	57	43	12	55	2	0	2	95.56	100.00	96.49
<b>Information Technology</b>	15	8	23	15	8	23	0	0	0	100.00	100.00	100.00
<b>Mechanical</b>	54	0	54	50	0	50	4	0	4	92.59	0.00	92.59
<b>Metallurgy</b>	21	2	23	21	2	23	0	0	0	100.00	100.00	100.00
<b>Production</b>	18	6	24	18	6	24	0	0	0	100.00	100.00	100.00
<b>Total</b>	<b>237</b>	<b>67</b>	<b>304</b>	<b>226</b>	<b>65</b>	<b>291</b>	<b>11</b>	<b>2</b>	<b>13</b>	<b>95.36</b>	<b>97.01</b>	<b>95.72</b>

### **PLACEMENT OF POST GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS**

Branch	Eligible Students			Selected Students			% of Selected Students		
	M	F	Total	M	F	Total	M	F	Total
<b>Civil (Structure)</b>	11	6	17	5	3	8	45.45%	50.00%	47.06%
<b>Civil (Env.)</b>	4	5	9	2	3	5	50.00%	60.00%	55.56%
<b>Computer Science</b>	16	9	25	11	8	19	68.75%	88.89%	76.00%
<b>Information Security</b>	8	10	18	3	9	12	37.50%	90.00%	66.67%
<b>Electrical</b>	22	0	22	12	0	12	54.55%	0.00%	54.55%
<b>Electronics</b>	15	3	18	9	2	11	60.00%	66.67%	61.11%
<b>(EPDT)</b>	22	0	22	14	0	14	63.64%	0.00%	63.64%
<b>Mechanical</b>	21	0	21	8	0	8	38.10%	0.00%	38.10%
<b>Material &amp; Metallurgical</b>	9	0	9	0	0	0	0.00%	0.00%	0.00%
<b>Industrial Design</b>	12	0	12	0	0	0	0.00%	0.00%	0.00%
<b>Production</b>	16	0	16	7	0	7	43.75%	0.00%	43.75%
<b>Total</b>	<b>156</b>	<b>33</b>	<b>189</b>	<b>71</b>	<b>25</b>	<b>96</b>	<b>45.51%</b>	<b>75.75%</b>	<b>50.79%</b>

## PLACEMENT OF STUDENTS THROUGH CAMPUS INTERVIEWS-2013

The consistent efforts of Placement Cell were able to have 79 companies on the campus during placement session 2012-2013. A statement showing the details of company that visited the campus having the information of number of students branch-wise offered job. During this session, total number of 396 jobs has been offered to PEC students. A total number of 256 Under Graduate (UG) and 82 Post Graduate (PG) eligible students have been placed. 40 (32 BE + 9 ME) students got double placements

### **PLACEMENT OF UNDER GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS**

Branch	Eligible Students			Selected Students			Balance			% of Selected Students		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
<b>Aeronautical</b>	11	4	15	7	3	10	4	1	5	63.64	75.00	66.67
<b>Civil</b>	33	5	38	29	4	33	4	1	5	87.88	80.00	86.84
<b>Computer Science</b>	18	16	34	18	14	32	0	2	2	100.00	87.50	94.12
<b>Electronics</b>	40	22	62	24	20	44	16	2	18	60.00	90.91	70.97
<b>Electrical</b>	30	10	40	28	9	37	2	1	3	93.33	90.00	92.50
<b>Information Technology</b>	11	6	17	10	5	15	1	1	2	90.91	83.33	88.24
<b>Mechanical</b>	59	1	60	50	1	51	9	2	9	84.75	100.00	85.00
<b>Metallurgy</b>	17	5	22	14	4	18	3	1	4	82.35	80.00	81.82
<b>Production</b>	17	1	18	15	1	16	2	2	2	88.24	100.00	88.89
<b>Total</b>	<b>236</b>	<b>70</b>	<b>306</b>	<b>195</b>	<b>61</b>	<b>256</b>	<b>41</b>	<b>9</b>	<b>50</b>	<b>82.63</b>	<b>87.14</b>	<b>83.66</b>

### **PLACEMENT OF POST GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS**

Branch	Eligible Students			Selected Students			Balance			% of Selected Students		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
<b>Civil</b>	34	5	39	3	0	3	31	5	36	8.82	0.00	7.69
<b>Computer Science</b>	16	6	22	14	4	18	2	2	4	87.50	66.67	81.82
<b>Computer Science (IS)</b>	5	12	17	5	7	12	0	5	5	100.00	58.33	70.59
<b>Electrical</b>	21	2	23	13	2	15	8	0	8	61.90	0.00	65.22
<b>Electronics</b>	16	4	20	5	2	7	11	2	13	31.25	50.00	35.00
<b>Mechanical (Design)</b>	16	0	16	8	0	8	8	0	8	50.00	0.00	50.00
<b>Mechanical (Thermal)</b>	17	1	18	5	0	5	12	1	13	29.41	0.00	27.78
<b>Industrial Design</b>	15	0	15	5	0	5	10	0	10	33.33	0.00	33.33
<b>Production</b>	20	0	20	9	0	9	11	0	11	45.00	0.00	45.00
<b>Total</b>	<b>126</b>	<b>30</b>	<b>190</b>	<b>67</b>	<b>0</b>	<b>82</b>	<b>93</b>	<b>15</b>	<b>108</b>	<b>53.17</b>	<b>50.00</b>	<b>43.16</b>

## **PLACEMENT OF STUDENTS THROUGH CAMPUS INTERVIEWS-2014**

The consistent efforts of Placement Cell were able to have 99 companies on the campus during placement session 2013-2014. A total number of 269 undergraduate students have been placed and 57 students got double placement. In addition to this 54 post graduate students have been placed. The highest salary has been offered by Microsoft, Yahoo, Amazon, D.E.Shaw, Arista Network, Cisco, SanDisk, Indian Navy Power Grid. Highest package was 16.8 lacs

### **PLACEMENT OF UNDER GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS**

Branch	Eligible Students			Selected Students			Balance			% of Selected Students		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
<b>Aeronautical</b>	13	1	14	5	1	6	8	0	8	38.46	100.00	42.86
<b>Civil</b>	50	11	61	29	6	35	20	5	26	58.00	54.55	57.38
<b>Computer Science</b>	24	6	30	23	4	27	2	1	3	95.83	66.67	90.00
<b>Electronics</b>	43	22	65	36	19	55	7	3	10	83.72	86.36	84.62
<b>Electrical</b>	43	16	59	31	15	46	14	1	13	72.09	93.75	77.97
<b>Information Technology</b>	17	13	30	14	12	26	3	1	4	82.35	92.31	86.67
<b>Mechanical</b>	61	1	62	38	1	39	23	0	23	62.30	100.00	62.90
<b>Metallurgy</b>	28	2	30	18	2	20	10	0	10	64.29	100.00	66.67
<b>Production</b>	25	0	25	15	0	15	10	0	10	60.00	0.00	60.00
<b>Total</b>	<b>304</b>	<b>72</b>	<b>376</b>	<b>209</b>	<b>60</b>	<b>269</b>	<b>97</b>	<b>11</b>	<b>107</b>	<b>68.75</b>	<b>83.33</b>	<b>71.54</b>

### **PLACEMENT OF POST GRADUATE STUDENTS THROUGH CAMPUS INTERVIEWS**

Branch	Eligible Students			Selected Students			Balance			% of Selected Students		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
<b>Civil (Structure)</b>	8	2	10	5	0	5	3	2	5	62.50	0.00	50.00
<b>Civil (Env)</b>	6	8	14	5	0	5	1	8	9	83.33	0.00	35.71
<b>Civil (Highway)</b>	9	4	13	1	1	2	8	3	11	11.11	25.00	15.38
<b>Civil (Irrigation)</b>	8	1	9	1	0	1	7	1	8	12.50	0.00	11.11
<b>Computer Science</b>	13	10	23	5	7	12	8	3	11	38.46	70.00	52.17
<b>Computer Science (IS)</b>	7	10	17	3	1	4	4	9	13	42.86	10.00	23.53
<b>Electrical</b>	15	8	23	2	2	4	13	6	19	13.33	25.00	17.39
<b>Electronics</b>	16	9	25	3	2	5	13	7	20	18.75	22.22	20.00
<b>Electronics (VLSI)</b>	11	5	16	1	2	3	10	3	13	9.09	40.00	18.75
<b>Mechanical</b>	24	0	24	5	0	5	19	0	19	20.83	0.00	20.83
<b>Metallurgy</b>	18	1	19	5	1	6	13	0	13	27.78	100.00	31.58
<b>Industrial Design</b>	12	0	12	0	0	0	12	0	12	0.00	0.00	0.00
<b>Production</b>	18	0	18	2	0	2	16	0	16	11.11	0.00	11.11
<b>Total</b>	<b>134</b>	<b>58</b>	<b>223</b>	<b>38</b>	<b>16</b>	<b>54</b>	<b>127</b>	<b>42</b>	<b>169</b>	<b>28.36</b>	<b>27.59</b>	<b>24.22</b>



### Overall Ranking of Top Engineering Colleges

Overall Rank	Group Rank	Name of the Engineering Colleges	Infrastructure (Physical & Academic) (365)	Faculty, Research, Consultancy, MDP & Other Programmes (505)	Curriculum & Delivery System (310)	Admission System	Placement (Domestic & International/Industry Interface) (470)	Total (1650)
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#### Ranking of Top Engineering Colleges in India

##### Supreme Engineering College

1	1	Indian Institute of Technology, Kharagpur, West Bengal	318.74	295.49	310.00	410.00	1334.22
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IIT Kharagpur stands supreme amongst the top Engineering Colleges / Institutes in India

#### Ranking of Top Engineering Colleges of Super Excellence

2	1	Indian Institute of Technology Madras, Chennai, Tamil Nadu	265.74	316.26	310.00	377.42	1269.42
3	2	Birla Institute of Technology - Mesra, Ranchi, Jharkhand	241.73	226.39	305.18	364.17	1137.47
4	3	Delhi Technological University (Formerly Delhi College of Engineering), Bawana Road, Delhi	250.79	192.82	310.00	362.97	1116.59
5	4	Motilal Nehru National Institute of Technology, Allahabad, Uttar Pradesh	223.91	173.13	310.00	343.42	1050.46
6	5	Punjab Engineering College (Deemed University), Chandigarh, Punjab	188.29	183.02	310.00	340.90	1022.21
7	6	National Institute of Technology, Surathkal, Karnataka	222.32	172.12	310.00	308.26	1012.70
8	7	College of Engineering, Pune, Maharashtra	191.72	195.73	280.00	328.95	996.41
9	8	National Institute of Technology, Calicut, Kerala	172.27	190.26	310.00	312.02	984.54
10	9	Visvesvaraya National Institute of Technology, Nagpur, Maharashtra	211.55	132.88	310.00	326.48	980.91
11	10	Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat	171.51	173.76	310.00	322.42	977.69
12	11	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat	137.56	281.30	280.00	271.08	969.94
13	12	Veermata Jijabai Technological Institute (VJTI), Mumbai, Maharashtra	195.56	124.51	280.00	364.79	964.86
14	13	Manipal Institute of Technology, Manipal, Karnataka	197.39	146.81	273.01	346.26	963.47

We appreciate the participation of top Engineering Colleges in India and for providing detailed information for our survey (especially IIT Kharagpur, IIT Chennai), NIT's and others. Remaining IIT's / NIT's and few others did not respond for reasons unknown to us. We do not know where they stand in competing with the institutes that participated in this survey.

#### Ranking of Top Engineering Colleges of Excellence

15	1	Jawaharlal Nehru Technological University Hyderabad, Hyderabad, Andhra Pradesh	157.56	147.83	250.00	324.20	879.58
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Rank	Name of institute	P: Pvt G: Govt	City	Selection process (227)	Academic excellence (214)	Personality devl & indl interface (173)	Infrastructure (206)	Placement (180)	Overall score (1,000)
1	IIT	G	Kharagpur	210.9	204.9	147.7	193.5	170.8	927.8
2	IIT	G	Kanpur	207.7	203.3	148.6	194.3	158.2	912.1
3	IIT	G	Bombay	210.5	187.6	143.4	194.3	160.4	896.2
4	IIT	G	Madras	210.3	189.6	148.5	180.1	149.8	878.3
5	IIT	G	Roorkee	214.8	192.3	117.9	178.7	149.5	853.2
6	IT BHU	G	Varanasi	193.1	173.6	144.8	180.3	154.1	845.9
7	BITS	P	Pilani	178.9	164.6	153.3	179.8	151.4	828.0
8	IIT	G	Guwahati	190.3	166.8	126.1	150.0	158.3	791.5
9	Delhi Technological University*	G	Delhi	172.5	147.8	136.4	169.4	157.0	783.1
10	College of Engineering, Anna University	G	Guindy	179.0	170.1	137.5	162.7	130.3	779.6
11	IIIT	P	Hyderabad	148.1	169.3	148.4	160.8	152.5	779.1
12	ISMU	G	Dhanbad	201.9	169.6	110.1	161.5	130.7	773.8
13	BIT	P	Mesra, Ranchi	163.5	169.9	135.2	156.2	142.6	767.4
14	NIT	G	Surathkal	174.0	153.5	129.3	165.4	141.4	763.6
15	NSIT	G	Delhi	144.8	164.0	143.9	160.1	150.2	763.0
16	MNNIT	G	Allahabad	162.2	163.7	126.4	148.4	146.0	746.7
17	PSG College of Technology	P	Coimbatore	146.3	153.2	132.8	161.0	138.9	732.2
18	IIIT	G	Allahabad	164.9	168.4	109.9	143.5	123.7	710.4
19	PEC University of Technology <sup>2</sup>	G	Chandigarh	158.3	148.8	108.1	141.8	136.7	693.7
20	Manipal Institute of Technology	P	Manipal	146.6	144.6	134.8	154.9	109.4	690.3
21	College of Engineering (COEP)	G	Pune	147.8	150.3	134.0	138.8	111.0	682.0
22	Institute of Technology, Nirma University	P	Ahmedabad	145.4	119.1	126.7	131.1	129.7	652.0
23	NIT	G	Hamirpur	138.7	141.8	104.8	130.4	130.9	646.6
24	Thapar Institute of Engg & Technology	P	Patiala	127.1	144.2	112.1	145.2	115.1	643.7
25	IIIT	G	Gwalior	140.7	148.0	117.0	119.9	113.5	639.1
26	Dhirubhai Ambani IICT	P	Gandhinagar	139.5	140.8	91.1	124.6	125.0	621
27	MNIT	G	Jaipur	128.2	139.2	108.7	124.9	119.0	620.0
28	VJTI	P	Mumbai	116.5	118.1	94.0	130.6	116.7	575.9
29	Mepco Schlenk Engineering College	P	Sivakasi	119.6	120.0	102.8	138.5	80.4	561.3
30	PES College of Engineering	P	Mandyā	137.9	131.0	91.1	107.5	86.2	553.7
31	SSN College of Engineering	P	Chennai	114.9	125.5	92.7	124.3	85.9	543.3
32	National Institute of Engineering	P	Mysore	132.5	116.9	97.5	99.1	93.5	539.5
33	BIT	G	Sindri	133.2	111.2	91.2	110.7	92.4	538.7
34	GITAM	P	Vishakhapatnam	114.6	111.6	94.7	127.3	87.2	535.4
35	SGS Institute of Technology & Science	G	Indore	123.4	113.1	89.9	119.6	82.9	528.9
36	Thiagarajar College of Engineering	P	Madurai	109.1	114.2	103.6	111.2	86.1	524.2
37	Chaitanya Bharathi Inst of Technology	P	Hyderabad	124.0	109.4	94.7	95.8	90.5	514.4
38	MIT College of Engineering	P	Pune	110.5	109.2	89.8	97.8	105.7	513.0
39	Guru Nanak Dev Engineering College	G	Ludhiana	121.4	107.5	84.0	112.6	85.8	511.3
40	Amrita School of Engineering	P	Coimbatore	93.8	106.5	103.6	117.4	88.2	509.5
41	Bangalore Institute of Technology	P	Bangalore	140.2	116.3	64.8	91.5	96.6	509.4
42	Shri Ramdeo Baba KN Engg College	P	Nagpur	94.6	105.4	98.5	91.2	75.8	465.5
43	DJ Sanghvi College of Engineering	P	Mumbai	89.6	109.3	91.4	81.3	88.6	460.2
44	Sona College of Technology	P	Salem	91.9	97.6	89.4	97.3	63.1	439.3
45	Kongu Engineering College	P	Erode	92.2	79.4	92.7	103.1	61.4	428.8
46	Sri Venkateswara College of Engineering	P	Chittoor	101.4	94.8	70.3	99.3	58.4	424.2
47	KL University**	P	Guntur	81.2	76.0	70.8	97.2	63.3	388.5
48	Acharya Institute of Technology	P	Bangalore	107.7	70.3	64.4	74.0	70.2	386.6
49	Sir M. Visvesvaraya Inst of Technolgy	P	Bangalore	85.0	59.6	76.4	84.3	75.1	380.4
50	Muffakham Jah College of Engineering	P	Hyderabad	101.5	78.1	67.1	67.6	62.9	377.2

Rank	Name of institute	P: Pvt G: Govt	City	Selection process (227)	Academic excellence (214)	Personality devt & indl interface (173)	Infrastructure (206)	Placement (180)	Overall score (1,000)
1	IIT	G	Kharagpur	195.5	189.2	134.9	193.1	174.5	887.2
2	IIT	G	Delhi	207.6	181.5	137.2	187.9	164.7	878.9
3	IIT	G	Mumbai	203.3	195.4	128.6	179.0	168.1	874.4
4	IIT	G	Kanpur	199.2	192.7	140.2	182.8	157.7	872.6
5	IIT	G	Chennai	197.7	187.0	153.9	163.4	159.8	861.8
6	IIT	G	Roorkee	203.4	189.2	130.6	174.2	161.1	858.5
7	IT-BHU	G	Varanasi	207.1	174.8	140.2	174.9	160.6	857.6
8	BITS	P	Pilani	192.1	176.3	158.9	194.2	131.9	853.4
9	Delhi Technological University	G	Delhi	197.7	159.5	140.2	174.5	167.1	839.0
10	NIT	G	Tiruchirapalli	184.0	167.7	128.8	169.0	160.0	809.5
11	ISMU	G	Dhanbad	170.3	157.8	98.7	152.2	141.5	720.5
12	College of Engineering, Anna Univ	G	Guindy	165.5	152.9	121.3	148.3	130.2	718.2
13	BIT, Mesra	P	Ranchi	163.6	159.0	99.3	153.7	141.1	716.7
14	NIT	G	Surathkal	168.4	141.2	115.0	149.7	132.6	706.9
15	NIT	G	Warangal	164.1	126.1	108.5	133.8	119.0	651.5
16	IIIT	P	Hyderabad	115.4	145.5	114.7	130.4	129.3	635.3
17	NSIT	G	Delhi	124.5	131.5	119.1	124.3	127.7	627.1
18	IIIT	G	Allahabad	156.6	126.8	105.1	117.2	106.5	612.2
19	PSG College of Technology	P	Coimbatore	119.9	118.2	119.0	133.4	111.0	601.5
20	JNTUH College of Engineering	P	Hyderabad	119.8	126.2	111.1	128.7	109.3	595.1
21	Manipal Institute of Technology	P	Manipal	128.1	123.5	111.3	127.5	97.1	587.5
22	NIT	G	Hamirpur	148.5	111.7	84.5	122.8	116.6	584.1
23	PEC Univ of Tech,	G	Chandigarh	142.7	126.1	73.0	122.3	109.3	573.4
24	College of Engineering	G	Pune	117.3	124.8	107.1	119.2	104.6	573.0
25	BIT	G	Sindri	149.0	114.2	93.7	118.9	96.0	571.8
26	Harcourt Butler Technology Institute	G	Kanpur	128.1	117.4	90.1	106.5	118.5	560.6
27	Thapar University	P	Patiala	89.0	109.7	95.6	100.5	89.5	484.3
28	Institute of Chemical Technology	G	Mumbai	94.2	115.3	63.2	108.5	90.0	471.2
29	ABV-IIIT	G	Gwalior	86.2	97.0	88.4	97.9	95.3	464.8
30	Institute of Technology, Nirma Univ	P	Ahmedabad	93.0	98.6	81.4	94.4	94.0	461.4
31	University Inst of Engg and Tech	G	Chandigarh	95.8	104.3	76.3	95.9	84.7	457.0
32	PES Institute of Technology	P	Bangalore	113.6	84.8	93.8	69.5	91.9	453.6
33	National Institute of Engineering	P	Mysore	116.9	96.3	74.5	87.6	72.9	448.2
34	VJTI	P	Mumbai	100.4	96.3	71.0	84.2	83.0	434.9
35	Madras Institute of Technology	G	Chennai	103.6	74.2	65.0	76.4	79.4	398.6
35	RVCE	P	Bangalore	98.4	75.9	76.4	70.7	77.2	398.6
37	Univ College of Engg, Osmania Univ	G	Hyderabad	91.2	80.5	69.6	78.0	66.9	386.2
38	S.S.N. College of Engineering	P	Chennai	79.0	86.1	66.9	93.1	58.5	383.6
39	SGSITS	G	Indore	71.5	93.9	69.1	91.3	54.7	380.5
40	Mepco Schlenk Engineering College	P	Sivakasi	74.2	81.3	65.3	100.3	55.3	376.4
41	Guru Nanak Dev Engineering College	G	Ludhiana	97.6	89.3	64.6	71.0	52.7	375.2
42	P.E.S. College of Engineering	P	Mandya	105.3	82.5	66.9	69.7	47.0	371.4
43	Chaitanya Bharathi Institute of Tech	P	Hyderabad	92.2	86.5	62.5	75.9	52.7	369.8
44	Thiagarajar College of Engineering	P	Madurai	71.4	79.9	72.4	80.6	63.7	368.0
45	D.J. Sanghvi College of Engg	P	Mumbai	69.6	94.8	82.9	72.1	47.8	367.2
46	Amrita School of Engineering	P	Coimbatore	65.7	74.6	73.6	82.4	70.3	366.6
47	Govt Model Engineering College	G	Kochi	83.9	72.3	57.1	65.0	84.9	363.2
48	Govt College of Engineering	G	Amravati	80.3	76.7	68.5	70.2	66.7	362.4
49	MIT College of Engineering	P	Pune	57.8	85.5	64.6	73.4	78.6	359.9
50	BMS Institute of Technology	P	Bangalore	105.4	66.4	58.5	60.5	66.7	357.5

Rank	2012	2011	Name of institute	P: Pvt G: Govt	City	Selection process (227)	Academic excellence (214)	Personality devt & Indl interface (173)	Infrastructure (206)	Placement (180)	Overall score (1,000)
1	2	IIT	G	Delhi	207.4	196.7	154.2	189.3	167.3	914.9	
2	1	IIT	G	Kharagpur	201.3	194.2	164.7	192.4	161.7	914.3	
3	3	IIT	G	Bombay	206.9	191.6	145.1	196.8	167.2	907.6	
4	4	IIT	G	Kanpur	197.4	197.8	152.3	190.0	166.4	903.9	
5	5	IIT	G	Madras	202.9	193.6	141.7	196.7	163.7	898.6	
6	7	IT, BHU	G	Varanasi	202.1	186.2	150.0	179.6	153.5	871.4	
7	8	BITS	P	Pilani	191.8	178.1	159.8	191.3	149.9	870.9	
8	NP	IIT	G	Guwahati	199.1	185.7	133.0	171.0	163.3	852.1	
9	9	DTU	G	Delhi	198.9	165.3	137.0	177.6	165.2	844.0	
10	10	NIT	G	Tiruchirapalli	185.3	174.3	138.3	179.2	163.2	840.3	
11	11	ISMU	G	Dhanbad	194.7	179.1	136.7	167.4	155.8	833.7	
12	12	Univ Departments, Anna Univ	G	Guindy	168.9	176.2	153.0	177.5	149.1	824.7	
13	14	NIT	G	Surathkal	182.8	169.6	143.6	172.1	156.0	824.1	
14	16	IIIT	P	Hyderabad	170.7	178.8	144.2	166.3	163.0	823.0	
15	13	BIT	P	Ranchi	174.9	177.8	128.6	179.1	153.4	813.8	
16	15	NIT	G	Warangal	176.3	165.9	132.3	165.2	159.9	799.6	
17	17	NSIT	G	Delhi	154.0	167.2	149.7	163.4	153.8	788.1	
18	19	PSG College of Technology	P	Coimbatore	156.4	157.8	148.1	167.8	146.1	776.2	
19	NP	NIT	G	Rourkela	178.9	163.8	126.3	152.8	153.2	775.0	
20	18	IIT	G	Allahabad	160.0	150.1	120.7	160.1	158.1	765.0	
21	23	PEC University of Technology	G	Chandigarh	157.4	164.2	117.6	162.3	145.1	746.6	
22	24	College of Engineering	G	Pune	150.9	166.0	144.4	163.2	117.3	742.4	
23	22	NIT	G	Hamirpur	177.6	154.0	125.3	149.1	135.2	741.2	
24	26	Harcourt Butler Tech. Institute	G	Kanpur	177.7	150.2	121.4	143.3	148.5	741.1	
24	21	Manipal Institute of Technology	P	Manipal	171.7	154.4	136.6	160.0	118.4	741.1	
26	27	Thapar University	P	Patiala	142.4	165.9	128.5	168.1	135.6	740.5	
27	NP	Motilal Nehru NIT	G	Allahabad	184.5	164.8	102.4	145.2	143.1	740.0	
28	25	BIT	G	Sindri	173.5	156.2	124.0	156.0	127.8	737.5	
29	NP	VNIT	G	Nagpur	183.3	159.6	101.7	153.9	138.1	736.6	
30	29	ABV-IIIT	G	Gwalior	156.0	159.0	115.2	162.6	143.7	736.5	
31	31	UIET	G	Chandigarh	148.1	159.1	132.6	151.3	134.2	725.3	
32	34	VJTI	P	Mumbai	165.9	161.7	130.6	146.0	119.4	723.6	
33	35	RVCE	P	Bangalore	159.0	149.5	133.8	142.0	139.1	723.4	
34	30	Institute of Tech, Nirma University	P	Ahmedabad	147.9	157.3	142.5	147.4	127.6	722.7	
35	32	PESIT	P	Bangalore	185.1	148.1	108.3	143.0	134.1	718.6	
36	33	NIE	P	Mysore	161.0	151.0	133.9	144.3	120.1	710.3	
37	37	Univ College of Engg., Osmania Univ	G	Hyderabad	148.8	148.4	126.9	144.5	141.3	709.9	
38	39	Shri G.S. Institute of Tech & Sc	G	Indore	165.0	157.3	119.8	151.2	114.3	707.6	
39	38	SSN College of Engg	P	Chennai	142.0	149.0	134.3	155.3	119.5	700.1	
40	40	Mepco Schlenk Engg College	P	Sivakasi	145.0	148.0	118.5	163.6	112.1	687.2	
41	43	Chaitanya Bharathi Instt of Tech	P	Hyderabad	150.4	134.5	120.9	151.8	128.1	685.7	
42	44	Thiagarajar College of Engg	P	Madurai	146.3	147.9	123.5	145.4	122.1	685.2	
43	41	Guru Nanak Dev Engg College	G	Ludhiana	150.8	158.5	123.4	137.7	111.0	681.4	
44	NP	Dr B.R. Ambedkar NIT	G	Jalandhar	153.3	145.1	95.8	134.8	137.7	666.7	
45	48	Govt College of Engg	G	Amravati	149.6	131.4	123.4	141.0	119.9	665.3	
46	45	D.J. Sanghvi College of Engg	P	Mumbai	136.1	144.8	132.2	123.2	127.0	663.3	
47	46	Amrita School of Engg	P	Coimbatore	134.4	138.1	128.1	144.8	113.8	659.2	
48	42	P.E.S College of Engg	P	Mandyā	133.8	144.2	121.6	150.0	97.1	646.7	
49	47	Govt Model Engg College	G	Kochi	155.9	128.0	105.0	126.0	131.6	646.5	
50	49	MIT College of Engg	P	Pune	124.5	137.9	135.0	132.0	116.7	646.1	



## Overall Ranking of Top Engineering Colleges

Rank	Name of the Engineering College	Infrastructure (Physical & Academic) (390)	Faculty, Research, Consultancy, EDP & Other Programmes (600)	Curriculum & Delivery System (250)	Admission System	Placement/Industry Interface/USP (460)	Total Score (1700)
<b>Ranking of Top 4 Leading Engineering Colleges of Super Excellence</b>							
1	Indian Institute of Technology, Kharagpur, West Bengal	366.55	470.11	214.00	436.90	1486.66	
2	Indian Institute of Technology, Kanpur, Uttar Pradesh	359.78	473.01	213.26	434.36	1480.40	
3	Indian Institute of Technology Madras, Chennai, Tamil Nadu	339.75	454.88	213.01	414.79	1422.44	
4	Indian Institute of Technology (BHU), Varanasi, Uttar Pradesh	331.60	452.64	208.34	402.28	1394.85	
<b>Ranking of Top Engineering Colleges of Super Excellence</b>							
1	Birla Institute of Technology - Mesra, Ranchi, Jharkhand	319.61	429.44	191.00	380.66	1329.72	
2	Delhi Technological University (Formerly Delhi College of Engineering), Shahababd Daulatpur, New Delhi	320.98	405.92	190.00	389.70	1306.60	
3	Motilal Nehru National Institute of Technology, Allahabad, Uttar Pradesh	306.88	391.60	197.00	379.78	1275.27	
4	National Institute of Technology, Surathkal, Karnataka	289.16	392.24	191.05	376.20	1248.65	
5	PEC University of Technology, Chandigarh, Punjab	286.16	381.97	195.00	368.34	1231.47	
6	Thapar University, Patiala, Punjab	272.61	374.19	192.00	374.07	1212.88	
7	College of Engineering, Pune, Maharashtra	278.35	359.67	183.86	355.75	1177.62	
8	Manipal Institute of Technology, Manipal, Karnataka	266.54	346.19	187.21	353.85	1153.79	
9	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat	262.20	332.57	207.25	348.34	1150.36	
10	Jawaharlal Nehru Technological University Hyderabad College of Engineering, Hyderabad, Andhra Pradesh	271.69	334.20	192.71	346.19	1144.79	
11	Institute of Technology (Nirma University), Ahmedabad, Gujarat	264.70	313.58	198.15	336.62	1113.05	
<b>Ranking of Top Engineering Colleges of Excellence</b>							
1	SSN College of Engineering, Kalavakkam, Tamil Nadu	246.39	316.00	189.92	332.12	1084.42	
2	National Institute of Technology, Hamirpur, Himachal Pradesh	259.90	303.90	197.00	319.51	1080.31	
3	B.I.T. Sindri, Dhanbad, Jharkhand	255.77	312.70	187.06	321.60	1077.13	
4	Guru Nanak Dev Engineering College, Ludhiana, Punjab	259.87	301.25	197.00	313.85	1071.96	
5	Sikkim Manipal Institute of Technology, Rangpo, Sikkim	249.71	295.86	196.58	323.59	1065.75	
6	K. L. University (Koneru Lakshmaiah Education Foundation), Guntur, Andhra Pradesh	257.20	296.36	193.20	317.19	1063.95	

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1	IIT	G	Kharagpur	195.5	189.2	134.9	193.1	174.5	887.2
2	IIT	G	Delhi	207.6	181.5	137.2	187.9	164.7	878.9
3	IIT	G	Mumbai	203.3	195.4	128.6	179.0	168.1	874.4
4	IIT	G	Kanpur	199.2	192.7	140.2	182.8	157.7	872.6
5	IIT	G	Chennai	197.7	187.0	153.9	163.4	159.8	861.8
6	IIT	G	Roorkee	203.4	189.2	130.6	174.2	161.1	858.5
7	IT-BHU	G	Varanasi	207.1	174.8	140.2	174.9	160.6	857.6
8	BITS	P	Pilani	192.1	176.3	158.9	194.2	131.9	853.4
9	Delhi Technological University	G	Delhi	197.7	159.5	140.2	174.5	167.1	839.0
10	NIT	G	Tiruchirappalli	184.0	167.7	128.8	169.0	160.0	809.5
11	ISMU	G	Dhanbad	170.3	157.8	98.7	152.2	141.5	720.5
12	College of Engineering, Anna Univ	G	Guindy	165.5	152.9	121.3	148.3	130.2	718.2
13	BIT, Mesra	P	Ranchi	163.6	159.0	99.3	153.7	141.1	716.7
14	NIT	G	Surathkal	168.4	141.2	115.0	149.7	132.6	706.9
15	NIT	G	Warangal	164.1	126.1	108.5	133.8	119.0	651.5
16	IIIT	P	Hyderabad	115.4	145.5	114.7	130.4	129.3	635.3
17	NSIT	G	Delhi	124.5	131.5	119.1	124.3	127.7	627.1
18	IIIT	G	Allahabad	156.6	126.8	105.1	117.2	106.5	612.2
19	PSG College of Technology	P	Coimbatore	119.9	118.2	119.0	133.4	111.0	601.5
20	JNTUH College of Engineering	P	Hyderabad	119.8	126.2	111.1	128.7	109.3	595.1
21	Manipal Institute of Technology	P	Manipal	128.1	123.5	111.3	127.5	97.1	587.5
22	NIT	G	Hamirpur	149.5	111.7	84.5	122.8	116.6	584.1
23	PEC Univ of Tech,	G	Chandigarh	142.7	126.1	73.0	122.3	109.3	573.4
24	College of Engineering	G	Pune	117.5	124.8	107.1	119.2	104.6	573.0
25	BIT	G	Sindri	149.0	114.2	93.7	118.9	96.0	571.8
26	Harcourt Butler Technology Institute	G	Kanpur	128.1	117.4	90.1	106.5	118.5	560.6
27	Thapar University	P	Patiala	89.0	109.7	95.6	100.5	89.5	484.3
28	Institute of Chemical Technology	G	Mumbai	94.2	115.3	63.2	108.5	90.0	471.2
29	ABV-IIIT	G	Gwalior	86.2	97.0	88.4	97.9	95.3	464.8
30	Institute of Technology, Nirma Univ	P	Ahmedabad	93.0	98.6	81.4	94.4	94.0	461.4
31	University Inst of Engg and Tech	G	Chandigarh	95.8	104.3	76.3	95.9	84.7	457.0
32	PES Institute of Technology	P	Bangalore	113.6	84.8	93.8	69.5	91.9	453.6
33	National Institute of Engineering	P	Mysore	116.9	96.3	74.5	87.6	72.9	448.2
34	VJTI	P	Mumbai	100.4	96.3	71.0	84.2	83.0	434.9
35	Madras Institute of Technology	G	Chennai	103.6	74.2	65.0	76.4	79.4	398.6
35	RVCE	P	Bangalore	98.4	75.9	76.4	70.7	77.2	398.6
37	Univ College of Engg, Osmania Univ	G	Hyderabad	91.2	80.5	69.6	78.0	66.9	386.2
38	S.S.N. College of Engineering	P	Chennai	79.0	86.1	66.9	93.1	58.5	383.6
39	SGSITS	G	Indore	71.5	93.9	69.1	91.3	54.7	380.5
40	Mepco Schlenk Engineering College	P	Sivakasi	74.2	81.3	65.3	100.3	55.3	376.4
41	Guru Nanak Dev Engineering College	G	Ludhiana	97.6	89.3	64.6	71.0	52.7	375.2
42	P.E.S. College of Engineering	P	Mandya	105.3	82.5	66.9	69.7	47.0	371.4
43	Chaitanya Bharathi Institute of Tech	P	Hyderabad	92.2	86.5	62.5	75.9	52.7	369.8
44	Thiagarajar College of Engineering	P	Madurai	71.4	79.9	72.4	80.6	63.7	368.0
45	D.J. Sanghvi College of Engg	P	Mumbai	69.6	94.8	82.9	72.1	47.8	367.2
46	Amrita School of Engineering	P	Coimbatore	65.7	74.6	73.6	82.4	70.3	366.6
47	Govt Model Engineering College	G	Kochi	83.9	72.3	57.1	65.0	84.9	363.2
48	Govt College of Engineering	G	Amravati	80.3	76.7	68.5	70.2	66.7	362.4
49	MIT College of Engineering	P	Pune	57.8	85.5	64.6	73.4	78.6	359.9
50	BMS Institute of Technology	P	Bangalore	105.4	66.4	58.5	60.5	66.7	357.5

## **Annexure - XIX**

### **(VII) RENOWNED ALUMNI OF PEC UNIVERSITY OF TECHNOLOGY**

Names of renowned alumni along with outstanding contributions in their chosen professions.

1. **Awtar Singh** - Renowned Geotech Consultant, Los Angeles; B.E Civil (1949)
2. **Harjinder Singh Khurana**- Retired Engineer-In-Chief, P.S.E.B , B.E. Electrical (1961)
3. **Vijay K Dhir** - Dean-School of Engineering and Sciences, UCLA; B.E Mechanical (1965)
4. **IIMS RANA** - CHAIRMAN RAILWAY BOARD, B. E. Civil (1965)
5. **Monte Ahuja** - Founder, Chairman & CEO, Transtar Industries; B.E. Mechanical (1968)
6. **Rajinder Singh Manhas** - Seattle Schools Superintendent; B.E. Aeronautical (1971)
7. **Sunil Saigal** - Interim Dean, College of Engineering, Professor and Chairman at Department of Civil & Environmental Engineering, University of South Florida; B.E. Civil (1978)
8. **Jaspal Bhatti** - Satirist, comedian, film-maker; B.E. Electrical (1978)
9. **Raman Sud** - Vice President of Engineering, OATSystems; B.E. E&EC (1981)
10. **Kalpana Chawla** - Space Shuttle Columbia Astronaut; B.E. Aeronautical (1982)
11. **Remi Kaler** also known as Remi Clair- North American Actor; B.E.Civil (1984)
12. **Digvijay Chauhan** - Co-Founder and CTO of AskMe Corporation; B.E. E&EC (1989)
13. **Kanwalinder Singh** - President, QUALCOMM India; B.E. E&EC
14. **Akhil Verma** - CEO, S J Edutech (P) Ltd & President - Fastrack Computing Limited; B.E. Production (2002).
15. **Sanjay Gupta** - Senior Vice President & Chief Information Officer, Heidrick & Struggles International
16. **Vivek Mehra** - Co-founded Cobalt Networks in 1996. Currently, partner of VC firm August Capital
17. **K Paul Singh** - Co-founder, Primus Telecom
18. **Sonia Bhanot** - Ex-President & CEO, Verano
19. **Arun Gupta** - Founder & CEO, NeuVis, which was later acquired by Rational.
20. **Steve Sanghi** - Chairman, Chief Executive Officer and President, Microchip Technology Inc.

21. **Dr. Ramesh Gupta**- Fellow IEEE, Managing Director, COMSAT Laboratories (1995-2001), Vice President, AMCOM, B. E. E & EC (1974)
22. **Chander Mohan**, Former Vice Chairman PTL, B.E. Mechanical (1953)
23. **Satish Dhawan**, ISRO
24. **Romi Malhotra**, Head, Dell Computers, India
25. **Sanjeev Aggarwal**, Head, IBM Daksh, Gurgaon
26. **Rakesh Nath**, Chairman, Central Electricity Authority, New Delhi
27. **Jarnail Singh**, Chief Secretary, Govt. of India
28. **Dr. Satish Kumar**, Distinguished Scientist & Chief Controller R&D (Technology Management) DRDO, B.E. Mechanical.
29. **Miss Vanya Mishra** was crowned the winner of Femina Miss India on March 30, 2012, B.E. Electrical Engineering 2014.
30. **Dr Akshai Aggarwal** Vice Chancellor, Gujarat Technological University, B.E. Electrical Engineering 1964.

## **CONSULTANCY RECORDS FOR THE YEAR 2010-2011**

<b>Ref. No.</b>	<b>Type of Project</b>	<b>Agency</b>	<b>Dept.</b>	<b>PI's Name</b>	<b>Project Title</b>
1910	Const.	Executive Engineer, Central Works Division, PWD B&R Br. Roopnagar.	Civil	Prof. Umesh Sharma	4-laining project of Desumahra to Kharar of NH-21 (Conducting Job mix formula)
1911	Const.	Executive Engineer, Central Works Division, PWD B&R Br. Roopnagar.	Civil	Prof. Umesh Sharma	4-laining project of Desumahra to Kharar of NH-21 (Conducting Job mix formula)
1912	Const.	Sub. Divisional Engineer, Sub Division No. VIII, HUDA, Panchkula	Civil	Prof. P. K. Gupta	Consultancy for surajpur to Nalagarh raod & allied works
1913	Const.	M/s Eco Protection Engineers Pvt. Ltd, Plot No. 943, 54th street, TVS Colony, Anna Nagar, Chennai	Civil	Prof. S.K Singh	Vetting of design calculation of Foundation & Structure
1914	Const.	M/s IL&FS Ecosmart Limited, No 403/404, B- Wing, Mangalya, Off Marol Maroshi Road, Marol Andheri (East), Mumbai – 400 059	Dir. Office	Prof. Manoj Datta	Consultancy services for scientific closure of dumping ground site located at Uruli/Fursungi in Pune
1915	Testing	Executive Engineer- D, Municipal Cooperation Ludhiana	Civil	Prof. Umesh Sharma	Checking of Bitumen Content
1916	Testing	Executive Engineer- D, Municipal Cooperation Ludhiana	Civil	Prof. Umesh Sharma	Checking of Bitumen Content
1917	Testing	Assistant Engineer, Housing Board Haryana, Panchkula	Civil	Prof. Anita Khanna	Testing of Bricks sample
1918	Testing	Sub. Divisional Engineer, M.C.P.H Sub Div. No. 18 Chandigarh	Civil	Prof. N.P. Devgan	Testing of Bricks sample

1919	Const.	M/s President/Construction Committee, Distt. Bar Association, Fatehgarh Sahib.	Civil	Prof. N.P. Devgan	Checking of Structural Design of Drawings of Lawyers Chamber in J.C.C Fatehgarh Sahib.
1920	Testing	Sub Divisional Officer, Project Sub Div. No. 1 Panchkula	Civil	Prof. Roshan Lal	Test of cement sample taken from store at site of Kaushalya Dam
1921	Testing	Sub Divisional Officer, Project Sub Div. No. 1 Panchkula	Civil	Prof. Roshan Lal	Test of cement sample taken from store at site of Kaushalya Dam
1922	Testing	Assistant Engineer, Housing Board Haryana, Panchkula	Civil	Prof. Roshan Lal	Testing of Brick sample.
1923	Const.	Executive Engineer- 11, Municipal Cooperation Gurgaon	Civil	Prof. Roshan Lal	Mix Design formula of RMC, M- 30 with 400 kg Cement
1924	Const.	Sub. Divisional Engineer, Roads Sub Div. No. 1 Chandigarh	Civil	Prof. Umesh Sharma	Providing and laying 25mm thick SDBC on V-6 road in Sector 22-B, Chandigarh
1925	Const.	Semi – Conductor Laboratory, Department of Space, Government of India	Civil	Prof. Roshan Lal	Checking of design of steel plateform of size 4X4X7mt for structural soundness and stability.
1926	Const.	Semi – Conductor Laboratory, Department of Space, Government of India	Civil	Prof. Roshan Lal	Assesment of structural soundness of R.C.C slab wafer fabrication building facility Building
1927	Const.	Semi – Conductor Laboratory, Department of Space, Government of India	Civil	Prof. Roshan Lal	Proof checking of Structural drawings of Sub-Station and Under Ground Reservoir in SCL Housing Complex, Sector – 71, Mohali
1928	Const.	M/s Syal & Associates, F-91, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of structural design/drawings for 4 no sites in Haryana.
1929	Const.	M/s Syal & Associates, F-91, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of structure of multipurpose hall for Govt. College at Kalka (Pkl)
1930	Testing	Ext. Engg., HUDA, Vigilance Cell, HUDA Office Building, Sec-6, Panchkula, Haryana	App. Sci	Prof. Prem lata	Testing samples of Cement & Concrete

1931	Const.	M/s Hydrotech Paryavaran (India) Pvt. Ltd. F- 31, Indl. Area, Phase-VIII, Mohali	Civil	Prof. Sarita Singla	Checking Structural Design of Sewage Treatment Plant
1932	Const.	Executive Engineer, Roads Sub Div. No. 1 Chandigarh	Civil	Prof. N.P. Devgan	Vetting of structural drawings for the construction of community center in Sector – 22 B, Chandigarh
1933	Testing	Ext. Engg., HUDA, Vigilance Cell, HUDA Office Building, Sec-6, Panchkula, Haryana	App. Sci	Prof. Prem lata	Testing samples of Cement & Concrete for DPC and Cement Sand mortar for Brick work.
1934	Testing	Sub. Divisional Engineer, Project Sub Div. No. 1 Panchkula	Civil	Prof. Roshan Lal	Testing of Cement Sample
1935	Const.	M/s Syal & Associates, F-91, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of building structure of Tehsil building at Gharaunda
1936	Const.	M/s Syal & Associates, F-91, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of building structure of Dispensary at Majjesar
1937	Const.	M/s Flora Udyog, 3221/27 D, Chandigarh	Civil	Prof Sarita Singla	Design of 10.80 Lac water storage tank for the scheme(LWSS Sh. Naina devi ji)
1938	Const.	M/s Flora Udyog, 3221/27 D, Chandigarh	Civil	Prof Shakti Arora	Design checking of Sh. Naina Devi Ji ( site- LNSS of Sh. Naina Devi Ji C/o 3 MLD NTP at Kot.)
1939	Const.	M/s Starta Geo systems (India) Pvt. Ltd. Mumbai - 400011	Dir. Office	Prof. Manoj Datta	Segmental retaining wall at Surat Dahisar Road (NH-8)
1940	Const.	Chief Vigilance Officer, Govt. of Punjab, Department of Local Government, Pb. (Vigilance cell) SCO 131-32, Sec-17/C, Chd	Civil	Prof. Umesh Sharma	Collecting and testing of samples of development works at Municipal Corporation Ludhiana .
1941	Const.	Sub. Divisional Engineer, Roads Sub Div. No. 1 M.C Chandigarh	Civil	Prof. Umesh Sharma	Providing and laying 25mm thick SDBC behind Bata & Empire parking in Sector – 17 Chandigarh.
1942	Testing	Ext. Engg., HUDA, Vigilance Cell, HUDA Office Building, Sec-6, Panchkula, Haryana	App. Sci	Prof. H. Kaur	Testing samples of precast cement, concret

1943	Testing	M/s Punjab Construction Company, M-555, Guru Harkrishan Nagar - Delhi	Civil	Prof. Roshan Lal	Testing of Pavers
1944	Testing	M/s Engineering Projects (India) Ltd, ICD Projects, Baddi – H.P	Civil	Prof. N.P. Devgan	Testing of Pavers – M-30
1945	Const.	M/s Puri Oil Mills Ltd, 302, Jyoti Shikhar, 8, District Centre, Janak Puri, N. Delhi-110058	Civil	Prof. Roshan Lal	Vetting of Structure drawings of VR Bridge and New Fall Structure
1946	Testing	Ext. Engg., HUDA, Vigilance Cell, HUDA Office Building, Sec-6, Panchkula, Haryana	Civil	Prof. Roshan Lal	Testing for determination of grading of stone aggregate and sand
1947	Const.	M/s Housefed Punjab, S.C.O – 150-51-52, Sector- 34-A, Chandigarh	Civil	Prof. N.P. Devgan	Design mix of M-20 & M-25 for const of cooperative housing complex at Banur
1948	Const.	M/s Races Engineering Services, SCO – 186- 188, Third Floor, Sec – 17/C, Chandigarh	Civil	Prof. Sarita Singla	Vetting of structure drawings of flats of Shiva Real Estate at Chajju Majra Road, Kharar
1949	Const.	M/s Anil Kumar Gupta, Engineers & Contractors, SCO- 64, Sector – 40/C, Chd.	Civil	Prof. Anita Khanna	Vetting of drawings and design of bridge
1950	Const.	Sub. Divisional Engineer, Roads Sub Div. No. 6 M.C Chandigarh	Civil	Prof. Roshan Lal	Structural design of building work
1951	Testing	Sub. Divisional Engineer, Roads Sub Div. No. 8 Chandigarh	Civil	Prof. Roshan Lal	Testing of crushing strength of cubes
1952	Const.	Executive Engineer, Milkfed Punjab, SCO – 153-154, Sector – 34-A, Chandigarh	Civil	Prof. Shakti Arora	Inspection/Consultancy for UASB system installed at ETP for Verka Milk Plant, Mohali
1953	Const.	Executive Engineer, Provl. Division, PWD B&R SBS Nagar	Civil	Prof. Umesh Sharma	Job mix formula for 25mm thick SDBC for the work of upgradation of Balachaur to Bunga Sahib
1954	Testing	Sub. Divisional Engineer, M.C.P.H Sub Div. No. 13, Chandigarh	App. Sci	Prof. Prem lata	Testing of sample of Brick sewer line near Beant Singh Memorial Sec-42, Chandigarh

1955	Const.	M/s Emaar MGF Land Limited	Civil	Prof. P. K. Gupta	Consultancy assistance in connection with design, construction and quality assurance of internal roads of Mohali Hills
1956	Const.	M/s Syal & Associates, F-91, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design / Drawings for 3 No. Sites in Haryana
1957	Const.	M/s Continental Foundations, H.NO – 1059, Sector – 43, Chandigarh	Civil	Prof. N.P. Devgan	Structural Design for commercial building of Plot No – 24A, Mall Road, Amritsar
1958	Const.	M/s National Engineering Projects Consultants, SCO 134, Sec- 28/D, Chd	Civil	Prof. Roshan Lal	Proof Checking of HUDA building in Sector – 21, U.E at Jagadhari
1959	Testing	Sub. Divisional Engineer, Sub Division No. 3, HUDA Panchkula	Civil	Prof. Roshan Lal	Testing of Cubes
1960	Const.	Executive Engineer- (D) B&R, Municipal Cooperation Ludhiana	Civil	Prof. Umesh Sharma	Checking of Bitumen Contents
1961	Const.	Sub. Divisional Engineer, Roads Sub Div. No. 6 M.C Chandigarh	Civil	Prof. Umesh Sharma	Checking of Bitumen Contents for widening and strengthening of main road from DIC to fire Station Indl Area Ph-II, Chandigarh
1962	Const.	M/s Syal & Associates, F-91, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of Govt. High School, Mouli Jagran U.T
1963	Testing	Sub. Divisional Engineer, Sub Division No. 3, HUDA Panchkula	Civil	Prof. Roshan Lal	Testing of Cubes
1964	Testing	Chief Engineer, Municipal Corporation, Chandigarh	App. Sci	Prof. Prem lata	Testing of Concrete Samples
1965	Const.	M/s Syal & Associates, F-91, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Design of Admin Block of Polytechnic, Manesar

1966	Const.	Sub. Divisional Officer, Project Sub Division Panchkula	Civil	Prof. R.R Singh	Testing of Impervious materials taken from borrows area near village Khatoli.
1967	Const.	Sub. Divisional Officer, Project Sub Division No- 1, Panchkula	Civil	Prof. R.R Singh	Construction Materials i.e Sand, Filter, Impervious Materials and Cement etc to be used in construction of Kaushalya Dam
1968	Const.	M/s Puri Oil Mills Ltd, 302, Jyoti Shikhar, 8, District Centre, Janak Puri, N. Delhi-110058	Civil	Prof. Roshan Lal	Vetting of Structure drawings of 2 X 700 KW MHP Khukhni & Mussapur
1969	Const.	Executive Engineer, Punjab Mandi Board, Chandigarh	Elect.	Prof. B. Singh	Evaluation & Vetting of Lighting Design
1970	Const.	M/s Syal & Associates, F-91, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structure Drawings/Design for 8 nos sites in Haryana
1971	Testing	M/s Indian oil Corporation Ltd.	Civil	Prof. Roshan Lal	Testing of Pavers
1972	Const.	Executive Engineer, Const. Div. No. – 2, PWD (B&R) - Kapurthala	Civil	Prof. Roshan Lal	Design Mix for M-20 & M – 25 grade pumpable Concrete with OPC Cement
1973	Testing	M/s Garcha Cement Tiles, Chamkaur Sahib - Ropar	Civil	Prof. Roshan Lal	Testing of Pavers – 2 Samples
1974	Const.	Confidential	TPO	Prof. K.K Garg	Providing Question bank for examination
1975	Testing	Engineer-in-Chief Haryana, Public Health Engineering Department, Bay No 13-18, Sector -4, Panchkula	Civil	Prof. Roshan Lal	Testing of Samples of Bricks
1976	Const.	M/s Deepak Builders, Near Lodhi Club, Ludhiana	Civil	Prof. N.P. Devgan	Construction of Flyover Bridge across Pratap Chowk Flyover at Ludhiana
1977	Const.	Natioanl Highways Authority of India, 135, Guru Amar Dass Nagar, Jalandhar	Civil	Prof. Tripta Goyal	Short term improvement & routine maintenance of Jalandhar Bhogpur

1978	Const.	Ext. Engg., HUDA, Vigilance Cell, HUDA Office Building, Sec-6, Panchkula, Haryana	Civil	Prof. Tripta Goyal	Testing of samples of Bitumen content
1979	Testing	Engineer-in-Chief Haryana, Public Health Engineering Department, Bay No 13-18, Sector -4, Panchkula	App. Sci	Prof. H. Kaur	Testing of samples
1980	Testing	Executive Engineer, ME & QC Division, CADA, Haryana	App. Sci	Prof. H. Kaur	Testing of samples of Cement
1981	Const.	M/s G.E.T Power Pvt. Ltd, No. 153, Electrical & Electronics Ind. Estate, Perungudi, Chennai	Civil	Prof. N.P. Devgan	Vetting of Structure Drawings/Design
1982	Testing	Sub. Divisional Engineer, Roads Sub Div. No. 8 Chandigarh	Civil	Prof. Roshan Lal	Testing of concrete cubes
1983	Testing	Executive Engineer, ME & QC Division, CADA, Haryana	Civil	Prof. Umesh Sharma	Testing of Samples of Bricks
1984	Const.	Chief Administer, HSAM Panchkula (Hr.)	Elect.	Prof. Shiv Narayan	Department Exam for in-service Engineers (Civil/Electrical) of HSAM Board
1985	Const.	Administrative Officer, HSAM Board, Panchkula	Civil	Prof. A.M Kalra	Department Exam for in-service Engineers (Civil/Electrical) of HSAM Board
1986	Testing	Executive Engineer, ME & QC Division, CADA, Haryana	App. Sci	Prof. H. Kaur	Testing of samples
1987	Const.	M/s Sheltera Consultants, 74, F.F, South Patel Nagar Market, New Delhi	Civil	Prof. R.R Singh	Vetting of Tower foundation Designs & Drawings additional scope of work
1988	Const.	Sub. Divisional Engineer, Const. Sub Div. No. 12 Chandigarh	Civil	Prof. Umesh Sharma	GEO Technical Investigation
1989	Testing	ADC, Mini Secretariat, II Floor, Hissar	App. Sci	Prof. H. Kaur	Testing of Cement, Sand & Mortar

1990	Const.	Executive Engineer, Provincial Division, PWD B&R Br. Nuh	Civil	Prof. S.K. Verma	Proof Checking of structural drawings of constructing I.T.I at Nuh in Mewat District.
1991	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structure Drawings/Design for 9 nos sites in Haryana
1992	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of building Structure of Uchana office
1993	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structure Drawings for building structure of Radiant Textiles Ltd. Vill – Chounth, Patiala Road, Samana, Patiala
1994	Const.	M/s Him Cableways, 57, Industrial Area, Phase – 2, Chandigarh	Mech.	Prof. S.K. Mangal	Technical Consultancy for Aerial Cableway System
1995	Const.	Executive Engineer, Provincial Division No. 1, PWD B&R Br. Rohtak	Civil	Prof. P. K. Gupta	Proof Checking for construction of Bridge over West Jua drain in Rohtak District
1996	Testing	Sub. Divisional Engineer, Roads Sub Div. No. 8 Chandigarh	Civil	Prof. Umesh Sharma	Checking of Bitumen Contents for widening of V3 road in Sec 15A, B,C, D Chandigarh
1997	Testing	Municipal Council, Rajpura, Patiala	Civil	Prof. Roshan Lal	Testing of coarse aggregate C/O Basera Project (Housing) Block 'A' at Rajpura
1998	Testing	Sub. Divisional Engineer, Roads Sub Div. No. 8 M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of concrete cubes
1999	Const.	M/s Sheltera Consultants, 74, F.F, South Patel Nagar Market, New Delhi	Civil	Prof. R.R Singh	Vetting of Tower foundation Designs & Drawings additional scope of work
2000	Const.	M/s Starta Geo systems (India) Pvt. Ltd. Mumbai - 400011	Dir. Office	Prof. Manoj Datta	RE retaining wall foundation Design / Ground Improvement for Surat – Dahisar
2001	Testing	M/s Manu International 164, Ind. Area, Ph – 1, Chandigarh	Civil	Prof. Roshan Lal	Testing of Pavers

2002	Const.	M/s Peskon, PKS Infra Engineers, Ltd, 4B- Mahaluxmi Square, 2nd floor, Sec 12, Vasundhra, Ghaziabad (U.P)	Civil	Prof. P. K. Gupta	Proof checking of design
2003	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings for 6 Nos. sites in Haryana
2004	Const.	Executive Engineer, C.P Div. No. 1, Chandigarh	Civil	Prof. P. K. Gupta	Testing of samples of road crust for Thickness, Bituminous Contents, Desnsity
2005	Const.	M/s Sheltera Consultants, 74, F.F, South Patel Nagar Market, New Delhi	Civil	Prof. R.R Singh	Vetting of Tower foundation Designs & Drawings additional scope of work
2006	Const.	M/s Arvind Construction Co. 81-L, Model Town, Panipat	Civil	Prof. Roshan Lal	Checking of Structural Design of OHSR at New Water works, CCS HAU, Hissar
2007	Const.	M/s G.E.T Power Pvt. Ltd, Purugundi, Chennai	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings for Foundation of Tower Type TK, Nuhianwali, Sirsa
2008	Testing	Sub. Divisional Engineer, Roads Sub Div. No. 8 M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of concrete cubes
2009	Const.	Chief Engineer, Thermal Designs, Power Com, Patiala	Dir. Office	Prof. Manoj Datta	Consultancy for suggesting the remedial measures to be taken for tackling the problem of sliding of Ash Dyke Bund – I, GHTP, Lehra Mohabat.
2010	Const.	District Forum – I , Chandigarh	Mech.	Prof. Sushant Samir	Inspection of the Vehicle
2011	Const.	District Forum – I , Chandigarh	Mech.	Prof. Sushant Samir	Inspection of the Vehicle
2012	Const.	M/s Tatva Globel Environment (Deonar) Limited, 'Uniphos' House, CD Marg, 11th Road, Khar (W), Mumbai	Dir. Office	Prof. Manoj Datta	Dump Site Closure and Landfill Design at Deonar, Mumabi
2013	Const.	M/s Flora Udyog, Sabathu Road, Solan (HP)	Civil	Prof. Sarita Singla	Structure Design of 3 MLD INTP of LWSS Sh. Naina Devi Ji- under Executive Engineer, PH , Bilaspur (HP)

2014	Testing	Sub. Divisional Engineer, Roads Sub Div. No. 8 M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of concrete cubes
2015	Testing	Sub. Divisional Engineer, Roads Sub Div. No. 8 M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of concrete cubes
2016	Testing	Engineer-in-Chief Haryana, PH Engineering Department, Bay No. 13-18, Sec-4, Puncikula	Civil	Prof. Sarita Singla	Testing of samples of Bricks for Compressive Strength
2017	Const.	M/s Dham Consultants, SCO – 358, Sector- 34 A, Chandigarh	Civil	Prof. Sarita Singla	Vetting of Structure Design
2018	Const.	Executive Engineer (C), All India Radio, Doordarshan Complex, Sec – 37 – B, Chandigarh	Civil	Prof. P. K. Gupta	Recurrence of severe cracks in transmitter building at DDK Shimla
2019	Testing	Engineer-in-Chief Haryana, PH Engineering Department, Bay No. 13-18, Sec-4, Puncikula	App. Sci	Prof. Prem Lata	Testing of Samples
2020	Testing	M/s Bharat Bricks Company, Village- Fatehpur, Thesil – Derabassi , Mohali	Civil	Prof. Siby John	Testing of bricks
2021	Testing	Sub. Divisional Engineer, Const Sub Div. No. 6 M.C Chandigarh	App. Sci	Prof. H. Kaur	Testing of Cement Mortar for Construction of separate I.T block in G.C.G, Sec-42, Chandigarh
2022	Testing	Housefed Punjab, SCO-150-52, Sec-34 A, Chandigarh	Civil	Prof. Roshan Lal	Testing of cubes for crushing strength of M-25
2023	Const.	Executive Engineer, Patiala MAP Division, CPWD, Patiala	Civil	Prof. Sarita Singla	Design Mix M-25 for Married Accommodation of Defence at Patiala
2024	Const.	Executive Engineer, Patiala MAP Division, CPWD, Patiala	Civil	Prof. Roshan Lal	Design Mix M-25 for Married Accommodation of Defence at Patiala
2025	Testing	M/s Rayat –Bahra SCO – 126-27, Sec- 34A, Chandigarh	Civil	Prof. Sarita Singla	Testing of Concrete Samples

2026	Const.	OSD, Vigilance Cell, U.T Chandigarh	Civil	Prof. Sovina Sood	Examining of Samples
2027	Const.	M/s Sheltera Consultants, 74, F.F, South Patel Nagar Market, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of sites
2028	Const.	Sub. Divisional Engineer, Prov. Sub Div. No. 1 Sahabab	Civil	Prof. N.P. Devgan	Proof Checking of structural Design of Addl. Block of C.H.C at Shahabad (M)
2029	Const.	M/s Engineering and Planning Consultants, 241, Somdutt Chambers-II, 9 Bhikaji Cama Place, New Delhi	Civil	Prof. S.K Verma	Proof Checking of Structural Design/Drawings of ROB at Kurukshetra.
2030	Const.	M/s C&C Constructions Ltd., Zirakpur- Parwanoo Project, Chandimandir Cantt	Civil	Prof. Umesh Sharma	Investigate and highlight the reasons for Partial Cracks in DBM layer in Km 44 & 49 on Zirakpur-Parwanoo road
2031	Const.	M/s Mananda Test House, SCF – 17, Kalgidhar Enclave, Zirakpur, Punjab	App. Sci	Prof. L. N Sharma	Consultancy for Petrographic Examination
2032	Const.	Sub. Divisional Engineer, HUDA Sub Div. No. IV Gurgaon	Civil	Prof. P. K. Gupta	Job mix formula of GSB, WMN, DBM & Bituminous Concrete & Kerb M-20
2033	Const.	Sub. Divisional Engineer, Road Sub Div. No. 8 M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of Cubes for Community Center for Daddu Maja, Chandigarh
2034	Const.	M/s Tech Pacific, SCO- 80-82, Sector – 34 A, Chandigarh	Civil	Prof. Roshan Lal	Proof checking and modification of Structural Design and Drawings of group housing building, NAC Zirakpur, Mohali
2035	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of Govt. College at Lakanmajra
2036	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings for 10Nos roof top sites in Haryana
2037	Testing	Sub. Divisional Engineer, Road Sub Div. No. 8 M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of Cubes for Community Center for Daddu Maja, Chandigarh

2038	Testing	Sub. Divisional Engineer, Road Sub Div. No. 8 M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of Cubes for Community Center for Daddu Maja, Chandigarh
2039	Testing	Sub. Divisional Engineer, HUDA Sub Div. No. 3 Panchkula	Civil	Prof. Roshan Lal	Testing of Cubes
2040	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of IT.I Admin Block & Working block at Vill Kalai Balai, Chandigarh
2041	Const.	Canara Bank, Circle Office, Sector- 34 A, Plot- 1, Chandigarh	Civil	Prof. S.K Verma	Structural repairs works for banks own Building at No. 1034, Sec- 27B, Chandigarh
2042	Const.	M/s SMC-SBM-Universal (JV), VPO Barmana, Tehsil-Sadar, Distt Bilaspur (H.P)	Civil	Prof. Shakti Arora	Hydraulic Design & Drawing of 6.62 MLD WTP
2043	Testing	M/s Indian Oil Corp. Ltd., SCO – 35-36, Sec-7, Chandigarh	Civil	Prof. N.P. Devgan	Testing of Pavers Block
2044	Const.	M/s Bachitter Singh Associates, SCO-20, 2nd Floor, Madhya Marg, Sec 7-C, Chandigarh	Civil	Prof. N.P. Devgan	Proof Checking of Structural Strengthening of Rain Water Harvesting Tanks at Rajiv Gandhi Thermal Power Project at Khedra.
2045	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. S.K Verma	Counter Checking of Building Structure of Krishi Bhawan & Kisan Club, Rohtak
2046	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. S.K Verma	Counter Checking of Structural Design/Drawings of PG. Block, Multipurpose Hall at Karnal
2047	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. S.K Verma	Counter Checking of Building Structure of Govt. College for girls, Rohtak
2048	Const.	National Highways Authority of India, 135, Guru Amar Dass Nagar, Jalandhar	Civil	Prof. P. K. Gupta	Job Mix formula
2049	Const.	Philips India Ltd.	App. Sci	Prof. Satyandra	Converting Woodstove into Mutifuel Stove

2050	Const.	Philips India Ltd.	Mech.	Prof. L.D Garg	Heat Dissipation in mixer grinder
2051	Const.	Philips India Ltd.	Mech.	Prof. Gaggish Kumar	Heat Dissipation in mixer grinder
2052	Const.	Philips India Ltd.	Metta.	Prof. J.D Sharma	Motion of Coupler
2053	Const.	Sub. Divisional Engineer, Road Sub Div. No. 3 M.C Chandigarh	Civil	Prof. Umesh Sharma	Checking of Bitumen Content in parking on V4 road Sector 11 Chandigarh
2054	Const.	Sub. Divisional Engineer, Road Sub Div. No. 3 M.C Chandigarh	Civil	Prof. Umesh Sharma	Checking of Bitumen Content for widening of V-5 Road in Sector – 9 Chandigarh
2055	Const.	Sub. Divisional Engineer, Provl. Sub Div., Dabwali, PWD B&R	Civil	Prof. P. K. Gupta	Proof checking of two no Bridges
2056	Testing	Sub. Divisional Engineer, HUDA Sub Div. No. III, Panchkula	Civil	Prof. Roshan Lal	Testing of cubes
2057	Const.	Milk Fed Punjab, SCO – 153-155, Sector – 34- A, Chandigarh	Civil	Prof. Shakti Arora	Regarding Performance study / Upgradation of existing Effluent Treatment Plants of different Milk Plants of Milkfed
2058	Testing	Sub. Divisional Officer, Project Sub Div. No. I, Panchkula	Civil	Prof. P. K. Gupta	Test of Undisturbed Soil Sample
2059	Const.	Executive Engineer, HUDA, Division No. 1, Gurgaon	Civil	Prof. P. K. Gupta	Third Party Quality Inspection (TPI) for construction of roads at Gurgaon.
2060	Const.	M/s Consulting Engineers Associates, SCO- 51, 2nd Floor, Swastik Vihar, Mansa Devi Road, Sector – 5, Panchkula	Civil	Prof. P. K. Gupta	Proof Checking of design for Bridge at N-Choe.
2061	Const.	M/s Tarun Mathur Structural Consultant, 764, Sector – 8-B, Chandigarh	Civil	Prof. S.K Verma	Proof Checking of Structural Design of Bridges.

2062	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of DAC extension, Bathinda
2063	Const.	M/s Nanu Ram Goyal & Co., 890, Sector – 15, Part II, Gurgaon - 122001	Civil	Prof. N.P. Devgan	Vetting of Structural Design
2064	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of Administration Block at Nuh, Mehwt
2065	Const.	M/s Races Engineering Services, SCO- 186- 188, Third Floor, Sector 17/C, Chandigarh	Civil	Prof. Sarita Singla	Vetting of structure ddrawings of flats for Shiva Real Estate, at Chajju Majra Road, Kharar.
2066	Testing	M/s Indian Oil Corp. Ltd., SCO – 35-36, Sec-7, Chandigarh	Civil	Prof. Roshan Lal	Testing of pavers Block
2067	Const.	M/s Engineering and Planning Consultants, 241, Somdutt Chambers – II, Bhikaiji Cama Place, New Delhi	Civil	Prof. S.K Verma	Proof Checking of structural design/drawings of ROB at Ambala
2068	Testing	Sub. Divisional Engineer, HUDA Sub Div. No. 3 Panchkula	Civil	Prof. Roshan Lal	Testing of Cubes – M-20
2069	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of Meditation Hall at Kurukshetra
2070	Const.	M/s Anil Kumar, Govt. Contractor, Hot Mix Plant, Dhada Khurd	Civil	Prof. N.P. Devgan	Design Mix – M-20
2071	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure GCW, Jind
2072	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of Labour Welfare Commission Panchkula
2073	Const.	M/s SML-SBM- Universal (JV), VPO Barmana, Tehsil Sadar, Distt - Bilaspur (H.P)	Civil	Prof. Sarita Singla	Design/Drawings of different storage tanks & 6.62 MLD WTP

2074	Testing	Sub. Divisional Engineer, MCPH Sub Div. No. 18 Chandigarh	App. Sci	Prof. H. Kaur	To check the durability (chemical analysis of cement mortar) of existing CBD at various location in Chandigarh
2075	Const.	Superintending Engineer, Panchayati Raj Circle, Punjab, Chandigarh	Civil	Prof. Tripta Goyal	Design/Cost comparison of concrete roads with concrete pavers block roads in villages of the Punjab State
7276	Testing	Executive Engineer (Project), for Engineer-in- Chief, Haryana	Civil	Prof. Siby John	Testing of sample of water of water supply at village Ghasera
2077	Const.	Executive Engineer, Public Health Engg. Divn No. 1, Gohana	Civil	Prof. S.K Verma	Checking of Design of Strom Water main Pumping Station in the B.P.S University Khanpur Kalan (Haryana)
2078	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of Library Building at Govt College Sampia, Rohtak
2079	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of Lawyers Chamber at Rohtak
2080	Const.	Hospital Engineer (Const.), P.G.I Chandigarh	Civil	Prof. N.P. Devgan	Proof. Checking of Structure Design of Bachelor Doctors Hostel at PGI Chandigarh
2081	Const.	M/s Sheltera Consultants, 74, F.F, South Patel Nagar Market, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of sites
2082	Const.	Executive Engineer, C.P Division No. 5, Chandigarh	Civil	Prof. N.P. Devgan	Vetting of Structural Design of Block – E, GMCH, Sector – 32 Chandigarh
2083	Testing	M/s Bell Ceramics Ltd., Iron & Steel Market, Sector – 29, Chandigarh	Civil	Prof. Roshan Lal	Testing of Tiles
2084	Const.	Sub. Divisional Engineer, MC Sub Div. No. 2 Chandigarh	Civil	Prof. Anita Khanna	Testing of Tiles
2085	Const.	Executive Engineer, Provl. Div, PWD Haryana, Nairaingarh	Dir. Office	Prof. Manoj Datta	Technical advice on Design of approach embankment and protection measures for H.L Bridge.

2086	Const.	M/s Gavar Construction Ltd. , DSS-378, Sector – 16-17, Hissar	Civil	Prof. P. K. Gupta	Job Mix formula for Chandimandir Jhallah road in Panchkula district.
2087	Const.	M/s Peskon PKS Infra Engineers Pvt. Ltd., 4B-Mahaluxmi Square, 2nd fl, Sec-12, Ghaziabad	Civil	Prof. P. K. Gupta	Vetting of Superstructure Drawings
2082 A	Const.	M/s Sheltera Consultants, 74, F.F, South Patel Nagar Market, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking
2083 A	Const.	M/s Omaxe Infrastructure and Constuction Ltd. 10, L.S.C, Kalkaji, New Delhi	Civil	Prof. S.K Singh	Soil testing of sample for Soil classification, MDD, OMC & CBR
2084 A	Testing	Department of Local Government, Punjab, SCO- 131-132, Sector- 17 C, Chandigarh	Civil	Prof. Umesh Sharma	Sampling and testing of samples of the works of road construction at MC, Jalandhar
2085 A	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structure Design
2086 A	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Structure Design
2087 A	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structure Design
2088	Const.	Hospital Engineer (Const.), P.G.I Chandigarh	Civil	Prof. N.P. Devgan	Proof. Checking of Structure Design
2089	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Structure Design
2090	Testing	Sub. Divisional Engineer, HUDA Sub Div. No. 3 Panchkula	Civil	Prof. Roshan Lal	Testing of Cubes
2091	Testing	Executive Engineer, Panchayati Raj, Public Works, Panchkula	Civil	Prof. Roshan Lal	Testing of Pavers Block

2092	Const.	M/s Omaxe Infrastructure and Construction Ltd. 10, L.S.C, Kalkaji, New Delhi	Civil	Prof. Roshan Lal	Mix Design
2093	Testing	Sub. Divisional Engineer, HUDA Sub Div. No. 3 Panchkula	Civil	Prof. Roshan Lal	Testing of Cubes
2094	Const.	Executive Engineer, C.P Div. No. 1, Chandigarh	Civil	Prof. Sarita Singla	Design of UGR
2095	Const.	Divisional Engineer (C-II), GMADA, Mohali	Civil	Prof. Umesh Sharma	Strengthening and Widening of Sector - 54/55. 58/59, and 72/73 road
2096	Const.	M/s Hydrotech Paryavaran (India) Pvt. Ltd. F- 31, Indl. Area, Phase-VIII, Mohali	Civil	Prof. Shakti Arora	Design, Conduction Erection, Commissioning, Trial Run of Sewage Treatment Plant on Turnkey
2097	Const.	M/s Jindal Consortium, SCF- 9, Vikas Vihar, Ambala City.	Civil	Prof. S.K Verma	Proof. Checking of Structural Design/Drawings
2098	Const.	Superintending Engineer, (S) B&R, Municipal Corporation, Ludhiana	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Drawings
2099	Const.	M/s Deepak Builders, Near Lodhi Club, Ludhiana	Civil	Prof. N.P. Devgan	Proof. Checking of Design/Drawings for Construction of Bridge across Pratap Chowk Flyover at Ludhiana Flyover
2100	Const.	M/s Omaxe Infrastructure and Construction Ltd. 10, L.S.C, Kalkaji, New Delhi	Civil	Prof. S.K Singh	GSB testing of sample for Gradation Analysis, MDD, OMC & CBR
2101	Testing	Engineer-in-Chief Haryana, Public Health Engineering Department, Bay No 13-18, Sector -4, Panchkula	App. Sci	Prof. Harminder Kaur	Testing of sample for Cement sand mortar
2102	Const.	M/s Jindal Consortium, SCF- 9, Vikas Vihar, Ambala City.	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design/Drawings
2103	Const.	M/s Jindal Consortium, SCF- 9, Vikas Vihar, Ambala City.	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design/Drawings

2104	Const.	M/s Sheltera Consultants, 74, F.F, South Patel Nagar Market, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 51 sites
2105	Const.	State Consumer Dispute Redressal Commission, Chandigarh	Mech.	Prof. Sushant Samir	Inspection/Testing of Vehicle
2106	Const.	M/s Amarnath Aggarwal Constructions Pvt. Ltd.,	Civil	Prof. P. K. Gupta	Proof Checking of Design
2107	Testing	Sub-Divisional Engineer, Sub-Div. No. III, HUDA, Panchkula	Civil	Prof. Roshan Lal	Testing of Cubes
2108	Testing	Sub-Divisional Engineer, Sub-Div. No. III, HUDA, Panchkula	Civil	Prof. Roshan Lal	Testing of Cubes M-20
2109	Testing	Sub-Divisional Engineer, Water Supply & Sanitation, Derabassi	Civil	Prof. N.P. Devgan	Testing of Cubes
2110	Testing	Sub-Divisional Engineer, Sub-Div. No. III, HUDA, Panchkula	Civil	Prof. Roshan Lal	Testing of Cubes M-20
2111	Testing	Sub-Divisional Engineer, Road -8, Sector – 17, M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of material for construction of community centre in Dhanas
2112	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings
2113	Const.	State Consumer Dispute Redressal Commission, Chandigarh	Mech.	Prof. Sushant Samir	Inspection/Testing of Vehicle
2114	Testing	M/s Indian oil Corporation Ltd.	Civil	Prof. Sarita Singla	Testing of Pavers
2115	Testing	Sub-Divisional Engineer, Road -8, Sector – 17, M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of material for construction of community centre in Dhanas

2116	Testing	Sub-Divisional Engineer, Road -8, Sector – 17, M.C Chandigarh	Civil	Prof. Roshan Lal	Testing of material for construction of community centre in Dadumajra Colony
2117	Const.	M/s Bachittar Singh Associates, SCO-20, 2nd Floor, Sector – 7C, Chandigarh	Civil	Prof. N.P. Devgan	Proof Checking of Structural Design/Drawings
2118	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings
2119	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings
2120	Const.	M/s ARSS Infrastructure Project Ltd. 141, SBI Colony Pachim Vihar, New Delhi	Civil	Prof. N.P. Devgan	Vetting of Structural Drawings of Aerocity Storm Water RCC Box Section
2121	Const.	M/s Jindals Consortium, SCF- 9, Vikas Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design/Drawings
2122	Const.	Sub Divisional Engineer, Provincial Sub Division No. 6, PWD(B&R), Ambala Cantt	Civil	Prof. R.R Singh	Testing for CBR of Sub Grade Soil
2123	Const.	M/s Syal & Associates, F-91, Ind. Area, Ph.7, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Structural Drawings of Law college, Gurukul, Khanpur
2124	Const.	M/s Marc Technocrats Pvt. Ltd., Marc House, SCO – 1, Sector – 6-7 Dividing Road, Opp Devi Lal Park, Bahadurgarh, Haryana	Civil	Prof. P. K. Gupta	Proof Checking of three Bridges
2125	Const.	M/s National Dental College, Derabassi, Punjab	Mech.	Alkesh Manna	Surf-Crem 130A
2126	Testing	Engineer-in-Chief Haryana, Public Health Engineering Department, Bay No 13-18, Sector -4, Panchkula	Civil	Prof. S.K Verma	Testing of Samples of Bricks
2127	Const.	M/s Tech-Pacific Structural Consultants, SCO- 80-82, Sector – 34 A , Chandigarh	Civil	Prof. Roshan Lal	Proof Checking and modification of Structural Design and Drawings Pavilion 1500 Capacity

2128	Const.	Haryana Vidut Prasaran Nigam Ltd., Shakti Bhawan, Sector – 6, Panckula	Civil	Prof. N.P. Devgan	Testing of Material
2129	Testing	Officer on Special Duty, Vigilance Cell, U.T Chandigarh	Civil	Prof. N.P. Devgan	Testing of Samples
2130	Const.	M/s Tech-Pecific Structural Consultants, SCO- 80-82, Sector – 34 A , Chandigarh	Civil	Prof. Roshan Lal	Proof Checking and modification of Structural Design and Drawings Pavilion 1500 Capacity
2131	Const.	Executive Engineer, Provl. Div. No -1, PWD B&R Br. Kaithal	Civil	Prof. S.K Verma	Proof Checking of Structural Design/Drawings of Distt. Library at Kaithal.
3132	Const.	Chief Vigilance Officer, Govt. of Punjab, Department of Local Government, Pb. (Vigilance cell) SCO 131-32, Sec-17/C, Chd	Civil	Prof. Umesh Sharma	Testing of Samples of Sewer under execution at Jalandhar
2133	Const.	M/s Jindal Consortium, SCF- 9, Vikas Vihar, Ambala City.	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge
2134	Const.	M/s Jindal Consortium, SCF- 9, Vikas Vihar, Ambala City.	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge
2135	Const.	Executive Engineer, Provincial Division PWD(B&R), SAS Nagar	Civil	Prof. N.P. Devgan	Testing of Cubes
2136	Const.	Executive Engineer, Provl. Div., PWD B&R SAS Nagar Mohali	Civil	Prof. N.P. Devgan	Proof Checking of Structural Design/Drawings
2137	Const.	Executive Engineer, Provl. Div. PWD B&R Br. Narnaul	Civil	Prof. P. K. Gupta	Widening & Strengthening of Mohindergarh-Satnali-Loharu road
2138	Testing	Officer on Special Duty, Vigilance Cell, U.T Chandigarh	Civil	Prof. Anita Khanna	Examination of Samples
2139	Const.	Executive Engineer, Roads Sub Div. No. 1 Chandigarh	Civil	Prof. S.K Verma	Proof checking of Structural Drawings/Designs for the work of construction of Community Centre in Sector – 27/B, Chandigarh

2140	Testing	OSD, Vigilance Cell, U.T Chandigarh	App. Sci.	Prof. V. Singh	Testing of Cement Concrete & Mortar samples
2141	Testing	M/s Associate Concrete, Mubarkpur, Haryana	Civil	Prof. Roshan Lal	Testing the compressive strength of cylindrical cube of M-20 Mix.
2142	Const.	Executive Engineer, Central Works Division, PWD B&R Br. Roopnagar.	Civil	Prof. Umesh Sharma	Job mix formula for Abohar Bye Pass.
2143	Testing	OSD, Vigilance Cell, U.T Chandigarh	App. Sci.	Prof. H. Kaur	Testing of Cement Concrete & Mortar samples
2144	Const.	Executive Engineer, Central Works Division, PWD B&R Br. Roopnagar.	Civil	Prof. Umesh Sharma	Job mix formula for Abohar Bye Pass.
2145	Const.	Executive Engineer, Prov. Sub Division No. 1, Ambala Cantt.	Civil	Prof. S.K Verma	Mix Design M-40

## **CONSULTANCY RECORDS FOR THE YEAR 2011-2012**

<b>Ref. No.</b>	<b>Type of Project</b>	<b>Agency</b>	<b>Dept.</b>	<b>PI's Name</b>	<b>Project Title</b>
2146	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge design
2147	Const.	Executive Engineer, Electrical Division No. 2, Chandigarh	Civil	Prof. S.K Verma	Providing flood lights in cricket stadium Sector – 16, Chandigarh
2148	Const.	M/s Sheltera Consultants Pvt. Ltd, 580, Rishi Nagar, Shakur Basti, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 5 sites
2149	Const.	State Consumer Dispute Redressal Commission, Chandigarh	Mech.	Prof. Sushant Samir	Inspection/Testing of Vehicle
2150	Const.	M/s Sheltera Consultants Pvt. Ltd, 580, Rishi Nagar, Shakur Basti, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 5 sites
2151	Const.	M/s Chicago Construction Co. 68, Sector – 9-A, Chandigarh	Civil	Prof. Sarita Singla	Design Mix – M-20, M-25, M-30
2152	Const.	Executive Engineer, Central Works Division PWD(B&R) Branch, Roop Nagar	Civil	Prof. Umesh Sharma	Job Mix Design for Kharar – Ludhiana Road
2153	Const.	Sub Divisional Engineer, Water Supply Sub Division No. 1, Chandigarh	Civil	Prof. N.P. Devgan	Post Audit of Work
2154	Testing	Deputy Suptt. of Police, Vigilance Bureau, Punjab, Unit Bathinda	App. Sci	Prof. H. Kaur	Testing of 2sample of Cement mortar

2155	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge design
2156	Testing	Deputy Suptt. of Police, Vigilance Bureau, Punjab, Unit Bathinda	Civil	Prof. Roshan Lal	Testing of brick samples
2157	Const.	Dy. General Manager, Haryana State Industrial and Infrastructure Development Corporation Ltd., Saha, Ambala	Civil	Prof. S.K Singh	Consultancy charges for investigation of soil of land Ph-I HSIIDC
2158	Const.	M/s Gillco Developers & Builders Pvt. Ltd, Gillco Valley, Sector – 127, NH 21, Mohali	Civil	Prof. S.K Singh	Vetting of a Structural design of OHSR
2159	Const.	M/s Kamlesh Arora, Ram Auto World, Rajpura	Civil	Prof. Sarita Singla	Vetting of a Structural Drawings
2160	Const.	Addl. Superintending Engineer, Plant Civil Mtc., Division No. 2, O&M, GGSSTP, Ropar	Dir office	Prof. Manoj Datta	Consultancy for strengthening of stacker re-claimer Track 13A & 13B at GGSSTP, Ropar
2161	Const.	M/s Sheltera Consultants Pvt. Ltd, 580, Rishi Nagar, Shakur Basti, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 5 sites
2162	Const.	Executive Engineer, Const. Div. No. 2, PWD, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design for SDM office Kharar
2163	Const.	M/s Edifice Inc. , C/o Khosala timbers, Timber Market, Shop No-5, Sector - 26, Chandigarh	Civil	Prof. Umesh Sharma	Vetting of Structural Design/Drawings of OHSR
2164	Testing	SDE, Roads, Sub, Div-9, M.C, Chandigarh	Civil	Prof. Umesh Sharma	Testing of Paver Blocks
2165	Const.	M/s Harjit Singh, Engineers &Contractors, 97/1, JwaharNagar Mandi (HP)	Civil	Prof. S.K Sharma	Vetting of hydraulic design of WTP
2166	Const.	M/s Vishal Infrastructure Ltd, 52, R.V Road, Basavanagudi, Bangalore	Civil	Prof. Umesh Sharma	Compressive Strength results

2167	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design/Drawings
2168	Const.	Ministry of physical planning and works	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge design
2169	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings
2170	Const.	SDE, Const., Sub, Div-2, PWD, Mohali	Civil	Prof. Roshan Lal	Checking of Structure Design
2171	Const.	M/s Strata, Geosystems (India) Pvt. Ltd., 317, Tantia Jogani Industrial Premises, J.R Boricha Marg, Lower Parel (East)Mumbai	Dir office	Prof. Manoj Datta	Proof Checking of RE wall foundations for Jaipur-Deoli project
2172	Const.	Divisional Engineer (Ph Div.No. -2), Room 534, 5 <sup>th</sup> floor, PUDA Bhawan, GMADA, Mohali	Civil	Prof. P. K. Gupta	Vetting of proposal or Road Formation levels of Mullanpur Area
2173	Const.	Ext. Engg. , Hydrology Cosnt. & Maintenance, Shimla, HP	Civil	Prof. Siby John	GW Quality studies in Ind Areas of HP
2174	Const.	Ext. Engg. , HUDA, Division No. -4, Gurgaon	Civil	Prof. P. K. Gupta	Third party quality inspection of roads
2175	Const.	M/s Sheltera Consultants Pvt. Ltd, 580, Rishi Nagar, Shakur Basti, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 50 sites
2176	Testing	M/s Shri Balaji Cement Industries, Range Forest Officer, Wild life , Patiala	Civil	Prof. Roshan Lal	Testing of cement sample
2177	Const.	M/s Sheltera Consultants Pvt. Ltd, 580, Rishi Nagar, Shakur Basti, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 72 sites
2178	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings

2179	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings
2180	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings
2181	Const.	Ext. Engg. Project Div. 1, CPWD, Chandigarh	Civil	Prof. N.P. Devgan	Training of Nallab with RCC retaining walls and stone pitching at ISET Mohali
2182	Testing	SDE, Road, MC Roads, Sub Div. No. 8, New Deluxe Building, Sec- 17, Chandigarh	Civil	Prof. Roshan Lal	Testing of cube – M 20
2183	Testing	SDE, Road, MC Roads, Sub Div. No. 8, New Deluxe Building, Sec- 17, Chandigarh	Civil	Prof. Roshan Lal	Testing of cube for construction of Community Centre at Dhanas
2184	Testing	Ext. Officer, Nagar Council Anandpur Sahib, Punjab	Civil	Prof. Sarita Singla	Testing of pavers Blocks
2185	Const.	SDE, Road, Sub Div. No. 9, MC, Chandigarh	Civil	Prof Anita Khanna	Testing of pavers Blocks
2186	Const	M/s Tarun C Mathur Structural Consultant, 764, Sector 8-B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Bridge
2187	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge
2188	Const.	M/s Design Solutions Inc. SCO – 354, Sec- 11, Panchkula	Civil	Prof. Roshan Lal	Vetting of Structural/Hydraulic design
2189	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge Design
2190	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge Design

2191	Const.	M/s Pawan Singh Dogra, Engineer & Govt. Contractor, VPO Jijwin , Distt – Hamirpur HP	Civil	Prof. S.K Sharma	Vetting of Design and Drawings of sewage treatment plant
2192	Const.	PEC-CCE	Civil	Prof. S.K Verma	Construction of community centre sector – 39, Chandigarh
2193	Const.	M/s Bharuch Enviro Infrastructure Limited, Ankaleshwar, Gujarat	Dir office	Prof. Manoj Datta	Checking of Design
2194	Const.	Director, Ch. Devi Lal Memorial, Govt. Engg. College	Elect.	Prof. Balwinde r Singh	Vetting of specifications of lab equipments
2195	Const.	Executive Engineer, CP Division No. 2 (R), Chandigarh	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings
2196	Const.	Executive Engineer, N.H. Division, HP PWD, Solan	Civil	Prof. N.P. Devgan	Appointment of proof consultant
2197	Const.	M/s Atcon Engineers, H.No – 7, Sector – 11, Panchkula	Civil	Prof. S.K Sharma	Vetting of Design of Sewerage System at Meerut Cantt.
2198	Testing	SDE, Road Sub Division No. 9, M.C Chandigarh	Civil	Prof. Sarita Singla	Testing of pavers Blocks
2199	Const.	Station Engineer, Doordarshan, Amritsar	Metta.	Prof. P. Thareja	Structural Validation of TV Tower, at Amritsar
2200	Const.	Executive Engineer, HUDA, Division No. III, Gurgaon	Civil	Prof. P. K. Gupta	Third party Quality Inspection for Road Works.
2201	Const.	M/s Sanjay Associates, A-1/303, Bharat Apartments, Sector -18A, Plot No. 08, Dwarka, New Delhi	Civil	Prof. R.R Singh	Consultancy report with checking
2202	Const.	Executive Engineer -1, Chandigarh Housing Board, Chandigarh	Civil	Prof. Roshan Lal	Design Mix – M-25

2203	Const.	M/s Design Solutions Inc. SCO – 354, Sec-11, Panchkula	Civil	Prof. S.K Verma	Vetting of Structural Design of Pump Chamber and Underground Sump at Kajauli, Punjab
2204	Const.	Executive Engineer, Civil Const. Division, Rohatak	Civil	Prof. S.K Verma	Checking of estimates and Vetting of Structural Drawings
2205	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design/Drawings
2206	Const.	M/s Edifice Inc. , C/o Khosala timbers, Timber Market, Shop No-5, Sector - 26, Chandigarh	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings for Magazines
2207	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design/Drawings
2208	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design/Drawings
2209	Const.	M/s Indian Oil Corporation, SCO – 35-36, Sector – 7C, Chandigarh.	Civil	Prof. Roshan Lal	Testing of pavers Blocks
2210	Const.	Executive Engineer, HUDA Division No. V, Gurgoan.	Civil	Prof. P. K. Gupta	Third party Quality Inspection for construction of roads at Gurgaon.
2211	Const.	Executive Engineer, HUDA Division No. V, Gurgoan.	Civil	Prof. P. K. Gupta	Third party Quality Inspection for construction of roads at Gurgaon.
2212	Const.	Superintending Engineer, Pb. PWD (B&R) Branch, Ludhiana	Civil	Prof. P. K. Gupta	Proof Checking of Bridge
2213	Const.	Executive Engineer (D) B&R, Municipal Corporation, Ludhiana	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Drawings
2214	Const.	Executive Officer, Panchayat Samiti, Chandigarh	Civil	Prof. Roshan Lal	Testing of pavers Blocks

2215	Const.	Executive Officer, Panchayat Samiti, Chandigarh	Civil	Prof. Roshan Lal	Testing of pavers Blocks
2216	Const.	Executive Engineer -1, Chandigarh Housing Board, Chandigarh	Civil	Prof. Sarita Singla	Design Mix – M-25
2217	Const.	M/s Harjeet Singh Engineers & Contractors, 97/1, Jawhar Nagar Mandi (HP)	Civil	Prof. S.K Sharma	Vetting of Design of Water Treatment Plant
2218	Const.	M/s Vishal Infrastructure Ltd., # 52, R. V. Road, Basavanagudi, Bangalore	Civil	Prof. Umesh Sharma	Resurfacing of Runway
2219	Const.	Executive Engineer, Central Works Division, PWD B&R Br. Abohar	Civil	Prof. P. K. Gupta	Job Mix Formula
2220	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge Design
2221	Const.	Executive Engineer, HUDA Division No. III, Gurgaon.	Civil	Prof. P. K. Gupta	Third party Quality Inspection for construction of roads at Gurgaon.
2222	Const.	M/s Bachitter Singh Associates, SCO – 20, IIInd Floor, Madhya Marg, Sector- 7/C, Chandigarh	Civil	Prof. N.P. Devgan	Proof Checking of Structural Design and Drawings of Temporary Shed of Modren Whole Sale Market for fruits and vegetables at parala
2223	Const.	M/s Floora Udyog, Solan, Himachal Pardesh	Civil	Prof. Sarita Singla	Design of Pump House for the work Sh. Naina Devi at Kot Ke
2224	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of EWS Houses
2225	Const.	Executive Engineer – I, Panjab University	Civil	Prof. Sarita Singla	Testing of Cement Sample - OPC – G-43
2226	Testing	SDE, M.C Road Sub Division No. 8, Sector – 17, Chandigarh	Civil	Prof. Sarita Singla	Testing of pavers Blocks

2227	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2228	Const.	M/s Garrison Engineer (AF), MC, Military Engineer Services, Chandigarh – 160 003	Civil	Prof. N.P. Devgan	Dome Roof Leakage & Structural Soundness in certain buildings of Engine division at the 3BRD Air Force Station Chandigarh
2229	Const.	M/s Creative Consultants, 2402, Top Floor, Guru Har Rai Sahib Complex, Sec- 67, Mohali	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings tehsil building at Farukh Nagar (Gurgaon)
2230	Const.	M/s Creative Consultants, 2402, Top Floor, Guru Har Rai Sahib Complex, Sec- 67, Mohali	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings tehsil building at Farukh Nagar (Gurgaon)
2231	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of Multipurpose Hall, Nuh
2232	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Building Structure of Labours Court at Gуроан
2233	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings for 11 sites in Haryana
2234	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Library Block at Meham
2235	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Judicial Block of Mini Sect. at Palwal
2236	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of 100 Beded Hospital at Palwal
2237	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Banquet Hall at Rewari
2238	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Govt. College at Narwana (Jind)

2239	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings for Roof Top Sites in Haryana
2240	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings for 10 sites in Haryana
2241	Const.	SDE Divisional Engineer, HUDA, Sub Division No-II, Ambala	Civil	Prof. N.P. Devgan	Vetting of Design of Truss of Badminton Hall at sports complex, Ambala
2242	Const.	M/s Unipro Techno Infrastructure Pvt. Ltd., SCO – 36, IIInd Floor, Sec-18/D, Chandigarh	Civil	Prof. N.P. Devgan	Counter Checking of Design/Drawings of Water Tanks
2243	Const.	M/s Banal Prefabs Pvt. Ltd., 164, Industrial Area, Phase – 1, Chandigarh	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings of pre-engineering buildings at Leh
2244	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Consultancy for checking of Structural Design/Drawings
2245	Const.	Executive Engineer Civil Construction Division, UHBVN Rohtak, # 786/28, Bharat Colony, Near Sheela Bye Pass, Rohtak.	Civil	Prof. S.K Verma	Physical Inspection of work.
2246	Const.	Executive Engineer, HUDA Division No. IV, Gurgaon.	Civil	Prof. P. K. Gupta	Third party quality inspection
2247	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Checking of Structural Design/Drawings
2248	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Checking of Structural Design
2249	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof. Consultancy for checking of Structural Design/Drawings
2250	Const.	Executive Engineer, HUDA Division No. IV, Gurgaon.	Civil	Prof. P. K. Gupta	Third party quality inspection

2251	Const.	M/s Nagi & Associates, 1085, Sector 71, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structure Drawings
2252	Const.	Executive Engineer, C.P Division No. 5, Chandigarh	Civil	Prof. Roshan Lal	Checking of Structure Design of Block – E, GMCH – 32, Chandigarh
2253	Const.	SDE, Road, Sub Div. No. 2, MC, Chandigarh	Civil	Prof. Roshan Lal	Testing of Cubes
2254	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Checking of Structural Design/Drawings for SS Tank No. 2 Sector – 14P Hissar
2255	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Checking of Structural Design/Drawings for Academic Block at Sanik School at Gothra Tappi Khor, Rewari
2256	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Checking of Structural Design/Drawings for Directorate of Urban Local Bodies Haryana
2257	Const.	Assistant Engineer, Project Sub-Divn – II, CPWD, Chandigarh	Civil	Prof. S.K Verma	Design Mix M-25
2258	Const.	M/s Chopra Consulting Engineers, H.No – 1076, G.F, Sector – 21 B, Chandigarh	Civil	Prof. Roshan Lal	Checking of Structural Design/Drawings
2259	Const.	Assistant Engineer, PWD, Jalandhar	Civil	Prof. Roshan Lal	Design Mix M-25
2260	Const.	Punjab PWD Division No. 2, Bhatinda	Civil	Prof. Umesh Sharma	Mix Design M-25
2261	Const.	M/s Jindals Consortium, SCF – 9, Vikas Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2262	Const.	M/s Jindals Consortium, SCF – 9, Vikas Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings

2263	Const.	Divisional Engineer (C-III), GMADA, Mohali	Civil	Prof. Roshan Lal	Checking of Structural Design
2264	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings for 10 Nos sites in Punjab
2265	Const.	Divisional Engineer (C-III), GMADA, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Structural Design
2266	Const.	DLF India Ltd. Chandigarh Technology Park, Plot No. 2, Tower D, Gr Floor, Chandigarh	Civil	Prof. S.K Singh	Soil Test Report of DLF Project at Mullanpur
2267	Const.	Assistant Engineer, CPWD, Jalandhar	Civil	Prof. Roshan Lal	Mix Design M-25
2268	Const.	M/s Unipro Techno Infrastructure Pvt. Ltd., SCO 36, 2 <sup>nd</sup> Floor, Sec-18/D, Chandigarh	Civil	Prof. N.P. Devgan	Checking of Structural Design
2269	Const.	M/s Jindals Consortium, SCF – 9, Vikas Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2270	Const.	M/s Aditcon India Private Limited, # 3140, Sec-21/D, Chandigarh	Civil	Prof. N.P. Devgan	Checking and Vetting of Calculations regarding the left bank abutment of Steel Bridge project referred to PEC
2271	Const.	M/s Consulting Engineers Assoc., S.C.O - 51, 2 <sup>nd</sup> Floor, Swastik Vihar, Sec-5, PKL	Civil	Prof. P. K. Gupta	Proof Checking of Design for approaches to ROB at Railway xing no 27 on Delhi-Ambala Rail section at Sonepat
2272	Const.	Creative Consultants, 2402 Top Floor, Sector – 67, GHRS Complex, Sec- 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
2273	Testing	M/s D.P Jain & Co, Infrastructure Pvt. Ltd, under Chief Engineer (Air Force Udhampur)	Civil	Prof. P. K. Gupta	Testing of Runway at Air Force Station Leh for toughness
2274	Const.	M/s Jindals Consortium, SCF – 9, Vikas Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings

2275	Const.	M/s Kerala Enviro Infrastructure Ltd., Ambalamedu, Kochi	Dir office	Prof. Manoj Datta	Inspection of the 2nd Cell of Secured landfill in Kerala Enviro Infrastructure Ltd. (KEIL)
2276	Const.	M/s Vishal Infrastructure Ltd, R V Road, Bangalore	Civil	Prof. Umesh Sharma	Resurfacing of Runway
2277	Const.	Executive Engineer, HUDA Division, Rewari	Civil	Prof. P. K. Gupta	Third Party Inspection
2278	Const.	M/s Tech-Pecific, SCO-80-82, Sec- 34 A, Chandigarh	Civil	Prof. Roshan Lal	Proof Checking and Modifications of Structural Drawings of Commercial buildings at Jalandhar
2279	Const.	M/s Unipro Techno Infrastructure Pvt. Ltd., SCO 36, 2 <sup>nd</sup> Floor, Sec-18/D, Chandigarh	Civil	Prof. N.P. Devgan	Counter Checking of Structural Design/Drawings
2280	Testing	Executive Engineer - 1, Panjab University, Chandigarh	Civil	Prof. Roshan Lal	Testing of Cement Sample
2281	Testing	Executive Engineer (QC) H.A.S.M Board, Panchkula	Civil	Prof. S.K Verma	Testing of samples of premix carpet with seal coat
2282	Const.	Executive Engineer, HUDA Division No- 2, Faridabad	Civil	Prof. S.K Verma	Str. Design/Strengthening of the strom water drain
2283	Const.	M/s Ramky Infrastructure Ltd. Haderabad	Civil	Prof. S.K Sharma	Vetting of OHSR, CWT & Pump Chamber for HSIDC at 4-B, Sector, Bahadurgarh.
2284	Testing	Muncipal Council Gobindgarh, Fatehgarh Sahib (Punjab)	Civil	Prof. Roshan Lal	Testing of Pavers
2285	Const.	M/s Towervisioin India Pvt.Ltd., E-178, Phase – 7, Indl Area, Mohali Punjab	Civil	Prof. N.P. Devgan	Checking of Structural Design of supporting arrangement of Roof Top mobile Towers at Panchkula
2286	Const.	Divisional Engineer - II GAMADA, SAS Nagar	Civil	Prof. N.P. Devgan	Counter Checking of Structural Design/Drawings

2287	Testing	SDE M.C.P.H Sub Div. No. 13, Chandigarh	Civil	Prof. N.P. Devgan	Testing of RCC Road gully cover and frame, RCC Road gully slab and frame, RCC vertical grating.
2288	Testing	SDE M.C. Roads Sub Div. No. 8, Sec- 17, Chandigarh	Civil	Prof. Roshan Lal	Testing of Pavers
2289	Testing	SDE Roads Sub Div. No. 8, Chandigarh	Civil	Prof. Roshan Lal	Testing of Pavers
2290	Const.	Asstt. Engg., Amritsar Central Division 2/1 R.T Road ASR	Civil	Prof. Roshan Lal	Mix Design M-25
2291	Const.	Divisional Engineer - II GAMADA, SAS Nagar	Civil	Prof. N.P. Devgan	Counter Checking of Structural Design
2292	Const.	CPWD, Shimla Central Division-I, Kennedy Cottage, Shimla	Civil	Prof. N.P. Devgan	Construction of old age home at Shimla
2293	Testing	SDE M.C. Roads Sub Div. No. 2, Sec- 17, Chandigarh	Civil	Prof. Roshan Lal	Testing of Cubes
2294	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2295	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2296	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2297	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2298	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings

2299	Const.	M/s Edifice Inc., C/o Khosala timbers, Sec- 26, Chandigarh	Civil	Prof. N.P. Devgan	Vetting of Structural Design
2300	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of PWD Rest House
2301	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2302	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2303	Const.	Strata Geosystems India (P) Ltd. Mumbai	Dir office	Prof. Manoj Datta	Proof Checking of RE Wall Foundation
2304	Const.	M/s Structulogix, Jalandhar	Civil	Prof. Roshan Lal	Proof. Checking of Structural Design and Drawings
2305	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2306	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2307	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2308	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2309	Const.	M/s Consulting Engineers Assoc. SCO-51, Sec-5, PKL	Civil	Prof. P. K. Gupta	Proof consultancy for ROB at Sonepat
2310	Const.	Strata Geosystems India (P) Ltd. Mumbai	Dir office	Prof. Manoj Datta	Proof Checking of RE Wall Foundation

2311	Const.	Executive Engineer, HUDA, Division No. III, Gurgaon	Civil	Prof. P. K. Gupta	Third Party Inspection
2312	Const.	Ext. Engg., Construction Division No. 2, PWD, Kapurthala	Civil	Prof. P. K. Gupta	Job Mix Design
2313	Const.	Executive Engineer, HUDA, Division No. II, Gurgaon	Civil	Prof. P. K. Gupta	Third Party Inspection
2314	Const.	Assistant Engineer, Project Sub-Divn , CPWD, Chd	Civil	Prof. Roshan Lal	Mix Design M-30
2315	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2316	Const.	M/s Creative Consultants, Mohali	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings
2317	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2318	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2319	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2320	Const.	M/s Marc Technocrats Pvt. Ltd., Bhadurgarh, Haryana	Civil	Prof. P. K. Gupta	Proof Checking of Bridge Design and Drawings
2321	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2322	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings

2323	Testing	SDE Roads Sub Div. No. 10, M.C. Chandigarh	Civil	Prof. Sarita Singla	Testing of pavers Blocks
2324	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2325	Const.	Executive Engineer, HUDA, Division No. I, Gurgaon	Civil	Prof. P. K. Gupta	Third Party Inspection
2326	Const.	M/s Vijay K Soni, Govt. Contractor, Hamirpur, H.P	Civil	Prof. S.K Verma	Vetting of Structural Drawings
2327	Const.	Executive Engineer, HUDA, Division No. I, Panchkula	Civil	Prof. P. K. Gupta	Regarding installation of surge valve
2328	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 5 sites
2329	Const.	M/s MSV International, Inc, D-7, South City-1, Gurgaon	Civil	Prof. P. K. Gupta	Proof Checking of R.C.C Bridge.
2330	Testing	Eexecutive Officer, Panchayat Samiti, Chanidigarh	Civil	Prof. Roshan Lal	Testing of PCC Big Kerbs
2331	Testing	Eexecutive Officer, Panchayat Samiti, Chanidigarh	Civil	Prof. Roshan Lal	Testing of Pavers
2332	Testing	SDE M.C. Roads Sub Div. No. 8, Sec- 17, Chandigarh	Civil	Prof. Roshan Lal	Testing of Pavers
2333	Const.	M/s Unipro Techno Infrastructure Pvt. Ltd., Chandigarh	Civil	Prof. N.P. Devgan	Counter Checking of Structural Design
2334	Testing	Assistant Engineer (Civil), Doordarshan Complex, Chd.	Civil	Prof. Roshan Lal	Testing of Cement

2335	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2336	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2337	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2338	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2339	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2340	Const.	SDO Const. S/Div HVPNL Shabad, Haryana	Civil	Prof. Umesh Sharma	Construction of well type foundation of 66KV line
2341	Const.	M/s Ramky Infrastructure Ltd. Hyderabad	Civil	Prof. S.K Sharma	Vetting of Design and Drawings
2342	Const.	M/s National Engineering Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof. Checking of Structural Design and Drawings
2343	Testing	SDE M.C. Roads Sub Div. No. 8, Sec- 17, Chandigarh	Civil	Prof. Roshan Lal	Testing of Pavers
2344	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2345	Testing	Asstt. Engg. (Civil), Doordarshan Complex, Sec -37B, Chd.	Civil	Prof. N.P. Devgan	Design Mix M-25
2346	Const.	Executive Engineer, W/S & Sanitation Div. No. 2, Mohali	Civil	Prof. Roshan Lal	Checking of Structural Design

2347	Const.	SDE M.C. Roads Sub Div. No. 2, MC, Chandigarh	Civil	Prof. Roshan Lal	Testing of Cement Concrete Cubes
2348	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2349	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2350	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2351	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2352	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2353	Const.	M/s Bachitter Singh Associates, Chandigarh	Civil	Prof. N.P. Devgan	Proof Checking of Structural Design and Drawings
2354	Testing	M/s Kalsi Filling Station, Vill- Bhattiwal, Batala, Gurdaspur	Civil	Prof. Roshan Lal	Testing of Pavers
2355	Const.	Public Sector (Confidential)	DAA& CSE	Prof. Sanjeev Sofat	Consultancy
2356	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2357	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2358	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings

2359	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2360	Const.	M/s Shivalik Solid Waste Management Limited, Solan	Dir office	Prof. Manoj Datta	Consultancy charges for visit at Shivalik site
2361	Const.	M/s Creative Consultants, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings
2362	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2363	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2364	Const.	Conware, Punjab State Container & Warehousing Corp. Ltd.	Civil	Prof. S.K Verma	Vetting of Structural Design and Drawings
2365	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2366	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2367	Const.	M/s Creative Consultants, Sector - 67, Mohali	Civil	Prof. S.K Verma	PEC Certified Drawings and Structure stability certificate
2368	Const.	District Consumer Dispute Redressal Forum, Mohali	Mech.	Prof. Sushant Samir	Inspection of Maruti Alto Car
2369	Const.	District Forum - 1, U.T Chanidgarh	Mech.	Prof. Sushant Samir	Inspection of Vechicle Indigo CS LX
2370	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Structural Design and Drawings

2371	Const.	Er. Devinder Kumar, # 3752, Sector - 9, Chandigarh	Civil	Prof. N.P. Devgan	Checking of Structural Design
2372	Const.	Homoeopathic Mediacial Collage & Hospital Assoc., Chd.	Civil	Prof. Sarita Singla	Evaluation of Load Bearing
2373	Const.	M/s Kamal dev Sharma, Contractor	Civil	Prof. Roshan Lal	Vetting of Structural Design Drawings
2374	Testing	SDE M.C. Roads Sub Div. No. 8, Sec- 17, Chandigarh	Civil	Prof. Sarita Singla	Testing of Pavers
2375	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design & Drawings
2376	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design & Drawings
2377	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design & Drawings
2378	Testing	SDE M.C. Roads Sub Div. No. 6, MC, Chandigarh	Civil	Prof. Sarita Singla	Testing of Pavers
2379	Const.	District Forum - II, U.T Chanidgarh	Mech.	Prof. Sushant Samir	Inspection of Vechicle
2380	Const.	District Forum - II, U.T Chanidgarh	Mech.	Prof. Sushant Samir	Inspection of Vechicle
2381	Testing	SDE M.C. Roads Sub Div. No. 8, Sec- 17, Chandigarh	Civil	Prof. Roshan Lal	Testing of Pavers
2382	Testing	SDE M.C. Roads Sub Div. No. 8, Sec- 17, Chandigarh	Civil	Prof. N.P. Devgan	Testing of Pavers

2383	Const.	SDE, HUDA, Sub Div No. 1, Rewari	Civil	Prof. P. K. Gupta	Third Party Inspection
2384	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2385	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2386	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2387	Const.	Nutech Infrastructure Pvt. Ltd., New Delhi	Civil	Prof. P. K. Gupta	Proof. Checking of design
2388	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2389	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2390	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2391	Const.	Rayat-Bahra, SCO-126-127, Sector-34 A, Chandigarh	E&EC	Prof V. Rihani	Infuse Lab quality
2392	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Bridge
2393	Const.	SDE, Provincial Sub Div Dabwali, PWD B&R Br. Sirsa	Civil	Prof. P. K. Gupta	GSB Job Mix Formula
2394	Const.	M/s Sandeep Kumar, Veer Colony, Bathinda	Civil	Prof. N.P. Devgan	Design approval for proposed PWD Rest House

2395	Testing	SDE M.C. Roads Sub Div. No. 8, Sec- 17, Chandigarh	Civil	Prof. Sarita Singla	Testing of Pavers
2396	Const.	Continental Foundations, Sector-43/B, Chandigarh	Civil	Prof. Roshan Lal	Checking of Structural Design
2397	Const.	M/s Sohi Builders, Phase - I, Panchkula	Civil	Prof. Sarita Singla	Vetting of group housing building towers
2398	Const.	M/s Ureka Engineers, Todar Mal Road, New Delhi	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings
2399		<b>Cancelled</b>			
2400	Testing	SDE Construction Sub Div. No. 6, Chandigarh	Civil	Prof. N.P. Devgan	Testing of Bricks
2401	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking Litigent Hall, Rohtak
2402	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking Office Building, Kaithal
2403	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking Govt. College, Barwala
2404	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design & Drawings
2405	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking Bus Stand, Ramdass, Amritsar
2406	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking Club Building, Kaithal

2407	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking Govt. College Dabwali, Sirsa
2408	Const.	M/s Tech Pecific, Sector 34, Chandigarh	Civil	Prof. Roshan Lal	Modification of Structural Design/Drawings
2409	Const.	Ext. Engg., Discharge Division, I.B Punjab, Mohali	Civil	Prof. N.P. Devgan	Architectural Consultancy for construction
2410	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Checking of Structural Design and Drawings
2411	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Checking of Structural Design and Drawings
2412	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2413	Const.	Divisional Engineer (HQ) GLADA, Ludhiana	Civil	Prof. P. K. Gupta	Widening of Ludhiana Ferozepur Road
2414	Const.	PSI&ECL, Udyog Bhawan, Sector - 17 - A, Chaddigarh	Civil	Prof. S.K Verma	Construction of state Data Cetre
2415	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2416	Const.	M/s Nagi & Associates, 1085, Sector 71, Mohali	Civil	Prof. N.P. Devgan	Vetting of Hydraulic & Structure Design
2417	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings
2418	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design and Drawings

2419	Const.	Ext. Engg. Sub. Div PWD B&R, SAS Nagar	Civil	Prof. Roshan Lal	Checking of Structural Design of Sub Tehsil Morinda
2420	Const.	M/s Tech-Pacific, SCO-80-82, Sec- 34 A, Chandigarh	Civil	Prof. Roshan Lal	Proof checking/modifications of structural design
2421	Const.	M/s Chopra Consulting Engineers, 1076/21B, Chandigarh	Civil	Prof. Roshan Lal	Checking of Structural Design of Sub Tehsil Morinda
2422	Const.	SDE, HUDA, Sub Div No. 1, Rewari	Civil	Prof. P. K. Gupta	Prov. Storm Water Drainage Scheme

## CONSULTANCY RECORDS FOR THE YEAR 2012-2013

<b>Ref No.</b>	<b>Type of Project</b>	<b>Agency</b>	<b>Dept.</b>	<b>PI's Name</b>	<b>Project Title</b>
2423	Const.	District Forum - 1, U.T Chanidgarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2424	Const.	M/s Pioneer Bricks, Dera Bassi, Distt. Mohali	Civil	Prof. R.R Singh	Technical Advice for Bricks
2425	Const.	Executive Engineer, HUDA Division No. 1, Rewari	Civil	Prof. P. K. Gupta	Providing Sewerage Scheme in Sec- 19, Rewari
2426	Const.	Executive Engineer, HUDA Division, Rewari	Civil	Prof. P. K. Gupta	Third Party Inspection
2427	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2428	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2429	Const.	M/s Welspun Projects Ltd., Lower Parel, Mumbai	Civil	Prof. S.K Sharma	Surge Analysis for 2200 mm dia Rising Main
2430	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2431	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2432	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings

2433	Const.	M/s Bharuch Enviro Infrastructure Ltd, Ankaleshwar, Gujarat	Dir office	Prof. Manoj Datta	Checking of Design of cell 6 of new landfill at BIEL
2434	Testing	SDE, Road, Sub Div. No. 8, MC, Chandigarh	Civil	Prof. Roshan Lal	Testing of Pavers
2435	Const.	M/s Welspun Projects Ltd., Lower Parel, Mumbai	Civil	Prof. S.K Sharma	Approval/Vetting of Hydraulic Design of Pipeline
2436	Const.	M/s PACL Limited, SCO- 76, Phase - IX, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings
2437	Const.	Executive Engineer, HUDA Division, No. 3, Faridabad	Civil	Prof. P. K. Gupta	Third Party Inspection
2438	Const.	Executive Engineer, HUDA Division No. 1, Rewari	Civil	Prof. P. K. Gupta	Providing Sewerage Scheme in Sec- 19, Rewari
2439	Const.	Executive Engineer, HUDA Division, No. V, Gurgaon	Civil	Prof. P. K. Gupta	Construction of sector Roads
2440	Const.	M/s Vinod Mutneja Consultants Pvt. Ltd., New Delhi	Civil	Prof. N.P. Devgan	Peer Review of One Horixon Centre (OHC Gurgaon)
2441	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking U.T Employees Housing Scheme
2442	Const.	M/s Vinod Mutneja Consultants Pvt. Ltd., New Delhi	Civil	Prof. N.P. Devgan	Peer Review of One Horixon Centre (OHC Gurgaon)
2443	Const.	M/s Vinod Mutneja Consultants Pvt. Ltd., New Delhi	Civil	Prof. N.P. Devgan	Peer Review of One Horixon Centre (OHC Gurgaon)
2444	Testing	SDE, MC, Road, Sub Div. No. 8, MC, Chandigarh	Civil	Prof. Roshan Lal	Testing of Pavers

2445	Testing	M/s Consolidated Construction Consortium Ltd, N. Delhi	Civil	Prof. Roshan Lal	Mix Design M- 25 & M- 30
2446	Const.	Executive Engineer DCWE, B&R, Commander Works, Ambala Cantt	Civil	Prof. Roshan Lal	Rehabilitation of Structurally Distressed Buildings
2447	Const.	Public Sector (Confidential)	DAA/CSE	Prof. S. Sofat	Consultancy
2448	Const.	M/s MSV International Inc, 81, Sector- 15, Sonepat	Civil	Prof. P. K. Gupta	Proof Checking of R.C.C Bridge over Train Crossing Sonepat
2449	Const.	M/s Bhakara Beas Management Board, (Power Wing) Nangal	Metta.	Prof. R.K Mahajan	Micro Structure Test of Cut Piece
2450	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy of structural Design / Drawing
2451	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of structural Design / Drawings
2452	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of structural Design / Drawings
2453	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy of structural Design / drawing
2454	Const.	M/s Oasis Const. Company, Sector- 15, Panchkula	Civil	Prof. Roshan Lal	P/C of Structural Design/ Drawings of water tank of 3.10 lacs
2455	Const.	M/s Vinod Mutneja Consultants Pvt. Ltd., New Delhi	Civil	Prof. N.P. Devgan	Street Review of DHC- Gurgaon
2456	Const.	M/s Nissan motors India Pvt Ltd C/o District Forum - 1, U.T Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle

2457	Const.	M/s Tarun C mathur Structural Consultant, 764, Sector – 8/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Bridges
2458	Const.	M/s S.P Singla Construction Pvt. Ltd., Flat No-22, Block – D/10, Sec – 7, Rohini, Delhi	App.Sci	Prof. L.N. Sharma	Geological Consultancy Services on Mughal Road J & K
2459	Const.	Executive Engineer, Punjab Mandi Board, Gurdaspur, Punjab	Civil	Dr. Tripta Goyal	Upgradation of Link Road
2460	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2461	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of structural Design / drawings
2462	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of structural Design / drawings
2463	Const.	Consulting Engineers Associates , Sec- 5, Panchkula	Civil	Prof. P. K. Gupta	Proof Checking of design of Proposed H.L. Bridge over Begna Nadi
2464	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2465	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of structural Design / drawings
2466		Cancelled			
2467	Const.	Executive Engineer M.C.P.H., Division No- 3, Chandigarh	App.Sci	Dr. H. Kaur	Chemical Analysis of Pre- Stressed Concrete Pipeline
2468	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of structural Design / drawings

2469	Const.	M/s Shivalik Solid Waste Management Ltd, Baddi	Dir office	Prof. Manoj Datta	Technical Advice for the Construction of Cell 2, of landfill at Baddi
2470	Const.	M/s Neel Construction Links Pvt Ltd, # 870, Sector – 15/II, Gurgaon, Haryana	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawing
2471	Const.	Executive Engineer, Huda, Div No-6, Gurgaon	Civil	Prof. P. K. Gupta	Strengthening of Master Road with RMC
2472	Const.	Executive Engineer Prov. Division, PWD, Fatehabad	Civil	Prof. P. K. Gupta	Proof Checking of Design & Drawing for Bridge
2473	Const.	District Consumer Forum - 1, U.T Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Car
2474	Const.	M/s Kerala Enviro Infrastructure Ltd, Ambalamedu, Kochi	Dir office	Prof. Manoj Datta	Technical Advice on Design and Const. of 3rd & 4th cell of KEIL, Landfill, Kochi
2475	Const.	Xen PWD (B & R), Haryana	Civil	Prof. P. K. Gupta	Proof Checking of Two bridges in Ambala District
2476	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of structural Design / drawings
2477	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of structural Design / drawings
2478	Const.	Executive Engineer Prov. Division, PWD, Fatehabad	Civil	Prof. P. K. Gupta	Proof Checking of design & Drawing for Bridge
2479	Testing	Assistant Manager (Civil), HSCC(India) Ltd, Patiala	Civil	Prof. Roshan Lal	Mix Design M- 25 & M- 30
2480	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings

2481	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Vetting of Structural Design/Drawings
2482	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Design / Drawings
2483	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Non Destructive Testing of Akzonobel Paint Co.
2484	Const.	M/s Ravinder Khosla Associates, H.O- 92, The Mall, Civil Lines, Ludhiana	Civil	Prof. N.P. Devgan	Vetting of Structural drawings of Multipurpose Hall
2485	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. N.P. Devgan	Counter Checking of Design / Drawings
2486	Const.	M/s S.P Singla Construction Pvt. Ltd., Flat No-22, Block – D/10, Sec – 7, Rohini, Delhi	App.Sci	Prof. L.N. Sharma	Geological Consultancy Services on Mughal Road J & K
2487	Cancelled				
2488	Const.	Dept. of Local Govt., Punjab, (Vigilance Cell) SCO -131-32, Sec- 17 C, Chandigarh	Civil	Prof. R.R Singh	Inspection of various cracks developed in a building built by Improvement Trust Moga
2489	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Dr. S.K Verma	Proof Checking of Structural Design and Drawings
2490	Const.	Gurdeep Singh C/o Consumer Dispute Redressal Forum-II, Chandigarh	Mech.	Prof. Sushant Samir	Consumer Dispute Redressal Forum-II, Chandigarh ( Inspection of Vehicle)
2491	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design / Drawings
2492	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Dr. S.K Verma	Proof Checking of Structural Design and Drawings

2493	Const.	M/s Anamika Uppal C/o Consumer Dispute Redressal Forum-II, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2494	Const.	Sh. Jaswinder Singh C/o Consumer Dispute Redressal Forum-II, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2495	Const.	Sh. Jaswant Singh C/o Consumer Dispute Redressal Forum-II, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2496	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2497	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2498	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2499	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2500	Const.	M/s Sheltera Consultants Pvt. Ltd, 580, Rishi Nagar, Shakur Basti, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 3 sites
2501	Const.	Ext. Engg. HUDA, Div. No. 3, SCO-25, Sec-12, Faridabad	Civil	Prof. P. K. Gupta	Third Party Inspection
2502	Const.	Venus Remedies Ltd., Sco-51-52, Ind. Area, Ph-1, PKL	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2503	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2504	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings

2505	Testing	M/S Kukreja Engineers, 1420, Sec.15, Punchkula	Civil	Prof. Sarita Singla	Testing of cubes -28 days (2No2samples)
2506	Const.	M/s Unipro Techno.Infrastructure Pvt.Ltd Sec 7/C Chd	Civil	Prof. Roshan Lal	Counter Checking of Structural Design
2507	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala City	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2508		M/S Kukreja Engineers, 1420, Sec.15, Punchkula	Civil	Prof. Sarita Singla	Testing of Cubes 28 days (03No2 Samples)
2509	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
2510	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
2511	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
2512	Testing	SSP Vigilance Bureau, Bathinda	App.Sci	Prof. Vasundhar a Singh	Testing of Cement Concrete Samples
2513	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for RCC Bridge, JLN Canal
2514	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design / Drawings
2515	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking for 7m RCC Box Bridge
2516	Testing	Executive Engineer Prov. Division 1, PWD, B&R Sirsa	Civil	Prof. P. K. Gupta	Job Mix Formula

2517	Const.	M/s Sachin Bansal, # 74, Sec-6, Panchkula	Civil	Prof. Roshan Lal	Proof Checking of Structural Design / Drawings
2518	Testing	Executive Engineer - 1, Panjab University, Chandigarh	Civil	Prof. Sarita Singla	Testing of Cement sample
2519	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings for 1 site
2520	Const.	M/s Vishal Singh, SCO-190-92, Sec-8/C, Chandigarh	Civil	Prof. Roshan Lal	Checking of Structural Strength of SCO-190-92 Sec-8/C, Chd.
2521	Const.	M/s Continental Foundations, H.No- 1059, Sec-43/B, Chd.	Civil	Prof. Roshan Lal	Structure Design Consultancy of ADR centre
2522	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings for 3 site
2523	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings of RCC Tail
2524	Testing	SDO(C-1), Punjab Mandi Board, Sabji Mandi Ph.II, Ajitgarh	Civil	Prof. P. K. Gupta	Testing of colour coated Prof. iled galvalume sheets
2525	Const.	District Forum - II, U.T Chanidgarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2526	Const.	OSD, Vigilance Cell, U.T Chandigarh	App.Sci	Prof. Prem Lata	Examining of Cement Mortar samples
2527	Const.	M/s National Engineering Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof Checking of Structural Design
2528	Const.	Executive Engg. HUDA, Div. No IV, Gуроан, HR	Civil	Prof. P. K. Gupta	Third Party Inspection

2529	Const.	M/s Continental Foundations, H.No- 1059, Sec-43/B, Chd.	Civil	Prof. Roshan Lal	Proof Checking of Structural Design of Building Judicial Block
2530	Testing	M/s India International Habitat Centre, Ludhiana	Civil	Prof. Roshan Lal	Design Mix - M 25
2531	Testing	M/s India International Habitat Centre, Ludhiana	Civil	Prof. Sarita Singla	Design Mix - M 25
2532	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing
2533	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing
2534	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing
2535	Const.	ExecutiveEngineer, Central Works Division Sangrur, Patiala	Civil	Prof. P. K. Gupta	Construction of RoB at Lc No. A-66/2 Ludhiana-Jakhal
2536	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Structural Design /Drawing
2537	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Structural Design /Drawing
2538	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Structural Design /Drawing
2539	Testing	National Highway Authority of India, Jalandhar	Civil	Prof. P. K. Gupta	Job Mix Design for SDBC
2540	Const.	National Engg Project Consultancy TAN NO. AAIPV5404B	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing

2541	Const.	M/s Unipro Techno.Infrastructure Pvt.Ltd Sec 7/C Chd	Civil	Prof. Roshan Lal	Counter Checking of Structural Design of Pump House
2542	Const.	Ext. Engineer, Provincial Division No. 2,(NH), PWD, Hisar	Civil	Prof. P. K. Gupta	Proof Checking of Design of reconstruction of bridge
2543	Const.	Ext. Engineer, Division No. 4, Gurgaon	Civil	Prof. P. K. Gupta	Third Party Inspection
2544	Const.	Ext. Engineer, Provincial Division, PWD, B&R Naraingarh	Civil	Prof. P. K. Gupta	Proof Checking of Bridge
2545	Testing	AE(Civil), AGE -B/R-II, for Garrison Engineer (AF), Halwara	Civil	Prof. Umesh Sharma	Testing of material
2546	Const.	Deputy Gen. Manager- IV, HSRDC, Jhajjar	Civil	Prof. P. K. Gupta	Proof Checking of Bridge
2547	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing
2548	Const.	M/s EPC Engineering and Planning Consultants, Delhi	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design /Drawing
2549	Const.	Hindustan Zinc Ltd., Udaipur	Dir office	Prof. Manoj Datta	Technical Advice on Zawar Mines Tailing Dam, Udaipur
2550	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2551	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2552	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings

2553	Const.	3 Base Repair Depot, Air Force Station, Chandigarh	Metta	Prof. J.D Sharma	Indigenization of Cage Assembly
2554	Const.	M/s Tarun C Mathur Structural Consultant, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design of Bridges
2555	Const.	Divisional Engineer, GLADA, Ludhiana	Civil	Prof. P. K. Gupta	Widening of Ludhiana - Ferozpur road
2556	Const.	M/s L&T Construction, P.B.No - 979, Chennai	Civil	Prof. Roshan Lal	Vetting of OHSR & UGSR Drawing
2557	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for Checking of Structural Design /Drawing
2558	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2559	Const.	Executive. Engineer, HUDA, Div.- 2, Gurgaon	Civil	Prof. S.K Singh	Third Party Inspection
2560	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Proof Checking of Structural Design of Bridges
2561	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing
2562	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing
2563	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2564	Const.	M/s Tech-Pacific, Structural Consultants, Mohali	Civil	Prof. Roshan Lal	Proof Checking and Modification of BML Staging Truss

2565	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2566	Const.	M/s Chopra Consulting Engg., Sector - 21/B, Chandigarh	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2567	Testing	Ext.Engg. Municipal Corporation Panchkula	Electral	Prof. Balwinde r singh	Testing of LED street light fixture
2568	Const.	Suptd. Engg. Electrical Circle Chandigarh	Electral	Prof. Balwinde r singh	Quality Inspection of Floodlight work at Cricket Stadium, Chd.
2569	Const.	UPL Environmental Engineers Ltd. (GAIL) Vadidara	Dir office	Prof. Manoj Datta	Consultancy for Landfil closure at Gas Flaring Project, Delhi
2569 A	Testing	SED Roads Sub Div No.8, MC Chandigarh	Civil	Prof. R.R Singh	Testing of Bricks
2570	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design /Drawing
2571	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design /Drawing
2572	Testing	Ext. Engg .(H.Q.) Panchayati Raj Public Works, Haryana	Civil	Prof. R.R Singh	Testing of Samples
2573	Testing	Ext. Engg .(H.Q.) Panchayati Raj Public Works, Haryana	App.Sci	Prof. Harminder Kaur	Testing of Cement Mortar samples
2574	Const.	Chief Manager ( Engg) Punjab Warehousing Corp. Chandigarh	Civil	Prof. R.R. singh	Vetting of Design
2575	Const.	Executive Engg. C P Division No. 4, Chandigarh	Civil	Prof. R.R. singh	Third Party Inspection

2576	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Counter Checking of Design/Drawings
2576 A	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design /Drawing
2577	Const.	M/s Tarun C Mathur Structural Consultant, Chandigarh	Civil	Prof. Sarita Singla	Proof Checking of Structural Design /Drawing
2577 A	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design /Drawing
2578	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings for 2 sites
2579	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing
2580	Const.	M/s National Engineering Projects Consultants H.No – 150 Sector – 16-A, Chandigarh	Civil	Prof. Roshan Lal	Proof Checking of Structural Design /Drawing
2581	Testing	M/s Mohan International Builders, Amritsar	Civil	Prof. P. K. Gupta	Testing of Cubes M -35 Grade
2582	Const.	M/s Unipro Techno.Infrastructure Pvt.Ltd Sec 7/C Chd	Civil	Prof. Sarita Singla	Proof Checking of Structural Design /Drawing
2583	Const.	M/s Welspun Projects Ltd .	Electrical	Prof.Balwinder singh	Vetting of Structural Design/Drawings
2584	Const.	M/s Kerla Enviro. Infrastructure Ltd, Kochi	Dir office	Prof. Manoj Datta	Inspection of Landfill of KEIL (3rd cell)
2585	Const.	District Consumer Disputes Redressal Forum (District Forum – I) U.T Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle

2586	Const.	Consulting Engineers Associates , SCO- 51, IIInd Floor, Swastik Vihar, Sec- 5, Panchkula	Civil	Prof. P. K. Gupta	Proof Checking of Design
2587	Testing	M/s Uppal Builders (P) Ltd., Ind. Area, Ph. II, Panchkula	Civil	Prof. P. K. Gupta	Testing of Cubes
2588	Const.	Government Organization (confidential)	DAA	Prof. Sanjeev Sofat	Question paper verification
2589	Testing	SDE, Electrical Division No. 11, Chandigarh	Metta.	Prof. Uma Batra	Testing of Aluminum Bar
2590	Const.	M/s Design Solutions Inc. SCO- 34, IIInd Floor Sec- 11, Panchkula	Civil	Prof. S.K Verma	Vetting of Valve Chambers
2591	Const.	Ext. Engg. HUDA Division No. V, Gurgaon	Civil	Prof. P. K. Gupta	Third Party Inspection
2592	Const.	M/s Design Tech, # 857, Sec-9, Panchkula	Civil	Prof. Roshan Lal	Proof Checking of Structural Design/Drawings
2593	Const.	M/s Design Tech, # 857, Sec-9, Panchkula	Civil	Prof. Roshan Lal	Proof Checking of Structural Design/Drawings
2594	Const.	Secretary, Municipal Committee, Naraingarh	Civil	Prof. Roshan Lal	Proof Checking of Structural Design/Drawings
2595	Const.	Shri Sadhu Singh, 84/2, Village - Shahimajra, Mohali	Civil	Prof. P. K. Gupta	Evaluation of building structural safety
2596	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Structural Design /Drawing
2597	Const.	Shri Balwinder Singh, 84/3, Village - Shahimajra, Mohali	Civil	Prof. P. K. Gupta	Evaluation of building structural safety

2598	Const.	National Rural Road Development Agency, New Delhi	Civil	Prof. Siby John	Scrutiny of project proposal under PMGSY, Punjab State as STA
2599	Const.	M/s Unifro Techno Infrastructure Pvt. Ltd., SCO – 36, IInd Floor, Sec- 18 D, Chandigarh	Civil	Prof. S.K Sharma	Vetting of Structural Design/Drawings
2600	Const.	M/s J.S Consultant, Kharkhoda Road Sampla, Rohtak, Haryana	Civil	Prof. P. K. Gupta	Proof Checking of Building Design
2601	Const.	M/s Creative Consultant, 2402 T.F, SGHRS Complex, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing
2602	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2603	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2604	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2605	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Counter Checking of Structural Design/Drawings
2606	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2607	Const.	M/s Unifro Techno Infrastructure Pvt. Ltd., SCO – 36, IInd Floor, Sec- 18 D, Chandigarh	Civil	Prof. S.K Sharma	Vetting of Structural Design/Drawings
2608	Testing	M/s Gagan Builders,	Civil	Prof. P. K. Gupta	Design Mix - M 25
2609	Const.	M/s J.S Consultant, Kharkhoda Road Sampla, Rohtak, Haryana	Civil	Prof. P. K. Gupta	Proof Checking of Building Design

2610	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Building Design/Drawings
2611	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Building Design/Drawings
2612	Const.	IDSE, AEE Civil, AGE B&R Nahan	Civil	Prof. P. K. Gupta	Inter locking Press tiles testing
2613	Testing	M/s Punj Lloyd, Vill & PO- Goindwal Sahib, Tehsil – Khadoor Sahib, Taran Taran, Punjab	Civil	Prof. Roshan Lal	Design Mix - M 25
2614	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2615	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2616	Testing	Project Director, AWHO, Sec-114, Mohali	Civil	Prof. Roshan Lal	Testing of Cement
2617	Const.	M/s National Engineering Projects Consultants H.No – 150 Sector – 16-A, Chandigarh	Civil	Prof. S.K Verma	Proof Checking of Structural Design /Drawing
2618	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2619	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2620	Const.	M/s Mukesh Ranjan Contractors, Hazipur Road, Dasuya, Hoshiarpur, Punjab	Civil	Prof. Roshan Lal	Checking of Structural Design
2621	Const.	M/s Varaha Infra Ltd., H.No- 1017, Sec-26, Panchkula	Civil	Prof. P. K. Gupta	Third Party testing of Steel, Cement and Bentonite

2622	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Building Design/Drawings
2623	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2624	Const.	M/s EMM TEE Constructions, F-44, Industrial Area, Ph. VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Redesign/Analysis of strength & suitability
2625	Testing	Sub Divisional Officer (c-1) Punjab Mandi Board, Ajitgarh	Civil	Prof. P. K. Gupta	Testing of Puff Panels

## CONSULTANCY RECORDS FOR THE YEAR 2013-2014

<b>Ref No.</b>	<b>Type of Project</b>	<b>Agency</b>	<b>Dept.</b>	<b>PI's Name</b>	<b>Project Title</b>
2626	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 20 sites
2627	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Counter Checking of Design/Drawings
2628	Const.	M/s Soigne Engineering Consultants, Manimajra, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Design of Bridge
2629	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Consultancy for RCC Bridge, JLN Canal
2630	Testing	Garrison Engineer (U) Ambala Cantt	Civil	Prof. P. K. Gupta	Testing of Samples
2631	Const.	Executive Enginer, Prov. Div. PWD& B&R, Bahadurgarh	Civil	Prof. P. K. Gupta	Job Mix Formula
2632	Const.	M/s Races Engineering Services, Sec-17/C, Chandigarh	Civil	Prof Sarita Singla	Vetting of Structural Drawings
2633	Testing	M/s Mohan International Builders, Amritsar	Civil	Prof. P. K. Gupta	Testing of Cubes M-35 Grade
2634	Const.	M/s Races Engineering Services, Sec-17/C, Chandigarh	Civil	Prof Sarita Singla	Vetting of Structural Drawings

2635	Const.	M/s Nagi & Associates, S.A.S Nagar, Mohali	Civil	Prof. Roshan Lal	Vetting of Hydraulical Structure & Mechanical Drawings
2636	Const.	M/s May Steels Pvt. Ltd., Industrial Area, Mohali, Punjab	Civil	Prof Sarita Singla	Vertical Member of Different lengths
2637	Const.	UPL Environmental Engineers Ltd. (GAIL) Vadodara	Dir office	Prof. Manoj Datta	Landfil Closure at Gas Flaring Project, Gazipur, Delhi
2638	Const.	M/s Bharuch Enviro Infrastructure Ltd, Ankaleshwar, Gujarat	Dir office	Prof. Manoj Datta	Consultancy Services for the construction of secured landfil facilities
2639	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 50 sites
2640	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 50 sites
2641	Const.	Consumer Disputes Redressal Forum -II, U.T, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2642	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2643	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2644	Const.	Sub Divisional Engineer, M.C.P.H S/Div No. 11, Chandigarh	Civil	Prof. P. K. Gupta	Design of Cement Concrete Mix M-30
2645	Const.	Executive Engineer, Panchayati Raj, Jalandhar, Punjab	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2646	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs

2647	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 13 sites
2648	Testing	M/s Deepak Builders, Ludhiana, Punjab	Civil	Prof. S.K Verma	Testing of Cubes - 7 Days
2649	Testing	M/s National Tile Corp., Raipur Rani, Panchkula, HR	Civil	Prof. Roshan Lal	Testing of Pavers blocks- 50MM
2650	Testing	M/s Deepak Builders, Ludhiana, Punjab	Civil	Prof. Roshan Lal	Testing of Cone Cubes - 7 Days & 25 Days
2651	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 10 sites
2652	Const.	SDE Sub Div. No IV, PWD B&R, Sonipat	Civil	Prof. P. K. Gupta	New Sonipat Bypass ( Physical properties of soil)
2653	Const.	SDE Sub Div. No IV, PWD B&R, Sonipat	Civil	Prof. P. K. Gupta	New Sonipat Bypass ( Physical properties of soil)
2654	Const.	M/s Attwal & Associates SCO- 1064-65, Sec-22B, Chandigarh	Civil	Prof. S.K Verma	Proof checking of Structural Design
2655	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2656	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2657	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 50 sites
2658	Const.	Ext. Engineer, HUDA Division No. 2, Gurgaon	Civil	Prof. S. K. Singh	Third Party Inspection

2659	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 7 sites
2660	Const.	Resarch Officer, B&R Research Laboratory, Chandigarh	Civil	Prof. Roshan Lal	Testing of Samples
2661	Const.	M/s Continental Foundations, H.No- 1059, Sec-43/B, Chandigarh	Civil	Prof. Roshan Lal	Proof. Checking of Structural Design
2662	Const.	M/s Continental Foundations, H.No- 1059, Sec-43/B, Chandigarh	Civil	Prof. Roshan Lal	Proof. Checking of Structural Design
2663	Const.	M/s Continental Foundations, H.No- 1059, Sec-43/B, Chandigarh	Civil	Prof. Roshan Lal	Consultancy for Structural Design
2664	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2665	Const.	M/s EPC Engineering and Planning Consultants, Delhi	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2666	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2667	Const.	M/s Jaiprakash Associates Ltd., Chandigarh	Civil	Prof. Roshan Lal	Request for Physical Testing of our OPC cement
2668	Const.	SDE Roads Sub Division No. 1, M.C Chandigarh	Civil	Prof. Roshan Lal	Design Mix M-25
2669	Const.	Sh. Surbah Gupta C/o District Forum - 1, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2670	Const.	M/s Continental Foundations, H.No- 354, Sec-44/A, Chd.	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design

2671	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 25 sites
2672	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting/Proof checking of 25 sites
2673	Const.	Sh. Ramesh Bamar C/o District Forum - II, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2674	Const.	Ext. Engineer, HUDA Faridabad	Civil	Prof. P. K. Gupta	Third Party Inspection
2675	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2676	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2677	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2678	Const.	Chief Engineer, PUDA, PUDA Bhawan Building, Mohali	App. Sci	Prof. Vasundhara	Testing of Cement Mortar
2679	Const.	M/s Creative Consultant, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings
2680	Const.	M/s Creative Consultant, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings
2681	Const.	M/s Continental Foundations, H.No- 354, Sec- 44/A, Chd.	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design
2682	Const.	Ext. Engineer, HUDA Division No. 1, Hisar	Civil	Prof. S.K Verma	Construction of Gymkhana Club, Sector - 9, Jind

2683	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2684	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2685	Const.	SDE Provubcial Sub Division No. 1, PWD B&R Gohana	Civil	Prof. Umesh Sharma	Providing Widening strengthening on NH-71A
2686	Const.	M/s Creative Consultant, Sector - 67, Mohali	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings
2687	Const.	Chief Engineer, (IP), Pb. PWD B&R Branch, Chandigarh	Civil	Prof. Roshan Lal	Proof. Checking of Structural Design and Drawings
2688	Testing	Sub Divisional Engineer, Constr. Sub. Division No. 12, Chd.	Civil	Prof. Roshan Lal	Testing of Concrete Samples
2689	Const.	M/s Mega Engineering & Geotechnical Services, Ghaziabad	App. Sci	Prof. L.N Sharma	Consultancy Services for work of Petro Graphic Test
2690	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2691	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2692	Const.	M/s VAS Design & Infrastructure Consultants (P) Ltd. Delhi	Civil	Prof. R.R Singh	Proof Checking of Structural Design/Drawings
2693	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2694	Const.	M/s S.P Singla Construction Pvt Ltd., New Delhi	Civil	Prof. P. K. Gupta	Testing of Concrete Samples

2695	Testing	M/s Synergy Thrislington, Solan, Himachal Pradesh	Civil	Prof. P. K. Gupta	Sample Testing of PUF Panels
2696	Testing	SDE, M.C.P.H Sub Division No.11, Chandigarh	Civil	Prof. P. K. Gupta	Cubes Test RCC UGR Capacity, 100000 Gallons
2697	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2698	Testing	M/s National Tile Corp., Raipur Rani, Panchkula, HR	Civil	Prof. Roshan Lal	Testing of Pre Polished Tiles
2699	Testing	SDE, Sub Division No.12, Const., Chandigarh	Civil	Prof. Roshan Lal	Testing of Cubes
2700	Testing	CEO, PEC-CCE, PEC University of Technology, Chandigarh	Civil	Prof. Roshan Lal	Testing of Bricks for HUDA Works
2701	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2702	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2703	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2704	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2705	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2706	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs

2707	Const.	SDE Provincial Sub Division No. 2, PWD B&R Rewari	Civil	Prof. P. K. Gupta	Job Mix Design
2708	Const.	SDE Provincial Sub Division No. 2, PWD B&R Rewari	Civil	Prof. P. K. Gupta	Job Mix Design
2709	Const.	Dist. Consumer Redressal Forum, Mohali	Mech.	Prof. Sushant Samir	Inspection of Car
2710	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2711	Testing	M/s Hemkunt Infratech Pvt. Ltd., Gurgaon	Civil	Prof. Roshan Lal	Testing of Martial - Corse Aggregate
2712	Const.	Superintending Engineer, Improvement Trust, Jalandhar	Civil	Prof. P. K. Gupta	Design of Road Crust
2713	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2714	Const.	AARAV & Associates, Structural Engg.& Architect, Mohali	Civil	Prof. P. K. Gupta	Proof Checking of Design/Drawings
2715	Const.	M/s A.K Gupta, NAC Mani Majar, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Hospital Building
2716	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2717	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Drawings/Designs
2718	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Counter Checking of Designs/ Drawings

2719	Const.	M/s Creative Consultant, Sector - 67, Mohali	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Drawings
2720	Const.	M/s VAS Design & Infrastructure Consultants (P) Ltd. Delhi	Civil	Prof. R.R Singh	Proof Checking of Structural Design/Drawings
2721	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2722	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2723	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2724	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2725	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2726	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2727	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2728	Const.	M/s Nagi & Associates, S.A.S Nagar, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2729	Const.	SDE Road Sub Division No. 3, M.C Chandigarh	Civil	Prof. Umesh Sharma	Recarpetting of Vidya Path, Dividing Sec 2 & 11 and Sec 11 & 12
2730	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings

2731	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Reissue of certificate of already vetted Tower sites by PEC
2732	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2733	Const.	SDE Electrical Sub Division No. 6, Chandigarh	Elect.	Prof. Balwinder Singh	Power and Current determination of LED Street Luminaries
2734	Const.	M/s Aarav & Associates, Banur, Mohali, Punjab	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2735	Const.	Deputy Commissoner, M.C S.A.S Nagar Mohali	Civil	Prof. Shakti Kumar	Technical advice for connecting sewage from 1000 flats to existing sewer line
2736	Const.	Executive Engineer, HUDA Division No. 3, Faridabad	Civil	Prof. P. K. Gupta	Third Party Inspection
2737	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings for 12 sites
2738	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2739	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings for 6M high Roof Top Pole
2740	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings for 2 sites
2741	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings for 7 sites
2742	Const.	M/s Subhash Anita & Associates, Sec- 22/B, Chandigarh	Civil	Prof. P. K. Gupta	Structure Vetting/Proof checking of building

2743	Const.	M/s Continental Foundations, Sector- 43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof checking of petty structures
2744	Const.	M/s A.K Gupta, Anish /construction Paunchkula	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2745	Const.	Suresh Singla C/o Distt. Forum - II, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Car
2746	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2747	Const.	Executive Enginner, Provl. Div. No. 3, PWD B&R Br. Rohtak	Civil	Prof. P. K. Gupta	Job Mix Formula
2748	Testing	M/s S.P Singla Constution Pvt Ltd., New Delhi	Civil	Prof. P. K. Gupta	Testing of Cubes for compressive strength
2749	Testing	Sub Div. Engineer, W/S & Sanitation, Sub Div No11, Mohali	Civil	Prof. Roshan Lal	Testing of material for sewerage scheme
2750	Testing	Sub Div. Engineer, (C-3) o/o Divisional Engineer, GMADA	Civil	Prof. Roshan Lal	Testing of Pavers blocks- 60MM
2751	Const.	Rahnit Singh C/o Distt. Forum - II, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Car
2752	Testing	M/s Ajanta Coop. Hosue Building (Ist) Society Ltd. Chd.	Civil	Prof. Roshan Lal	Testing of interlocking concrete Pavers blocks
2753	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings for 1 sites
2754	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings for Fire Station at Dharuhera

2755	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2756	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2757	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2758	Const.	M/s Fortune Multitech Pvt. Ltd. Panchkula	Civil	Prof Sarita Singla	Vetting of Structural Designs /Drawings
2759	Const.	M/s Aarav & Associates, Banur, Mohali, Punjab	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2760	Const.	AEE Civil, Assistant Garrison Engg., B&R, Nahan H.P	Civil	Prof. P. K. Gupta	Design Mix M-25, M-30
2761	Const.	M/s Creative Consultant, Sector - 67, Mohali	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2762	Const.	M/s Balahi Towers, Zirakpur, Mohali, Punjab	Civil	Prof Sarita Singla	Vetting of Structural Drawings of flats
2763	Const.	Amit Thaman C/o Dist Const Dispute Redressal Forum, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Car
2764	Const.	M/s Royale Mansions, Zirakpur, Mohali	Civil	Prof Sarita Singla	Vetting of Structural Drawings of flats
2765	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings for 12 sites
2766	Const.	L&T Himachal Hydropower, Dwarka, New Delhi	App. Sci	Prof. L.N. Sharma	Consult. for Lineament Studies of the Sach-Khas & Reoli-Dugli HEP

2767	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings for Nirman Sadan at Kaithal
2768	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2769	Const.	SDE, Central Works Sub Div. No 3, PWD B&R Mohali	Civil	Prof. P. K. Gupta	Job mix formula for 30mm thick B.C Grading -2
2770	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting / Proof Checking of 25 sites
2771	Const.	M/s Creative Consultant, Sector - 67, Mohali	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2772	Const.	SDE, M.C.P.H Sub Division No.3, Chandigarh	Civil	Prof. S.K Verma	Checking of Design Mix M 30
2773	Testing	M/s Ajanta Coop. House Building (Ist) Society Ltd. Chd.	Civil	Prof. Roshan Lal	Testing of interlocking concrete Pavers blocks
2774	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2775	Const.	Ext. Engg. Ash Dykes Div. GGSSTP, Rupnagar, Punjab	Civil	Prof. S.K Singh	Raising of Ash Dykes of stage -1 using fly ash as hearting material
2776	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2777	Const.	M/s Rohan Rajdeep Highways Ltd, Pune	Civil	Prof. P. K. Gupta	Proof Checking of RCC Design/Drawings
2778	Const.	M/s S.P Singla Construction Pvt Ltd., New Delhi	Civil	Prof. P. K. Gupta	Construction of 3 lane High Level Bridge

2779	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design
2780	Const.	M/s Hydrotech Paryavaran India Pvt. Ltd., Mohali	Civil	Prof. Siby John	Vetting of Designs/Drawings of STP (0.5 MLD)
2781	Testing	M/s Wapcos Limited, Manimajra, Chandigarh	Civil	Prof. Roshan Lal	Testing of Concrete Cubes samples
2782	Const.	M/s Continental Foundations, Sector- 43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2783	Const.	M/s ASC Builders Pvt. Ltd., Bathinda, Punjab	Civil	Prof. R.R Singh	Mix Design of M-20, M-30
2784	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting / Proof Checking of 25 sites
2785	Const.	M/s Leighton Welspun Contractors Pvt. Ltd., Mumbai	Civil	Prof. Roshan Lal	Vetting of Designs/Drawings
2786	Const.	Garrison Engineer, Hissar Milt. Station, Hissar	Civil	Prof. Roshan Lal	Vetting of Structural Designs /Drawings
2787	Const.	Astt. Ext. Engg. TLSC Civil Division, PSTCL Mohali	Civil	Prof. Sarita Singla	Design Mix M-20
2788	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2789	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2790	Const.	Chd. Renewal Energy Sci & Tech., Paryavaran Bhawan, Chandigarh	Elect.	Prof. S.K Suman	Third Party Inspection

2791	Const.	M/s GMR Ambala-Chadigarh Expressways, Bangalore	Civil	Prof. P. K. Gupta	Roughness survey by fifth wheel bump integrator
2792	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2793	Const.	M/s Himachal Techno Engineer, Hamirpur, H.P	Civil	Prof. S.K Verma	Vetting of Structural Drawings
2794	Const.	M/s SDB Infrastrure Pvt. Ltd., Sector - 116, Mohali, Punjab	Civil	Prof. Roshan Lal	Checking of Structural Design/Drawings
2795	Const.	Divisional Forest Officer, Forest Department, Haryana	Civil	Prof. S.K Singh	Checking site suitability of site for Geo-Technical Consideration
2796	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2797	Const.	M/s National Engineering Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof checking of Structural Design
2798	Const.	M/s Emm TEE Constructions, Mohali, Punjab	Civil	Prof. Roshan Lal	Vetting & Approval of Foundation Design and Drawings
2799	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Design/Drawings of bridges
2800	Const.	Ext. Engg., HUDA Div. No. 1, Panchkula	Civil	Prof. P. K. Gupta	Vetting of Structural Design
2801	Const.	SDE, M.C.P.H Sub Division No.11, Chandigarh	Civil	Prof. P. K. Gupta	Cement Concrete sample testing for construction of UGR
2802	Const.	Sh. Budh Singh C/o Distt Forum - I, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle

2803	Const.	Ext. Engg., Jag. Provl. Div. No. 3, PWD B&R Br. Y. Nagar	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2804	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting / Proof Checking of 25 sites
2805	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting / Proof Checking of 25 sites
2806	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2807	Const.	M/s Vishal Parmar, VPO- Samar Gopal Pur, Rohtak	Civil	Prof. Sarita Singla	Verification of Test Report and By-Laws - Construction Work
2808	Const.	M/s Tech-Pecific Structural Consultants, Sec-79, Mohali	Civil	Prof. Roshan Lal	Proof checking of Strength fo existing Deck of High Level Bridge
2809	Const.	SDE Provincial Sub Division No. IV, PWD B&R Gurgaon	Civil	Prof. P. K. Gupta	Preparation of Job Mix Formula
2810	Const.	M/s EPC Engineering and Planning Consultants, Delhi	Civil	Prof. S.K Verma	Proof Checking of Design and Drawings
2811	Const.	M/s EPC Engineering and Planning Consultants, Delhi	Civil	Prof. S.K Verma	Proof Checking of Design and Drawings
2812	Const.	M/s EPC Engineering and Planning Consultants, Delhi	Civil	Prof. S.K Verma	Proof Checking of Design and Drawings
2813	Const.	Executive Engg., C.D, P.W.D, Roorkee	Civil	Prof. Roshan Lal	Proof Checking of Design and Drawings
2814	Const.	Xen, PWD, B&R, Sirhind, Punjab	Civil	Prof. Umesh Sharma	Widening & Up gradation of G.T Road

2815	Const.	Punjab Police Housing Corp. Ltd., Ph. VII, SAS Nagar	Civil	Prof. P. K. Gupta	Construction of Vigilance Bhawan
2816	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof checking of Structural Design
2817	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2818	Const.	M/s Tarun Mathur, Sector - 8/B, Chandigarh	Civil	Prof. Roshan Lal	Proof checking of Structural Design
2819	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Certificate of Safety & Stability
2820	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Design/Drawings of bridges
2821	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Design/Drawings
2822	Testing	Executive Officer, Panchayati Samiti, Chandigarh	Civil	Prof. Roshan Lal	Testing of Paver Blocks for Compressive Strength
2823	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Design/Drawings
2824	Const.	M/s Welspun Projects Ltd., Lower Parel, Mumbai	Elect.	Prof. Balwinder Singh	Vetting of Electrical Design of Project
2825	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Design/Drawings of bridges
2826	Const.	Executive Engg., PWD B&R, Bahadurgarh	Civil	Prof. P. K. Gupta	Job Mix Design

2827	Const.	M/s S.A Associates, SCO-1106-07, Sec-22/B, Chandigarh	Civil	Prof. P. K. Gupta	Third Party Appraisal of DPR
2828	Const.	M/s Marc Technocrats Pvt. Ltd., Bahadurgarh, Haryana	Civil	Prof. P. K. Gupta	Proof checking of Structure Design
2829	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Design/Drawings
2830	Const.	M/s Amba Sakti Ispat Ltd., Kala-Amb (H.P)	Civil	Prof. R.R Singh	Consultancy of Factory Shed (roof)
2831	Const.	Sh. Dharam Vir C/o Distt Forum - I, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2832	Const.	SDE Provincial Sub Division No. IV, PWD B&R Gurgaon	Civil	Prof. P. K. Gupta	Preparation of Job Mix Formula
2833	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Consultancy for checking of Design/Drawings of bridges
2834	Const.	M/s EPC Engineering and Planning Consultants, Delhi	Civil	Prof. S.K Verma	Proof Checking of Design and Drawings
2835	Const.	Executive Engineer, HUDA, Division, Rewari	Civil	Prof. P. K. Gupta	Third Party Inspection
2836	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Design and Drawings
2837	Testing	M/s Wapcos Limited, Manimajra, Chandigarh	Civil	Prof. Roshan Lal	Testing of Cement Concrete Cube Samples

2838	Const.	Sub Divisional Magistrate(c), U.T Chandigarh	Civil	Prof. Roshan Lal	Expert Report on Structure Stability and related issues
2839	Const.	M/s K. Soni Builders, Sector -44C, Chandigarh	Civil	Prof. Sarita Singla	Vetting of Structural Drawings of Flats
2840	Testing	M/s Wapcos Limited, Manimajra, Chandigarh	Civil	Prof. Roshan Lal	Testing of Cement Concrete Cube Samples
2841	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2842	Const.	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting / Proof Checking of 25 sites
2843	Testing	M/s Raunki Ram, Vill- Nagla Khalsa, Dist. Yamunanagar	App. Sci	Prof. Harminder Kaur	Testing of Concrete Samples
2844	Const.	Chd. Renewal Energy Sci & Tech, Paryavaran Bhawan, Chd	Elect.	Prof. S.K Suman	Third Party Inspection
2845	Const.	M/s National Engineering Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof checking of Structural Design
2846	Const.	Assistant Engineer, K. Central Sub Division, CPWD, Kurukshetra	Civil	Prof. Roshan Lal	C/o Boundary wall 800 m length & gate at NIT Kurukshetra
2847	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2848	Const.	M/s National Engineering Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof checking of Structural Design

2849	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2850	Const.	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2851	Const.	M/s Makkar Construction Co. Maya Nagar, Ludhiana	Civil	Prof. Roshan Lal	Design Mix M-20
2852	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Design and Drawings
2853	Const.	Ext. Engg. Central Work Div. PWD B&R, Patiala	Civil	Prof. P. K. Gupta	Job Mix Formula for Periodical Renewal
2854	Const.	Ext. Engg. Central Work Div. PWD B&R, Patiala	Civil	Prof. P. K. Gupta	Job Mix Formula for Periodical Renewal
2855	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Design and Drawings
2856	Const.	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Design and Drawings

## **CONSULTANCY RECORDS FOR THE YEAR 2014-2015**

<b>Ref No.</b>	<b>Type of Project</b>	<b>Agency</b>	<b>Dept.</b>	<b>PI's Name</b>	<b>Project Title</b>
2857	Consultancy	Ext. Engg. PWD B&R Patiala	Civil	Prof. P. K. Gupta	Job Mix Formula
2858	Consultancy	Ext. Engg. PWD B&R Hoshiarpur	Civil	Prof. P. K. Gupta	Job Mix Formula
2859	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third party inspection of various SPV power plants
2860	Consultancy	Dist. Consumer Redressal Forum, Panchkula	Mech.	Prof. Sushant Samir	Inspection of Golf Cart
2861	Consultancy	M/s Continental Foundations Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2862	Consultancy	M/s Continental Foundations Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2863	Consultancy	M/s Continental Foundations Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2864	Consultancy	M/s Hydrotech Paryavaran India Pvt. Ltd., Mohali	Civil	Prof. Siby John	Vetting and approval of Architectural& Structural Drawings & calculations

2865	Consultancy	M/s SA & Associates, Chandigarh	Civil	Prof. P. K. Gupta	Vetting of Structural Designs
2866	Consultancy	M/s Consulting Engineers Associates, Panchkula	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2867	Consultancy	M/s Larson & Toubro, Construction, Chennai	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design/Drawings
2868	Testing	SDE, MCPH, Sub. Division No. 9, Chandigarh	Civil	Prof. P. K. Gupta	Testing of Concrete Cubes
2869	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2870	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2871	Consultancy	Er. Gobind Khurana, Urban Estate, Jalandhar	Civil	Prof. Roshan Lal	Checking of Structural Design
2872	Consultancy	M/s Creative Consultant, Sector-67, Mohali	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2873	Consultancy	M/s Creative Consultant, Sector-67, Mohali	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings
2874	Consultancy	M/s Creative Consultant, Sector-67, Mohali	Civil	Prof. S.K Verma	Proof. Checking of Structural Design and Drawings
2875	Consultancy	Ext. Engg., C.P Div. No. 4, Chandigarh	Civil	Prof. P. K. Gupta	Vetting of Structural Design

2876	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third party inspection of various SPV power plants
2877	Consultancy	Punjab Institute of Technology, Mohali	Mech.	Prof. A. Manna	Practical Classes of PIT Mohali
2878	Consultancy	Punjab Institute of Technology, Mohali	E&EC	Prof. Jasbir Kaur	To conduct Lab VI for 4th semester students of PIT
2879	Consultancy	M/s Sheltera Consultants, New Delhi	Civil	Prof. P. K. Gupta	Vetting / Proof Checking of 25 sites
2880	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2881	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third party inspection of various SPV power plants
2882	Consultancy	General Motors India Ltd. Gurgaon c/o Dist. Forum - II, Chd	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2883	Consultancy	Punjab Institute of Technology, Mohali	Elect.	Prof. Jagdish Kumar	To conduct Lab IV for 4th semester students of PIT
2884	Consultancy	M/s Nitasha Constructions, Ind. Area, Ph.-2, Chandigarh	Civil	Prof. Roshan Lal	Design Mix - M-30
2885	Testing	M/s R.S Green Infra (India) Private Ltd., Nalagarh, H.P	Civil	Prof. Sarita Singla	Testing of blocks
2886	Consultancy	M/s Aggrawal Consulting Engg., New Delhi	Civil	Prof. Sarita Singla	Vetting of Structural Design/Drawings

2887	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2888	Testing	SDO, Water Resources Inv. S/D No. 3, Sector-17/C, Chd.	Civil	Prof. Roshan Lal	Testing of RCC Cubes
2889	Consultancy	SDE, Electrical Sub. Division No. 11, Chandigarh	Elect.	Prof. Balwinder Singh	Inspection of Street Lighting work
2890	Testing	Director, Khadi and Village Industries Commission GOI, Chd	App. Sci	Prof. Harminder Kaur	Testing of samples for repair work of Staff Quarters
2891	Consultancy	RITES Limited, SCOPE Minar, Laxmi Nagar, Delhi	Civil	Prof. P. K. Gupta	Mix Design M- 25 & M-30
2892	Consultancy	SDE Provincial Sub Div. No. III, PWD B&R Br, Gharaunda	Civil	Prof. P. K. Gupta	Design of CC Payment of Wdg. & Stg.
2893	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2894	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2895	Consultancy	RITES Limited, SCOPE Minar, Laxmi Nagar, Delhi	Civil	Prof. Roshan Lal	Mix Design M- 25 & M-30
2896	Consultancy	Ext. Engg. HUDA Division No. 5, Gurgaon HR	Civil	Prof. P. K. Gupta	Third party inspection
2897	Consultancy	M/s Sheltera Consultants, New Delhi	Civil	Prof. R.R Singh	Vetting / Proof Checking of 25 sites

2898	Consultancy	Haryana State Roads & Bridges Development Corp. Ltd. Jhajjar	Civil	Prof. P. K. Gupta	Proof Checking of Bridge Design
2899	Consultancy	Ext. Engg. Central Works Div. PWD B&R Branch, Patiala	Civil	Prof. P. K. Gupta	Job Mix Formula for road works
2900	Consultancy	Ext. Engg. Central Works Div. PWD B&R Branch, Patiala	Civil	Prof. P. K. Gupta	Job Mix Formula for road works
2901	Consultancy	Ext. Engg. Provincial Div. No. 2, PWD B&R Br, Ambala Cantt.	Civil	Prof. Umesh Sharma	Design of Cement Concrete Payment
2902	Consultancy	SDE Road Sub Div. No. 2, MC, Chandigarh	Civil	Prof. Umesh Sharma	Carrying out design of strengthening of land between Sec 39/40
2903	Consultancy	M/s Sarvodaya Construction Co. Kamla Nagar, Rewari, HR	Civil	Prof. Umesh Sharma	Job Mix Formula for road works
2904	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2905	Cancelled	Cancelled	Cancelled	Cancelled	Cancelled
2906	Consultancy	Ext. Engg. HUDA Division No. 3, Faridabad HR	Civil	Prof. P. K. Gupta	Construction of Master Roads, Faridabad
2907	Consultancy	Ext. Engg. C.P Divn. No. 4, Chandigarh	Civil	Prof. S.K Verma	Post Work Audit of the Project
2908	Consultancy	M/s Sheltera Consultants, New Delhi	Civil	Prof. P. K. Gupta	Vetting / Proof Checking of 25 sites

2909	Consultancy	Executive Engineer II, Chandigarh Housing Board, Chd.	Civil	Prof. Umesh Sharma	Vetting of Design for Construction of Internal V-6 & V-5 Roads in Sec 63
2910	Consultancy	M/s Sudhir Power Projects Ltd. Nehru Place, New Delhi	Civil	Prof. S.K Verma	Vetting/Checking of Building Drawings
2911	Consultancy	Airports Authority of India, Chandigarh Airport, Chandigarh	Civil	Prof. S.K Singh	Structural Vetting of Highmast Foundation Design
2912	Consultancy	SDE Provincial Div. No. IV, (NH) PWD B&R Br, Ambala	Civil	Prof. S.K Singh	Bed Protection Work of Bridge between Naraingarh and Kala Amb
2913	Consultancy	M/s EPC Engineering and Planning Consultant, N. Delhi	Civil	Prof. S.K Verma	Proof Checking of Design & Drawings of Span Truss Bridges
2914	Consultancy	GMADA, PUDA Bhawan, Sector- 62, SAS Nagar, Punjab	Civil	Prof. Umesh Sharma	Technical Investigation for Widening & Strengthening of Road
2915	Consultancy	Haryana State Roads & Bridges Development Corp. Ltd. Gurgaon	Civil	Prof. P. K. Gupta	Proof Checking of Bridge Design
2916	Consultancy	Haryana State Roads & Bridges Development Corp. Ltd. Jhajjar	Civil	Prof. P. K. Gupta	Proof Checking of Bridge Design
2917	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2918	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2919	Consultancy	Ext. Engg. Construction. Division. Hr. PWD B&R Br. Chandigarh	Civil	Prof. P. K. Gupta	Design for protection of bridge

2920	Consultancy	M/s Continental Foundations, 1059, Sec-43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2921	Consultancy	M/s Continental Foundations, 1059, Sec-43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2922	Consultancy	M/s Continental Foundations, 1059, Sec-43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2923	Consultancy	M/s Continental Foundations, 1059, Sec-43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2924	Consultancy	M/s Sheltera Consultants, New Delhi	Civil	Prof. P. K. Gupta	Vetting / Proof Checking of 25 sites
2925	Consultancy	M/s Continental Foundations, 1059, Sec-43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2926	Consultancy	M/s Tarun Mathur, # 764, Sector - 8/B, Chandigarh	Civil	Prof. S.K Verma	Proof Checking of Structural Design
2927	Consultancy	SBI Regional Business office, Panchkula, Haryana	Civil	Prof. S.K Verma	Proof Checking of Structural Design
2928	Consultancy	M/s Welspun Projects Ltd. Alkapuri, Baroda, Gujarat	Elect.	Prof. Balwinder Singh	Vetting of Electrical Design
2929	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2930	Consultancy	Ext. Engg. Delhi Development Authority, Vikas Minar, Delhi	Civil	Prof. P. K. Gupta	Examination of Transit Camp

2931	Consultancy	Ext. Engg. (CMU) State Road Project, HPRIDC, Shimla	Civil	Prof. Umesh Sharma	Investigation of Cracks Developed in newly upgraded road
2932	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2933	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third Party Inspection of SPV Plant at Sector - 16, Chandigarh
2934	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third Party Inspection of various SPV Plants in Chandigarh
2935	Testing	Govt. of India, Central Vigilance Commission, N. Delhi	Civil	Prof. R.R Singh	Testing of Samples
2936	Consultancy	Executive Engineer, Bhakra Main Line Division, Patiala	Civil	Prof. P. K. Gupta	Weir across river Ghaggar, Near Chhatbir, Punjab
2937	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof. Checking of Structural Design and Drawings
2938	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third Party Inspection of SPV Plants at Punjab Raj Bhawan, Chandigarh
2939	Consultancy	M/s Nagi & Associates, 1085, Sec- 71, Mohali, Punjab	Civil	Prof. Roshan Lal	Vetting of Structural Design
2940	Consultancy	Divisional Engineer (C-1) & Project GMADA S A S Nagar	Civil	Prof. Roshan Lal	Proof Checking of Structural Design/Drawings of Bridge
2941	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings

2942	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2943	Consultancy	M/s Chopra Consulting Engineers, Sec-21/B, Chandigarh	Civil	Prof. Roshan Lal	Checking of Structural Design/Drawings
2944	Consultancy	Ext. Engg. (P), H.S.A.M. Board, Apple Market, Sec-20, PKL	Civil	Prof. Roshan Lal	Vetting of Structural Glazing Design
2945	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2946	Consultancy	Govt. of India, Central Vigilance Commission, N. Delhi	Metta.	Prof. R.K. Mahajan	Mass of Zinc Coating m25mm GI Pipe
2947	Consultancy	SDE, Electrical Sub. Division No. 10, Chandigarh	Elect.	Prof. Balwinder Singh	Inspection of Street Lighting work
2948	Testing	Punjab Water Supply and Sewerage Board, Amritsar, Pb.	App.Sci	Prof. Harminder Kaur	Testing of Cement Concrete and Cement Sand Mortar Samples
2949	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2950	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2951	Consultancy	Ext. Engg. C.P Division. No. 4, Chandigarh	Civil	Prof. S.K Verma	Post Work Audit of the Project
2952	Consultancy	M/s Lectrix Motors Limited	Metta.	Prof. J.D Sharma	Corrosion Behavior Analysis of Samples

2953	Consultancy	Dist. Consumer Disputes Redressal Forum - 1, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2954	Consultancy	M/s Nagi & Associates, 1085, Sec- 71, Mohali, Punjab	Civil	Prof. Roshan Lal	Vetting of Hydraulic, Structure and Gates Design
2955	Consultancy	SDE, Electrical Sub. Division No. 11, Chandigarh	Elect.	Prof. Balwinder Singh	Inspection of Street Lighting work
2956	Consultancy	OSD, Vigilance Cell, Sector - 9, Chandigarh	Civil	Prof. R.R Singh	Consultancy/Testing, Vetting
2957	Consultancy	OSD, Vigilance Cell, Sector - 9, Chandigarh	Civil	Prof. R.R Singh	Consultancy/Testing, Vetting
2958	Consultancy	M/s Shiv Shakti Fibre Udyog, Faridabad & Rohtak	Civil	Prof. Sarita Singla	Vetting of Structural Design/Drawings
2959	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2960	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2961	Consultancy	Ext. Engg. HUDA, Div. No. 3, SCO-25, Sec-12, Faridabad	Civil	Prof. P. K. Gupta	Construction of Master Roads, Faridabad
2962	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2963	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings

2964	Consultancy	S A & Associates, SCO 1106-07, Sec-22/B, Chandigarh	Civil	Prof. P. K. Gupta	Vetting of Structures
2965	Consultancy	M/s Continental Foundations, 1059, Sec-43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2966	Consultancy	M/s C&C Constructions Ltd. Phase - VI, Mohali	Civil	Prof. Tripta Goyal	Crust Design of Flexible Pavement
2967	Consultancy	Surendera Dental College & Research Institute, Ganganagar	Prod.	Prof. N.M Suri	Analysis & Measurement of Surface Roughness
2968	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third Party Inspection of various SPV Plants in Chandigarh
2969	Consultancy	M/s Creative Consultant, Sector-67, Mohali	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2970	Consultancy	Ext. Engg. (D) B&R, Municipal Corporation, Ludhiana	Civil	Prof. P. K. Gupta	Checking of Bitumen Contents
2971	Consultancy	M/s MCEPL, IGI Toll Plaza Building, Mahipalpur, N. Delhi	Civil	Prof. P. K. Gupta	Job Mix Formula
2972	Consultancy	State Bank of India, Local Head Office, Sec-17, Chandigarh	Civil	Prof. Sarita Singla	Request for RCC Mix Design M-25, M-30
2973	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2974	Consultancy	Dist. Consumer Disputes Redressal Forum - 1, Chandigarh	Mech.	Prof. Sushant Samir	Inspection of Washing Machine

2975	Consultancy	Anand Sales (India), Plot No 345, Focal Point, Ph-IX, Mohali	Civil	Prof. Roshan Lal	Approval of Drawings/Design of Structure & Foundation Gantry
2976	Consultancy	Ext. Engg. C.P Divn. No. 5, Chandigarh	Civil	Prof. Roshan Lal	Vetting of Structural Design
2977	Testing	M/s Ansal Lotus, Jantar Mantar Road, New Delhi	Mech.	Prof. D.R Prajapati	Testing of TMT Bars (14 pieces)
2978	Consultancy	IMTECH, Sector - 39- A, Chandigarh , U.T	Metta.	Prof. R.K. Mahajan	Experts availing
2979	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2980	Consultancy	Dist. Consumer Disputes Redressal Forum - 1I, U.T Chd.	Mech.	Prof. Sushant Samir	Inspection of Vehicle
2981	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2982	Consultancy	M/s Arya Structural Sollutions, Subhash Nagar, New Delhi	Civil	Prof. S.K Verma	Vetting of Structural Drawings
2983	Consultancy	M/s National Engineering Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof Checking of Structural Designs
2984	Consultancy	M/s National Engineering Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof Checking of Structural Designs
2985	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings

2986	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Structural Design/Drawings
2987	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2988	Testing	Executive Engineer (B&R) Quality Control, M.C Ludhiana	Civil	Prof. P. K. Gupta	Testing of Samples
2989	Consultancy	Tarun Mathur Structural Consultant, # 764, Sec-8/B, Chd.	Civil	Prof. S.K Verma	Proof Checking of Structural Designs
2990	Consultancy	M/s Creative Consultant, Sector-67, Mohali	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
2991	Consultancy	M/s Atcon Engineers, SCF 53, Phase-1, Baltana, Punjab	Civil	Prof. S.K Sharma	Vetting of Design
2992	Consultancy	M/s Continental Foundations, 1059, Sec-43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
2993	Consultancy	M/s Kulbir Singh Contractor, Chandigarh	Civil	Prof. P. K. Gupta	Mix Design M-30
2994	Consultancy	Chandigarh Housing Board, Sec- 9, Chandigarh	Civil	Prof. Roshan Lal	Design of Concrete Mix
2995	Consultancy	Chandigarh Housing Board, Sec- 9, Chandigarh	Civil	Prof. Roshan Lal	Design of Concrete
2996	Consultancy	M/s Sheltera Consultants Pvt. Ltd., New Delhi	Civil	Prof. R.R Singh	Proof Checking of sites

2997	Consultancy	Executive Engineer, Ash Dykes, Mtc. Div, GGSSTP, Ropar	Civil	Prof. S.K Singh	Consultancy for 4th raising of ash dykes of stage-I using fly ash
2998	Consultancy	M/s Creative Consultant, Sector-67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
2999	Consultancy	M/s Creative Consultant, Sector-67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
3000	Consultancy	Assistant Trust Engineer, City Improvement Trust, Sangrur	Civil	Prof. Sarita Singla	Construction of footpath in Captain Karam Singh Nagar Scheme
3001	Consultancy	M/s Creative Consultant, Sector-67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
3002	Consultancy	M/s EPC Engineering and Planning Consultant, N. Delhi	Civil	Prof. S.K Verma	Proof Checking of Design and Drawings of bridges
3003	Consultancy	HSIIDC Ltd. Industrial Estate, Manakpur, Yamuna Nagar	Civil	Prof. Tripta Goyal	Preparation of Design Mix Macadam material
3004	Consultancy	M/s ITD Cementation India Ltd., Salt Lake City, Kolkata	Civil	Prof. P. K. Gupta	Mix Design M-10,15,25,30
3005	Consultancy	Executive Engineer - III, Chandigarh Housing Board, Chd.	Civil	Prof. S.K Verma	Concrete- Grade M -20
3006	Consultancy	M/s Lectrix Motors Limited	Metta.	Prof. J.D Sharma	Corrosion Behavior Analysis of samples
3007	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third party inspection of 365 k WP SPV power plants

3008	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third party inspection of 620 k WP SPV power plants
3009	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third party inspection of 7x2 k WP SPV power plants
3010	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third party inspection of 70 k WP SPV power plants
3011	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third party inspection of 120 k WP SPV power plants
3012	Consultancy	CREST, Chandigarh Administration (PEC-CCE)	Elect.	Prof. S.K Suman	Third party inspection of 265 k WP SPV power plants
3013	Consultancy	OSD, Vigilance Cell, Sector - 9, Chandigarh	Civil	Prof. R.R Singh	Consultancy/Testing of Samples
3014	Consultancy	OSD, Vigilance Cell, Sector - 9, Chandigarh	Civil	Prof. R.R Singh	Consultancy/Testing of Samples
3015	Consultancy	M/s Continental Foundation, 1059, Sec - 43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
3016	Consultancy	M/s Abiheet Singh Brar C/o Himachal Dental College,	Metta.	Prof. Uma Batra	Corrosion Behavior Tooth Material
3017	Consultancy	M/s Pooja Rani C/o Distt. Consumer Forum, Panchkula	Mech.	Prof. Sushant Samir	Inspection of Vehicle
3018	Consultancy	M/s Abiheet Singh Brar C/o Himachal Dental College,	Metta.	Prof. Uma Batra	Corrosion Behavior Tooth Material

3019	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Vetting of Design
3020	Testing	SDE M.C.P.H Sub Division No. 12, Chandigarh	Civil	Prof. P. K. Gupta	Testing of Cubes
3021	Consultancy	Executive Engineer, C.P Division No. 1, Chandigarh	Civil	Prof. Umesh Sharma	Construction of second Grain Food and Vegetable Market, Sec- 39
3022	Consultancy	SDE M.C.P.H Sub Division No. 12, Chandigarh	Civil	Prof. P. K. Gupta	Mix Design M-30
3023	Consultancy	Welspun Projects Ltd., Vill- Versamedi, Taluka Anjar, Gujarat	Elect.	Prof. Balwinder Singh	Vetting of SCADA Scheme
3024	Testing	Assistant Trust Engineer, City Improvement Trust, Sangrur	Civil	Prof. Roshan Lal	Testing of Tiles, Channels and Curbs
3025	Consultancy	SDE M.C.P.H Sub Division No. 9, Chandigarh	Civil	Prof. P. K. Gupta	Mix Design M-30
3026	Consultancy	Creative Consultants, 2402, Top Floor, Sec-67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
3027	Consultancy	Creative Consultants, 2402, Top Floor, Sec-67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
3028	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
3029	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Proof Checking of Structural Design and Drawings

3030	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Proof Checking of Structural Design and Drawings
3031	Consultancy	State Bank of India, Local Head Office, Sec-17, Chandigarh	Civil	Prof. Sarita Singla	RCC Mix Design M-50
3032	Consultancy	Creative Consultants, 2402, Top Floor, Sec-67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Drawings of water tank
3033	Consultancy	Architect Yetinder Mathur, 764, Sec-8-B, Chandigarh	Civil	Prof. S.K Verma	Proof Checking of Structural Design and Drawings
3034	Consultancy	Dist. Consumer Disputes Redressal Forum - 1I, U.T Chd.	Mech.	Prof. Sushant Samir	Inspection of Vehicle
3035	Consultancy	Haryan State Agriculture Marketing Board	Civil	Prof. Siby John	Conducting Test for HSAMB
3036	Consultancy	Gawar Consturction Limited, Sec-48, Gurgaon, Haryana	Civil	Prof. P. K. Gupta	Construction of Fly Over in Dera Bassi
3037	Consultancy	Gawar Consturction Limited, Sec-48, Gurgaon, Haryana	Civil	Prof. P. K. Gupta	Construction of Fly Over in Dera Bassi
3038	Consultancy	ABL Structure Consultant Pvt. Ltd. Pitam Pura, Delhi	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
3039	Testing	SDE P.H Sub Division No. IV, C.H.B Chandigarh	Civil	Prof. P. K. Gupta	Testing of Material
3040	Consultancy	Executive Engineer, Central Sub. Div, Ferozpur, Punjab	Civil	Prof. P. K. Gupta	Mix Design M.20, M.10

3041		Cancelled			
3042	Consultancy	M/s Continental Foundation, 1059, Sec - 43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
3043	Consultancy	Assistant Exet. Eng., Transmission Lines, Sub Div. PSPCL, Mohali	Civil	Prof. Roshan Lal	Preparation of Cement Mix Design M-20
3044	Consultancy	Dharmendra Singh Thakur, Govt. Contractor, Nalagarh, HP	Civil	Prof. Roshan Lal	Checking of Structural Design of Food and Drug Testing Lab
3045	Consultancy	Ext. Engg. Housing Board Haryana, Panchkula, Haryana	Civil	Prof. P. K. Gupta	Design of Mix Cement M-25
3046	Testing	SDE M.C.P.H Sub Div. No. 12, Chandigarh	Civil	Prof. P. K. Gupta	Testing of Cubes
3047	Consultancy	Ext. Engg. Housing Board Haryana, Panchkula, Haryana	Civil	Prof. P. K. Gupta	Design of Mix Cement M-25
3048	Consultancy	Ext. Engg. Construction Div. No.2, PWD B&R, Amritsar	Civil	Prof. Roshan Lal	Proof Checking of Structural Design and Drawings
3049	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Proof Checking of Structural Design and Drawings
3050	Testing	SDE PH Sub Div. No. IV, CHB, Chandigarh	Civil	Prof. P. K. Gupta	Testing of Material for Sewer Lines
3051	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings

3052	Consultancy	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Ambala	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
3053	Consultancy	National Engg. Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof Checking of Structural Design
3054	Consultancy	National Engg. Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof Checking of Structural Design
3055	Consultancy	Assistant Engg. H.P.S.I.D.C Limited, Baddi, Solan HP	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
3056	Consultancy	Executive Engg., HUDA, Division No. 3, Faridabad	Civil	Prof. P. K. Gupta	Third Party Inspection
3057	Consultancy	SDE Sub Div. No-11, CHB, Chandigarh	Civil	Prof. P. K. Gupta	Testing of Materials for construction of 1216 flats at Maloya, Chd.
3058	Testing	HSIIDC Ltd. Industrial Estate, Manakpur, Yamuna Nagar	Civil	Prof. Tripta Goyal	Testing of samples of Wet Mix Macadam (WMM) Material
3059	Consultancy	AARAV & Associates H.No - 101 Ward No-7, Banur, Mohali	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design and Drawings
3060	Consultancy	Sundlas Builders Pvt. Ltd., Baddi, Himachal Pardesh	Civil	Prof. S.K Singh	Consultancy Work for Construction of Container Yard at Baddi
3061	Consultancy	Creative Consultants, 2402, Top Floor, Sec-67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Drawings of water tank
3062	Consultancy	RITES Limited, CIAB Site Office, NABI Campus, Mohali	Civil	Prof. P. K. Gupta	Mix Design M.25, M.30

3063	Consultancy	National Engg. Projects Consultants, Chandigarh	Civil	Prof. Roshan Lal	Proof Checking of Structural Design
3064	Consultancy	MES, Garrison Engineer, Jutogh, Shimla	Civil	Prof. P. K. Gupta	Structural Evaluation & Recommendation
3065	Consultancy	Creative Consultants, 2402, Top Floor, Sec-67, Mohali	Civil	Prof. S.K Verma	Proof Checking of Drawings of water tank
3066	Consultancy	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, Mohali	Civil	Prof. Roshan Lal	Proof Checking of Structural Design and Drawings
3067	Consultancy	Riverdale, SCO-2, Chandigarh-Patiala Raod, Zirakpur, Pb.	Civil	Prof. S.K Verma	Vetting of Structural Design/Drawings
3068	Consultancy	V.A.S Design & Infrastructure Consultants, Delhi	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
3069	Consultancy	Dist. Consumer Disputes Redressal Forum - Ropar	Mech.	Prof. Sushant Samir	Inspection of Vehicle
3070	Consultancy	Principal, Ami Chand Monga Memorial College of Law, Ambala	Civil	Prof. Roshan Lal	Issue of Stability Certificate for College Building
3071	Testing	SDE PH Sub Div. No. I, CHB, Chandigarh	Civil	Prof. P. K. Gupta	Testing of samples for construction of 1536 small flats
3072	Consultancy	Continental Foundations, 1059, Sec-43/B, Chandigarh	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design

3073	Consultancy	EARL TECHNO, Consultants Pvt. Ltd., Dera Bassi, Punjab	Civil	Prof. P. K. Gupta	Proof Checking of Structural Design
3074	Testing	SDE P.H Sub Division No. II, C.H.B Chandigarh	Civil	Prof. P. K. Gupta	Testing of samples for construction of 1216 small flats
3075	Consultancy	Design Solutions Inc.	Civil	Prof. S.K Verma	Vetting of Structure Design of Chamber Size
3076	Consultancy	Him Cableways, 57, Ind. Area, Ph-2, Chandigarh	Civil	Prof. S.K Mangal	Vetting of Design of Aerial Cableways
3077	Testing	Lovely Professional University, Jalandhar, Punjab	Prod.	Prof. N.M Suri	Sample Flow Casting & Welding

**EXTENSION LECTURES DELIVERED (2010)**

Sanjeev Sofat	Delivered an invited talk on “Information & Cyber Security” in National Seminar on Contemporary Computing held on Feb. 25th 2010, at DAV College, Yamunanagar.
Divya Bansal	Delivered an invited session on the “Case Study of Deployment of the testbed using Wireless Mesh Network” during the workshop on “Rapidly deployable Wireless Mesh Networks” on April 06, 2010 at Airtel IIT Delhi Centre of Excellence.
Divya Bansal	Delivered expert lecture on “wifi Security” at NITTTR, sector 26 in April 2010.
Dr Tripta Goyal	Expert lecture on the topic “Status and Challenges of Traffic Management in Chandigarh” in the seminar on “Road Safety” organized by Indian Media Centre, Chandigarh Chapter at Chandigarh Press Club, held on April 10, 2010.
Narendra Mohan	Developments in Welding, Chandigarh Group of Colleges, 18th April 2010, Ghurma Mohali.
Divya Bansal	Delivered expert lecture on “Network Perimeter Security” at NITTTR, sector 26 in May 2010.

## **EXTENSION LECTURES DELIVERED (2011)**

Praveen Kalra	Modelling of Robotic Manipulators, NITTR Chandigarh, Jan. 20, 2011.
Vasundhara Singh	Delivered an invited lecture at the 5th Chandigarh Science Congress (CHASCON, 2011) organised by Panjab University, Chandigarh titled "Sustainable Chemistry" on 27th Feb, 2011.
Sanjeev Sofat	Session on "Secure Framework for Wireless Mesh Networks", NUS, Singapore, March 24, 2011.
Jagtar Singh Gill	'Quality Physical Educator for quality physical education', UGC refresher course in physical education, conducted by ASC and Dept of Physical Education, Panjab University, Chandigarh, 5th March, 2011.
Divya Bansal	Plenary Session 2, "Role of the R & D Centers in India towards Cyber Security", Bangalore Cyber Security Summit, March 17-18, 2011.
Sanjeev Sofat	Session on Need for Introducing Cyber Security and cyber law courses in Academia, Bangalore Cyber Security Summit, March 17-18, 2011.
Vasundhara Singh	Delivered an invited lecture on "Green Technologies for environmental Sustainability" at Chitkara University, Rajpura at the one day conference on Green Chemistry: Principles to Practice held on 18th March, 2011.
Jagtar Singh Gill	'Statistical methods in Physical Education' SKR College of Physical Education, Bhagoomajra, Kharar 19th March, 2011.
Divya Bansal	Tutorial on "Security Issues in Wireless Mesh Networks" IEEE Symposium on Computer and Informatics (ISCI 2011), Malaysia. March 20, 2011.
Divya Bansal	Session on "Secure Framework for Wireless Mesh Networks", NUS, Singapore, March 24, 2011.
Jagtar Singh Gill	'Statistical Scales and its Application in Physical Education and Sports,' SKR College of Physical Education, Bhagoomajra, Kharar 26th March, 2011.
Sanjeev Sofat	Session on Landscaping Wireless security Today & Tomorrow, International Conference on Advances in Computing and Communication – 2011 (ICACC-11), April 08 – 10, 2011.
Divya Bansal	Session on "Wireless Technologies Development Trends", during the Indo-Australian workshop by IIT Chennai & Queensland University of Technology, in Chennai on April 13, 2011.

Rajesh Kumar	'Guest of Honour' and 'Invited Lecture' in 'Aerobaics-11' at UPES, Dehradun during April 26-May 02, 2011.
Vasundhara Singh	Delivered a short lecture on "Green Chemical Technology: Novel Catalytic System" on 11th May 2011, Technology Day which was celebrated in PEC University of Technology with the launch of In house Lecture Series.
Praveen Kalra	Modelling of Robotic Manipulators, NITTR Chandigarh, May 25, 2011.
L N Sharma	Two Weeks AICTE Sponsored Faculty Development Programme On Geoinformatics: Technology And Application, June 2011, Civil Engineering Department D.B.C.R- University of Science Technology, Murthal, Haryana.
Sucheta	Delivered an invited talk on "Applications of Algebra" for the EDUSAT Program of Higher Education Department of Haryana State, which was telecast live on HARYANA EDUSAT Channel on Sept. 10, 2010.
Sucheta	Delivered an invited talk as resource person on "Role of Mathematics in Computer Graphics" in the National Seminar on "Role of Mathematics in Scientific Computing" sponsored by the Department of Higher Education, Haryana at Government College Panchkula on Sept. 20, 2010.
P. Thareja	Quality Control in Welding: MHRD/ AICTE FDP Welding Technology for Excellence, NIT Jalandhar (31 Dec).
R S Walia	Design of Experiment, PTU sponsored course on Machine Design at BBSEC Fategarh Sahib, 12th to 16th July 2010.
R S Walia	Design of Riveted Joint, PTU sponsored course on Machine Design at BBSEC Fategarh Sahib, 12th to 16th July 2010.
R S Walia	Optimization Techniques, PTU sponsored course Research Methodologies at SUS College of Engineering & Technology, Tangori, 2nd to 4th August 2010.
R S Walia	Parametric Design using Taguchi Method, Keynote Speaker and Session Chair at National Conference on Recent Trends in Mechanical and Automobile Engineering, 20th and 21st August, 2010 at LCET Katani Kalan, Ludhiana.
Narendra Mohan	Advancements in Welding at National Conference on Recent Trends in Mechanical and Automobile Engineering, 20th and 21st August, 2010 at Kalan, Ludhiana.

P. Thareja	BBMB (Integrated Management System) 1.Requisites for integrated management System, Bhakra Beas Management (Power) Board. Chandigarh, Sept 2010.
Divya Bansal	Session on "Security Issues in Wireless Networks", Infosys, Chandigarh IT Park, September 24, 2010.
P. Thareja	faculty Development programs; Design of Experiments, CSIR HRD Trg Course, Ghaziabad. Oct 2010.
P. Thareja	Chaired Session + Chief Guest: National seminar on Energy conservation on Reheating Furnaces: NISST, Mandigobindgarh, 10th Nov 2010.
Praveen Kalra	National: Robotics, NITTR Chandigarh, Nov. 23, 2010.
P. Thareja	Invited talk: Agra q2Q - How not to spoil the Product Realisation, The Institute of Indian Foundryman, Agra, 7 Dec 2010.
Thareja Priyavrat	Key Note Lecture Energy issues: Conserve or get Condemned, South Asian Forum of Energy Efficiency, 20th Dec, 2010, Faridabad.

## **EXTENSION LECTURES DELIVERED (2012)**

- Jagtar Singh Gill Pursuing research in physical education, Govind National College, Narangwal, Ludhiana, 21.01.2012.
- Jagtar Singh Gill Research procedures in Physical Education, Degree College of Physical Education, Amravati (MS), 20.02.2012.
- Uma Batra Biomaterial: Their interaction with hard tissue, an invited talk during Internation Conference on Nano Sci Tech' 2012 at Panjab University, Chandigarh held on 16th Feb. 2012.
- Ajay Mittal Recent innovations in the area of Digital Image Processing, 3rd National Conference on Recent innovations in Engineering and Technology, Global Galaxy group of Institutes, Shahbad on 24th Feb – 5th March'2012.
- Jagtar Singh Gill Applications of statistics in Physical Education and Sports,' SKR College of Physical Education, Bhagoomajra, Kharar, 14.04.2012.
- L N Sharma Trainee officers newly inducted, Geological Survey of India, Sector-33B, Chandigarh expert Lecture titled Geotechnical Properties of Rocks was delivered on 27.04.2012.
- Ajay Mittal Detection of edges in low contrast and color images , FDP on digital signal processing held at Chandigarh Group of Colleges, Gharuan, Mohali on 22nd May'2012 , Chandigarh Group of Colleges, Gharuan, Mohali.
- Jagtar Singh Gill Doctoral research- methods and hurdles, Dept. of Physical Education, Panjab University, Chandigarh 26.05.2012.
- Sucheta Delivered an invited talk on 'Fractal Geometry' as a part of one day program 'Continuum 2012' organized to celebrate the National Mathematical Year on May 29th, 2012 at Rayat and Bahra College of Engineering and Technology for Women, Sahauran ( Kharar).
- Sucheta Delivered the keynote address titled 'Mathematics, Computer Graphics and an interesting Application' at the International Conference on Electrical Engineering and Computer Science (ICEECS) held in Chandigarh on June 9th, 2012.
- Ajay Mittal Detection of edges in low contrast and color images , FDP on digital Image Processing at CEC, Landran on 14th June 2012, Chandigarh Engineering College, Landran, sponsored by PTU.

Sucheta	Delivered an invited talk on 'Applications of Mathematics in Engineering' at PTU sponsored Faculty Development program on "Roadmap to Sustaining Academic Excellence in Engineering and Management Education' on June 26th, 2012 at Rayat Institute of of Engineering and Information Technology, Railmajra (Ropar).
Uma Batra	"Great Science vs. Viable Technology", Invited Talk during the Inspire Scheme of DST at Shoolini University Solan on 29th August 2011.
Sucheta	Delivered an invited talk on 'Fractals and Graphic Designs' at the Department of Mathematics, Post Graduate Govt. College for Girls, Sector 42, Chandigarh, on Sept. 10, 2011.
Uma Batra	"Smart Material", Invited Talk during the Inspire Scheme of DST at Shoolini University Solan on 28th September 2011.
Uma Batra	Nanoscale Bioceramic for Bone-Tissue Engineering, In house lecture series-2 delivered on Engineer day'2011 at Pec University of Technology.
Dr. Tarlochan Kaur	Lecture delivered by Prof. P.B Mahapatra, Prof. D. K. Aggarwal, Dr. Rajneesh Tyagi, Prof. B.S Pabla, Sh. Gurvin singh, Prof. Sandeep Grover, Prof. A. N. Sinha, Prof. Ramesh K. Garg, Prof. L. D Garg on "Recent Developments in Mechanical Engineering" on 11th-22nd Jun, 2012.

## **EXTENSION LECTURES DELIVERED (2013)**

Dr. Parveen Kalra	"Modeling of Robot Kinematics", Modeling and Simulation using MATLAB', NITTTR, Chandigarh, January 16, 2013.
Dr Jagtar Singh Gill	Research Methodology in PE', Ph.D. course work in physical education, conducted by Dept of Physical Education, Panjab University, Chandigarh, 9th February, 2013.
Dr Jagtar Singh Gill	'UNESCO Charter of PE', Ph.D. course work in physical education, conducted by Dept of Physical Education, Panjab University, Chandigarh, 23rd February, 2013.
Dr Jagtar Singh Gill	'Evaluation and Measurement Technology in Physical Education, Ph.D. course work in physical education, conducted by Dept of Physical Education, Panjab University, Chandigarh, 2nd March, 2013.
Dr. Jagdish Kumar	Expert Lectures in "STC on Power Electronics, Drives and MATLAB Applications (PEDMA-2013), RTU Kota (Raj.), March 18-22, 2013.
Sucheta	Delivered an invited talk on Remembering Ramanujan – The Genius at Govt. College Panchkula on March 29, 2013.
Dr Neena Gupta	Lecturers Delivered in Continuing Education Programme Delivered a ICT based lecture (live telecast) on Wifi And WiMax Technologies at NITTR Chandigarh for various technical institutions of different states.
Dr Jagtar Singh Gill	'Physical Education Advocacy of Mao Tse Tung, Ph.D. course work in physical education, conducted by Dept of Physical Education, Panjab University, Chandigarh, 13rd April, 2013.
Rahul O Vaishya	"Non Conventional Machining" PEC u of T CHD. sttp on "estimation of aerodynamic derivative from flight data & dynamic wind tunnel testing", april 16,2013.
Dr Rakesh Kumar	Extension/expert lectures delivered in 3rd and 4th TAAI Lecture Series on 'Estimation of Aerodynamic derivatives from flight data & dynamic wind tunnel testing' held during April (15-19), 2013 at PEC University of Technology, Chandigarh.
Dr Tripa Goyal	Half day internal workshop for M.E. (Transportation Engg.) for curriculum revision on 9th of April 2013.
Dr Tripta Goyal	One day workshop for curriculum revision of M.E. (Transportation Engg.) held on 17/04/2013 in Civil Engineering department.

Dr Tripta Goyal	One day internal workshop for curriculum revision of M.E. (Transportation Engg) held on 29/04/2013 in Committee room of CED.
Dr Umesh Sharma	Keynote speaker in Career Counselling Session of Transport Infrastructure Congress and Expo 2013(TICE-2013) - Joint Endeavor of Ministry of Road Transport and Highways and MNIT, Jaipur.
Dr S K Singh	"Preparation of Sponsored project proposals for DST, New Delhi: Tutorial exercise" in Workshop on Methodology for submitting proposals for sponsored research projects, 1st and 2nd May 2013, PEC Chandigarh.
Rahul O Vaishya	"FEA", one day seminar at Neelkhant Institute of Technology, Modipuram on 6th May 2013.
Dr Umesh Sharma	Keynote Speaker in National Seminar on Operation, Maintenance, Tolling & Traffic System at N.C. College, Israna, Panipat 7th May 2013.
Dr. Jagdish Kumar	Expert Lectures in "STC on "Real Time Implementation of Power Electronics Technologies", MNIT Jaipur, June 28, 2013.
Dr Vasundhara Singh	Delivered an invited lecture on "Green Chemistry-Waste to Wealth" during short term course on "Advances in Science & Technology Useful for All Engineering Educators at PEC, Chandigarh under TEQIP-II.
L N Sharma	Delivered a talk on "Natural Disaster Management – Indian Scene" to the students and faculty of Fayetteville State University (F.S.U) institute, USA visiting PEC University of Technology on an Exchange Programme, at the Department of Applied Sciences, PEC on July 23, 2012.
Anju Singla	Delivered a talk on "Inclusive Growth Through Financial Inclusion" to the students and faculty of Fayetteville State University (F.S.U) institute, USA visiting PEC University of Technology on an Exchange Programme, at the Department of Applied Sciences, PEC on July 23, 2012.
Vasundhara Singh	Delivered a talk on "Green Chemistry for Environmental Sustainability an overview" to the students and faculty of Fayetteville State University (F.S.U) institute, USA visiting PEC University of Technology on an Exchange Programme, at the Department of Applied Sciences, PEC on July 25, 2012.

Sucheta	Delivered a talk on "Computer Graphics using Mathematical" to the students and faculty of Fayetteville State University (F.S.U) institute, USA visiting PEC University of Technology on an Exchange Programme, at the Department of Applied Sciences, PEC on July 25, 2012.
Ashwani Kumar	Delivered a talk on "Scientific Methods" to the students and faculty of Fayetteville State University (F.S.U) institute, USA visiting PEC University of Technology on an Exchange Programme, at the Department of Applied Sciences, PEC on 23.07.2012.
Divya Bansal	Trends in Wireless Technologies, Short Term Course on "Internet Technology" to be held from 30th July to 3rd August, 2012, NITTR, Chandigarh.
Dr S K Singh	"Solid waste disposal practices in India" in National conference on 'Latest development in pollution control and prevention techniques', 21-22 Nov 2012, NITTTR Chandigarh.
Dr Rakesh Kumar	Extension/expert lecture on 'Role of Aerodynamics during Design of Aircraft' CEP course on 'Design, Development, Upgradation of Airborne Systems', RCMA, Chandigarh on 27.Nov.2012.
Dr. Tripta Goyal	Lecture delivered by Er. H.C sethi on "Traffic system in Chandigarh" on 6th Nov, 2012
Dr. Tripta Goyal	Lecture delivered by Er. A. P Bahadur on "Safer roads for India" on 6th Nov, 2012
Dr. Uma Batra	Lecture delivered by Prof. Keya Dharamvir on "Scanning tunneling electron microscope and atomic force microscope" on 6th Nov, 2012
Dr. Uma Batra	Lecture delivered by Dr. Swaranjit Singh on "Analysis of metals and metalloids" on 6th Nov, 2012
Dr. Uma Batra	Lecture delivered by Dr. M L Singla on "Analytical instruments for nano-materials characterization" on 6th Nov, 2012
Prof. Rupali Verma	Lecture delivered by Mr. Manish Jain and Mr. Kulvaibhav Kaushik on "Data Mining" on 29th Nov, 2012
Dr. Uma Batra	Lecture delivered by Mr. P.N Shali on "Reforms in PG Education" on 30th Nov 2012
Dr. Uma Batra	Lecture delivered by Dr. S.R. Parbhakar on "Reforms in Curriculum of PG Materials & Metallurgical Engineering Programme" on 30th Nov 2012

Prof. Kishori Lal	Lecture delivered by Dr. kota harinayan, Dr. Satish Kumar, Mr. K P singh, Prof. R K Pant, Prof. A K ghosh, Mr. Jitender singh, Mr. Jimmy Kansal, Mr. Sudhir gupta, Mr. R.C Sharma, Mr. R.K Palta, Mr. Yogesh kumar on "Enhancement of R&D Activities " on 30th Nov 2012
Dr Rakesh Kumar	Extension/expert lectures were delivered in STC on 'Flight Mechanics and Recent Developments' held during December (3-7), 2012 at PEC University of Technology, Chandigarh.
Dr. Parveen Kalra	"Industrial Design", Short term course on Advances in Science and Technology for All Engineering Educators, PEC University of Technology, December 8, 2012.
Dr. Neelam Rup Prakash	Lecture delivered by Mr. H.S Jatana SCL Mohali on "Issues and Challenges in submicron VLSI Design" on 22nd Jan, 2013
Dr. Neena Gupta	Lecture delivered by Mr. Somil Saxena on "Design and simulation of photonic communication Systems" on 25th Jan, 2013
Prof. Rajesh Kanda	Lecture delivered by Dr. Maarten on "Advances in EEG/ERP Analysis for Cognitive studies during the ACNS-2013" on 3rd Feb, 2013
Dr. Neena Gupta	Lecture delivered by Mr. Jaspreet singh on "Emerging trends in Photonics" on 6th Feb, 2013
Dr. Tarlochan Kaur	Lecture delivered by Dr. Y.R Sood on "Green Power-Renewable Energy integration in smart electricity Grids" on 6th Feb, 2013
Prof. Sucheta	Lecture delivered by Dr. Anjali Roy , Prof. Ravi Shankar , Narinder Singh, Dr. R. S. Banshu, Arvind Kumar Gupta, Dr. Sanjiv Puri , Rakesh kumar , Somaresh bardhan on "The Role and Importance of Basic Sciences and Humanities in Undergraduate Engineering " on 23rd Mar, 2013
Prof. Jaswinder Singh	Lecture delivered by Mr. Ankur Vyas (PEC Alumni 2001 batch) on "Cost Management" on 25th Mar, 2013
Prof. Jaswinder Singh	Lecture delivered by Prof. Surjit Wadhwa (Retd.) on "Patents" on 25th Mar, 2013
Prof. R.K. Mahajan	Lecture delivered by Manu Goyal, Dr. Surendra Singh, P.N Shali, O.P Pandey , Ravi Kumar , Rupinder Kumar Malhotra , Vivekanand Kain, Varinder Dhawan on "Curriculum Development Workshop of M.E (IMM) " on 11th,16th-25th Apr, 2013
Prof. Shakti Kumar	Lecture delivered by Two Experts from NIT Kurukshetra ,One IIT Roorkee, One from NITTTR Chandigarh, 3 from civil engg. deptt and 3 alumini on "P.G Curriculum Revision of M.E. Environmental Engineering" on 17th Apr, 2013

Prof. M.A Alam	Lecture delivered by Dr. Subodh Ranjan , Sh. Nand Kumar Tiwari, Sh. Rakesh Gupta , Sh. K. K Gupta Pb. Irrigation Department, Sh. Armaan Singh U.T Engineering Department on "P.G Curriculum Revision of M.E. Irrigation and Hydraulic Engineering " on 17th Apr, 2013
Prof. Sulata Bhandari	Lecture delivered by Prof. Biswarup Das, Prof. R.S Bhatia , Dr. M.K Pathak, Sh. Atul Pasrija, Sh. Maninder Kumar , Ms. Sunita Goyal , Mr. A. P singh, Mr. Y.P Verma , Mr. Safal Batra on "Revision of M.E. (Electrical) Curriculum Development " on 18th Apr, 2013
Dr. Sanjeev Sofat	Lecture delivered by Dr. Sudarshan, Dr. Jatinder Chhabra, Ms. Baani , Ms Savina, Mr. Avinash IT CT MG Towers Sec-67 Mohali, Mr. Vikas Tripathi on "One day Workshop on Curriculum Development " on 23rd Apr, 2013
Prof. Neelam Rup Parkash	Lecture delivered by Arun Kumar Chatterjee, Dr. R. K Sharma, Dr. O.P Sahu, Dr. Balwinder Singh Raj , S.K Chopra , Dr. B.S Saini , Ravinder Sahi, Renu Vig , Sanjay Sharma on "Revision of M.E. (Electronics & VLSI/ Electrical Design) Curriculum Development " on 23rd Apr, 2013
Dr. Arun K Lall	Lecture delivered by Prof. Sudarsan Ghosh, Prof. Inderdeep singh, Dr. Harpreet Singh, Prof. S. K Mahajan, Prof. Rajesh Kumar, Varinder Singh Kalsi, Sushil Kumar, Pritpal Singh Virdi, Dr. B. S Pabla, Dr. S. S Dhami on "ME Mechanical Curriculum Development Workshop " on 23rd Apr, 2013
Dr. Vasundhara singh and Dr. Satyendra singh (functional materials) Dr. Uma Batra & Dr. Mamta sharma (Nano Materials)	Lecture delivered by Prof. A.K chakraborti , Dr. Rahul Vaish, Dr. Bonamali Pal, Dr. Nanda Kumar , Prof. P. Selvam , Prof. A.K chakraborti, Dr. Rahul Vaish, Dr. Bonamali Pal, Dr. Nanda Kumar, Prof. P. Selvam on "Recent Development in Functional Materials " on 26th Apr, 2013.
Dr. Sanjeev Sofat	Lecture delivered by Ms. Kamaljeet kaur, Dr. Sukhwinder Singh , Sh. Vinod Sharma, Gurdit Singh , Dr. Kuldeep Singh on "One day Workshop on Curriculum Development for ME-CSE (IS) " on 30th Apr 2013
Dr. R.M Belokar	Lecture delivered by Mr. Dev Kiran on "Advances in the manufacturing of Piston rings" on 14th May, 2013
Mr. Jugpreet Singh	Lecture delivered by Dr. Pradeep Kumar on "Joining of Bulk material through microwave energy" on 3rd- 7th Jun, 2013
Mr. Jugpreet Singh	Lecture delivered by Dr. Rama Gopal V Sarepaka on "Diamond Turining: Precision machining " on 3rd- 7th Jun, 2013

Prof. R. M Belokar

Lecture delivered by Sh. N. C Jain, Sh. Rajiv Gupta, Dr. R. K Garg, Dr. Harmesh Kansal, Dr. S. S Banwait, Sh. Dev Kiran , Sh. Deepak Sharma and Naresh Kumar Chawla on "Relevance and scope of workshop & base document containing curriculum structure were discussed in detail" on 3rd- 7th Jun, 2013

Dr. Alakesh Manna

Lecture delivered by Inderpreet singh , Dr. Apurabba kumar sharma , Dr. Hari singh, Dr. Harlal singh Mali, Pradeep kumar , Dr. Buta S. Sidhu, Dr. S. V Rama Gopal, Anshu Dhar Jayal , Prof. B.B Ahujaon"Advanced and Micro manufacturing " on 3rd- 7th Jun, 2013

## **EXTENSION LECTURES DELIVERED (2014)**

Sanjeev Kumar	Characterization nano/micro structures using different techniques, Recent advances in Materials Science and Nanotechnology, GGDSD, College, Chandigarh on February 1, 2014.
Dr T K Jindal	Three expert lectures in Gas turbine during FDP at CGC Landran Mohali 10-12 Feb.2014.
Alakesh Manna	Advancements in Materials, Manufacturing and Quality of Product MMQC-2014 MED, GZSCET Bhatinda Punjab 13TH Feb, 2014.
Rajesh K. Bhatia	Software Testing: Future Trends CSI Foundation Day and Technical paper presentation Chandigarh 15th March 2014.
Jagtar Singh Gill	Essentials of Research Processes in Physical Education', Ph.D. course work in physical education, conducted by Dept of Physical Education, Panjab University, Chandigarh, 22th March, 2014.
D. R. Prajapati	Project Management Techniques STC on "Advanced and Micro-manufacturing" MED, PEC University of Technology 3rd June, 2014.
Sanjeev Kumar	Basic ideas of nanomaterials, Faculty Development Programme on achieving excellence in Applied Physics. Chandigarh University Gharuan on 11th July, 2014.
Sanjeev Kumar	Synthesis and characterization of nanomaterials, Faculty Development Programme on achieving excellence in Applied Physics, Chandigarh University Gharuan on 11th July, 2014.
Sucheta	Delivered an invited lecture on Special Functions, Faculty Training Programme – Rayat& Bahra Institute of Engineering and Biotechnology on July 14, 2014.
Dr Vasundhara Singh	Delivered an at the University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh as resource person at the UGC-Networking research centre in a one week short term training programme from 5th -10th August,2013 titled: "New synthetic routes towards bioactive sphingolipids and their analogues".
Rajesh K. Bhatia	Research trends in automated software Testing International Conference in Telecommunication and communication by ACEEE Society Chandigarh 1st September 2013.

Neena Gupta	(Live telecast) on Wifi And WiMax Technologies Online ICT Based Technical Program on Wireless & Mobile Communication for various Technical institutions of Northern states of India.National Institute of Technical Teachers Training & Research, NITTR, Sec 26 Chandigarh 19.9.13.
Alakesh Manna	Smart Materials in Engineering Recent Trends in Mechanical Engineering MED, PEC University of Technology 26th Sept, 2013.
Dr T K Jindal	Expert lecture on Pulse detonation, 27-Sept-2013 at National Seminar on RECENT TRENDS IN MECHANICAL ENGINEERING, CEC Landran Mohali.
Alakesh Manna	Hybrid WECSM setup during cutting of e-glass fibre epoxy composites International Conference on Advancements & Futuristic Trends in Mechanical & Materials Engineering MED, PTU Kapurthala Punjab 6th Oct, 2013.
Alakesh Manna	Smart Materials and Hybrid Process ICRIME-2013 MED, GNEC Ludhiana 24TH Oct, 2013.
Alakesh Manna	Smart Materials and Hybrid Machining Techniques ETES-2013 MED, GKU Hardwar, Uttrakhand 9TH NOV, 2013.
Vasundhara Singh	Role of Basic Sciences in Engineering, Faculty Development Programme in Applied Sciences UIET, Panjab University, Chandigarh on November 11, 2013.
J D Sharma	"Stability of retained austenite in Ni alloyed ADI" in 51st NMD-ATM 2013 organized by Indian Institute of Metals, Kolkata (Nov.12-15, 2013).
Rajesh K. Bhatia	Efficient Project Process and Software Project Management 38th Refresher Course Patiala 14-11-2013 to 04-12-2013.
Sanjeev Kumar	Nanowires and nanotubes: synthesis via porous membranes as template, International conference on structural and physical properties of solids, Indian School of Mines, Dhanbad on November, 18-20, 2013.
Vasundhara Singh	My Tryst with Photocatalysis: From UV to Visible light using nanocrystalline TiO <sub>2</sub> and sonochemical activation for dye degradation, Advanced Oxidation Processes (AOP 2013)", Thapar University, Patiala on Nov 21-23, 2013.
Neena Gupta	AICTE sponsored National Seminar on Optical Communications-Trends and Applications Rayat and Bahra College of Engg And Biotechnology for Women , Mohali. 6th -7th Dec 2013.

Dr. Anju Singla	Lecture delivered by Smita Jha on "Language, communication and NSS" on 30th-31st Aug, 2013
C.S Jawalkar	Lecture delivered by Dr. Apurbba Kumar sharma on "Micro machining through advanced manufacturing" on Sept 2nd week, 2013
Dr. Divya Bansal	Lecture delivered by Mr. Vipul Kumar on "Malware Analysis" on 13th Sep, 2013
Prof. Vasundhara singh	Lecture delivered by Mr. P.K Ralhan on "History and various aspects of civil engineering" on 16th Sep 2013
Prof. Jagjit singh Randhawa	Lecture delivered by Sh. Manoj kumar on "Imparting Creative product design knowledge" on 26th Sep, 2013
Prof. Harminder Kaur	Lecture delivered by Mr. M.P singh on "Renewable Energy" on 28th Oct, 2013
Prof. R. M Belokar	Lecture delivered by Mr. M. K Gandhi on "Interactive Design" on 28th Oct, 2013
Dr. Sanjeev Sofat	Lecture delivered by Infosys Chandigarh on "Lectures during Industry-Institute interaction week" on 28th Oct, 2013
Dr. Sanjeev Sofat	Lecture delivered by Mr. Vinod sharma , Sh. Mayank Sharma, Sh. Mohan Lal, Sh. Ravinder Dasila, Himanshu Singhal , Ms. Arpita Aggarwal, Mr. Maras chhabra, Prof. Sudhanshu Mittal Plot- 2 & 3 Sector 16-A Noida, Sh. Uday Khambete, Sh. H. S Jatana , Sh. Lakhbir Singh, Sh. Arvind Dixit on"Expert lectures during Industry Institute Interaction week " on 28th Oct-1st Nov, 2013
Prof. Rintu Khanna	Lecture delivered by Ms. Harpreet Kaur on "Industrial Automation" on 28th Oct, 2013
Prof. T.K Jindal	Lecture delivered by Sh. Ramandeep sidhu on"Structural analysis of Airplane components by using state of the art software" on 28th Oct, 2013
Prof. P. S Satsangi	Lecture delivered by Gurvin Singh, A L aggarwal, Sandeep Sharma , Mr. Vivek Nigam on "Academic and general preparation for plunging into world of work after graduation and post graduation course Entrepreneurship opportunities and avenues & New technologies developing in mechanical engineering " on 28th Oct-1st Nov, 2013
Prof. J.D Sharma	Lecture delivered by Mr. Lakhinder Singh on "Advances in Automotive Engineering & Technology." on 28th Oct, 2013

Prof. J.D Sharma	Lecture delivered by Mr. S. S Randhawa on "Information security" on 28th Oct, 2013
Prof. J.D Sharma	Lecture delivered by Mr. Sandeep Taneja on "Problem solving technique" on 29th Oct, 2013
Prof. T.K Jindal	Lecture delivered by Sh. Subhash Chander on "Missiles" on 29th Oct, 2013
Prof. Tejinder Singh Saggu	Lecture delivered by Mr. Rajiv Gupta on "Energy conservation" on 29th Oct, 2013
Prof. Harminder Kaur	Lecture delivered by Dr. Ravi shankar on "Coordination Chemistry of Tin" on 29th Oct, 2013
Dr. R. M Belokar	Lecture delivered by Mr. Ajay Sharma on "Value Engineering in R&D" on 29th Oct, 2013
Prof. Umesh sharma	Lecture delivered by Er. H.C Sethi on "Traffic management" on 29th Oct, 2013
Dr. R. M Belokar	Lecture delivered by Prof. Ashoke Pundhir on "Project and Operations Management" on 30th Oct, 2013
Prof. Umesh Sharma	Lecture delivered by Sh. Umendra Dutt on "Environmental pollution" on 30th Oct, 2013
Prof. Umesh sharma	Lecture delivered by Er. Atul chawla on "Design of canals" on 30th Oct, 2013
Prof. Umesh Sharma	Lecture delivered by Dr. M. S ghumann on "Geotechnical Engineering" on 30th Oct, 2013
Prof. Umesh Sharma	Lecture delivered by Er. R. S Gillon "Forest conservation" on 30th Oct, 2013
Prof. Umesh sharma	Lecture delivered by Dr. Sultan Singh on "Land record modernization" on 30th Oct, 2013
Dr. Sanjeev Sofat	Lecture delivered by Aricent Gurgaon on "Lectures during Industry-Institute interaction week "on 30th Oct, 2013
Prof. Rintu Khanna	Lecture delivered by Mr. Kapil Jindal on "Trends in PLC" on 30th Oct, 2013
Prof. T.K Jindal	Lecture delivered by Sh. Jimmy Kansal on "Challenges for the aerospace engineers for flying UAVs in the difficult snow bound terrain" on 30th Oct, 2013

Prof. J.D Sharma	Lecture delivered by Mr. Sanjiv Gupta on "Lean Manufacturing" on 30th Oct, 2013
Prof. J.D Sharma	Lecture delivered by Mrs. Archana Rohella on "Role of Standardization" on 30th Oct, 2013
Prof. Umesh sharma	Lecture delivered by Er. R. S Saini on "Environmental monitoring" on 31st Oct, 2013
Prof. Umesh sharma	Lecture delivered by Er. R. B. Singh on "Design of Bridges" on 31st Oct, 2013
Prof. Umesh sharma	Lecture delivered by Dr. I.C. Syal on "Importance of Structural Design" on 31st Oct, 2013
Prof. Umesh sharma	Lecture delivered by Er. R. K Jain on "Design of white topping on roads" on 31st Oct, 2013
Prof. R. M Belokar	Lecture delivered by Mr. S. K Dewan on "Total Quality in Engg & Mgmt." on 31st Oct, 2013
Dr. Sanjeev Sofat	Lecture delivered by Checkpoint Bangalore on "Lectures during Industry-Institute interaction week" on 31st Oct, 2013
Prof. Rintu Khanna	Lecture delivered by Mr. Amandeep Singh on "Protection schemes" on 31st Oct, 2013
Prof. Rintu Khanna	Lecture delivered by Mr. Vivek Mahajan on "Reactive Power Control in Power System" on 31st Oct, 2013
Prof. T.K Jindal	Lecture delivered by Dr. R C Sharma on "Indian Aviation field" on 31st Oct, 2013
Prof. T.K Jindal	Lecture delivered by Sh. Pravendra Kumar on "The importance of design and the joints in manufacturing processes in Aerospace Industry." on 1st Nov, 2013
Prof. Jagjit singh Randhawa	Lecture delivered by Dr. Pradeep Bala on "Product Design" on 1st Nov, 2013
Prof. J.D Sharma	Lecture delivered by Mr. Rakesh Bhalla on "Overview of Indian taxation system" on 1st Nov, 2013
Prof. Harminder Kaur	Lecture delivered by Lal chand saravagi on "Financing for Entrepreneurs" on 1st Nov, 2013
Prof. R. M Belokar	Lecture delivered by Mr. T V K Gupta on "Industrial Design" on 14th Nov, 2013

Prof. Harminder Kaur	Lecture delivered by Dr. Sanjay Kaushik on "Recent Trends in Management" on 31st Nov, 2013
Prof. Tejinder Singh Sagg	Lecture delivered by Dr. R Jha on "Trends in energy conservation in India" on 16th-20th Dec, 2013
Prof. Tejinder Singh Sagg	Lecture delivered by Er. Harish Sharma on "Renewable energy certificate (REC) mechanism in India & Clean Development mechanism and its implication for power industry" on 16th-20th Dec, 2013
Prof. Tejinder Singh Sagg	Lecture delivered by Mr. Sushil Chandra on "Virtual power plants using smart grid technology" on 16th-20th Dec, 2013
Prof. Tejinder Singh Sagg	Lecture delivered by Mr. Balkar singh on "Energy- some random thoughts" on 16th-20th Dec, 2013
Prof. Tejinder Singh Sagg	Lecture delivered by Arvind Dhigra on "Harnessing Biomass for green energy" on 16th-20th Dec, 2013
Prof. Tejinder Singh Sagg	Lecture delivered by Dr. Mandeep Singh on "Energy savings in pumps fans blowers compressors and motors" on 16th-20th Dec, 2013
Prof. Tejinder Singh Sagg	Lecture delivered by Dr. MD Singh on "Role of instrumentation in energy conservation" on 16th-20th Dec, 2013.
Prof. Sanjeet Kumar	Lecture delivered by Mr. Mayank Gupta on "Practical Aspects of Non Destructive Techniques" on 10th Feb, 2014.
Prof. Umesh sharma	Lecture delivered by Dr. Manoj Verman on "Challenges of tunneling through Himalayas" on 7th-11th Apr, 2014.
Prof. Shalom	Lecture delivered by Mr. L. Pugazhenethy on "Indian Metals industry- Current scenario and future perspectives" on 7th-11th Apr, 2014.
Prof. Shalom	Lecture delivered by Mr. B. Gopala on "Advances in Iron Making and Steel Making" on 7th-11th Apr, 2014.
Prof. Shalom	Lecture delivered by Cecil Akhai on "Insulation Materials & Designing in Air Conditioning Industry Chandigarh Admn. PEC CCA" on 7th-11th Apr, 2014
Prof. Shalom	Lecture delivered by Mr. Daljit Singh on "Design of Production facilities in modern steel plants" on 7th-11th Apr, 2014
Prof. Shalom	Lecture delivered by Mr. B.S. Sanga on "Role of Metallurgists in Engineering Industry" on 7th-11th Apr, 2014

Prof. Shalom	Lecture delivered by Mr. Mukesh Jaiswal on "Challenges & Opportunities in mining and metallurgical industries in India" on 7th-11th Apr, 2014
Prof. Ajay Mittal	Lecture delivered by Mr. Avtar Mahajan on "Transition from college to corporate and recent IT trends" on 7th-11th Apr, 2014
Prof. Ajay Mittal	Lecture delivered by Mohit Virmani on "The power of doing now" on 7th-11th Apr, 2014
Prof. Ajay Mittal	Lecture delivered by Dr. H. K Sardana on "Computational science-New Vistas " on 7th-11th Apr, 2014
Prof. Ajay Mittal	Lecture delivered by Manoj Manuja on "BYOD-challenges and opportunities" on 7th-11th Apr, 2014
Prof. Jasbir Kaur	Lecture delivered by Amit Saini on "Introduction to TCAD (Technology computer Aided design)" on 7th-11th Apr, 2014
Prof. Jasbir Kaur	Lecture delivered by Ravinder Sahi on "Overview of measurement and calibration techniques in electronic systems" on 7th-11th Apr, 2014
Prof. Jasbir Kaur	Lecture delivered by H. S. Jatana on "Analog chip design" on 7th-11th Apr, 2014
Prof. Rintu Khanna	Lecture delivered by Dr. Ravi segal on "Power scenario and grid dynamics" on 7th-11th Apr, 2014
Prof. Rintu Khanna	Lecture delivered by Mr. Vishal Gogna on "Electrical supplies in thermal plant" on 7th-11th Apr, 2014
Dr. Tarlochan kaur	Lecture delivered by Prof. Dinesh on "Embedded system design" on 7th Apr, 2014
Prof. Rakesh	Lecture delivered by Sh. Jimmy Kansal on "Unmanned Autonomous System" on 7th-11th Apr, 2014
Prof. Rakesh	Lecture delivered by Sh. Subhash Chander on "Missile control system" on 7th-11th Apr, 2014
Prof. Rakesh	Lecture delivered by Sh. Gagandeep Singh on "Design and development of advanced light helicopter" on 7th-11th Apr, 2014
Prof. P.S Satsangi	Lecture delivered by Vinod Jain and Dr. Ramandeep Kaur on "Safety issues or needs in industry" on 7th-11th Apr, 2014
Prof. P.S Satsangi	Lecture delivered by Dr Samir K Mondal on "Optical fibre and nano photonics" on 7th-11th Apr, 2014

Prof. Sanjeev K Sofat	Lecture delivered by Mr. Pratik Mehta on "Public Sector Education" on 26th-27th Jun, 2014
Prof. Sanjeev K Sofat	Lecture delivered by Mr. Chinmaya Saxena on "Microsoft Virtual Academy (MVA)" on 26th-27th Jun, 2014
Prof. Sanjeev K Sofat	Lecture delivered by Mr. Arunagiri Kalidas on "Devices in Education" on 26th-27th Jun, 2014
Prof. Sanjeev K Sofat	Lecture delivered by Mr. Jagdish Sasala on "Windows Phone and Windows 8.1" on 26th-27th Jun, 2014
Prof. Sanjeev K Sofat	Lecture delivered by Mr. Pankaj Dikshit on "Microsoft Learning s and Certifications in India" on 26th-27th Jun, 2014
Prof. Sanjeev K Sofat	Lecture delivered by Ms. Gauri Arora, Mr. Siddharth Prakash on "MSR Initiatives" on 26th-27th Jun, 2014
Prof. Sanjeev K Sofat	Lecture delivered by Mr. Venkatesh Saravaisddhi on "Microsoft Academic Initiatives" on 26th-27th Jun, 2014
Prof. Sanjeev K Sofat	Lecture delivered by Mr. Anshu Mor on "Xbox Gaming and Kinect" on 26th-27th Jun, 2014
Prof. Sanjeev K Sofat	Lecture delivered by Mr. Joseph Landes , Mr. Chakrapani Gollapani, Mr. Karan Bajwa on "Microsoft faculty connect summer symposium" on 26th-27th Jun, 2014
Dr. Divya Bansal	Lecture delivered by Prof. D S Broca on "Business process simulation" on 3rd Sep, 2014
Dr. Uma Batra	Lecture delivered by Dr. Sreedhari Desai on "Ethics & Social Awareness & Strategic Decision making" on 12th Sep, 2014
Dr. Arun Kumar Singh	Lecture delivered by Prof. Ajay Chakraborty on "Electromagnetic Interference and Compatibility" on 13th Sep, 2014
Dr. Tripta Goyal	Lecture delivered by Er. Narinder Sharma on "Modern Temples of resurgent/ Water Resources Development in northern India: Bakhra Beas and Ranjit Sagar Dams of Northern India" on 27th Oct 2014
Dr. R. M Belokar	Lecture delivered by Mr. Sunil Saitwal on "Creative visualization & mind power " on 27th-31st Oct, 2014
Dr. R. M Belokar	Lecture delivered by Sq. Ldr Walter Mascarenhas on "Effective communication skills & Presentation skills" on 27th-31st Oct, 2014
Dr. R. M Belokar	Lecture delivered by Dr. V. P. Gupta on "Advanced Foundry Engineering" on 27th-31st Oct, 2014

Dr. R. M Belokar	Lecture delivered by Dr. Sunil Pandey on "Foundry and Casting technology" on 27th-31st Oct, 2014
Dr. R. M Belokar	Lecture delivered by Dr. Sachin Maheswari on "Manufacturing and Auto-mative aspects" on 27th-31st Oct, 2014
Dr. Tripta Goyal	Lecture delivered by Er. Shishir Bansal on "Growing Infrastructure in Metropolitan city-delhi & sustainability considerations" on 30th Oct, 2014
Dr. Uma Batra	Lecture delivered by Prof. Deshdeep Sahdev on "Resolving atoms in our backyard" on 16th Oct, 2014
Prof. R. K Mahajan	Lecture delivered by Mr. R. P. Seghal on "Expectations of the corporate world from the new entrants" on 27th-31st Oct, 2014
Prof. R. K Mahajan	Lecture delivered by Mr. Varinder Verma on "Recent developments in Heat Treatment" on 27th-31st Oct, 2014
Prof. R. K Mahajan	Lecture delivered by Mr. Vivek Mittal BHEL Haridwar on "Role of metallurgy in thermal power plants" on 27th-31st Oct, 2014
Prof. R. K Mahajan	Lecture delivered by Mr. S. C Mehta on "Design of experiment and process failure & mode effect analysis" on 27th-31st Oct, 2014
Prof. R. K Mahajan	Lecture delivered by Mr. Pankaj Puri on "Rolling of steel & production of rails" on 27th-31st Oct, 2014
Prof. R. K Mahajan	Lecture delivered by Ms. Suditi Jindal on "Resume Writing" on 27th-31st Oct, 2014
Prof. R. K Mahajan	Lecture delivered by Mr. Rajwant Rai on "Introduction to Armament design in TBRL/ DRDO & Role of material properties in design and relevant case studies" on 27th-31st Oct, 2014
Dr. Umesh Sharma	Lecture delivered by Ms. Anita Stogel on "Business communication /Effective Business Communication for Professionals" on 31st Oct, 2014
Prof. Ajay Mittal	Lecture delivered by Mr. Vikas Jain on "Secret of Success in IT Industry and Importance of College subjects for IT industry" on 27th-31st Oct, 2014
Prof. Ajay Mittal	Lecture delivered by Satish Kumar on "Early Warning systems" on 27th-31st Oct, 2014
Prof. Ajay Mittal	Lecture delivered by Dr. Anil K Sao on "Compressive sensing based approach for speech and image processing" on 27th-31st Oct, 2014

Prof. Ajay Mittal	Lecture delivered by Sh. Neeraj Garg on "Hadoop" on 27th-31st Oct, 2014
Prof. Vasundhara singh	Lecture delivered by Prof. Madhu Raka on "Introduction to coding theory" on 27th-31st Oct, 2014
Prof. Vasundhara singh	Lecture delivered by Dr. S. K Tripathi on "Oxide Semiconductors" on 27th-31st Oct, 2014
Prof. Vasundhara singh	Lecture delivered by Dr. Sanjeev Gautam on "Synchrotron Applications" on 27th-31st Oct, 2014
Prof. Vasundhara singh	Lecture delivered by Mr. Sandeep Gandotra on "Managing an Entrepreneurial venture" on 27th-31st Oct, 2014
Prof. Vasundhara singh	Lecture delivered by Dr. S. K Dhameja on "Financial Assistance for Entrepreneurs" on 27th-31st Oct, 2014
Prof. Vasundhara singh	Lecture delivered by Prof. Raj Pal Sharma on "Cationic Cobaltammimes as anion receptors" on 27th-31st Oct, 2014
Prof. Vasundhara singh	Lecture delivered by Ms. (Adv) Madhu P Singh on "Gender equality and sensitization" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Mr. Navjit Singh Miglani on "Wireless technology (Recent advancements in communication)" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Mr. Navneet Katariaon "VNA measurement fundamentals and its use in industry followed by live demo" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Mr. Randhir Dhawan on "Life cycle of a product" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Mr. Pramod Garg on "Current trends in mobile computing" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Mr. Siddique on "ARM Processors & PLC" on 27th-31st Oct, 2014
Dr. Rintu Khanna	Lecture delivered by Vivek Mahajan on "Roles and development of Bus bar protection in power system" on 27th-31st Oct, 2014
Dr. Rintu Khanna	Lecture delivered by Vishal gogna on "Power plant operations" on 27th-31st Oct, 2014
Prof. T. K Jindal	Lecture delivered by Sh. Jimmy Kansal on "Technology development to combat challenges of snow avalanches" on 27th-31st Oct, 2014

Prof. T. K Jindal	Lecture delivered by Sh. Sudhir Dhamija on "Design and development of a rocket for military applications" on 27th-31st Oct, 2014
Prof. T. K Jindal	Lecture delivered by Sh. R.C Sharma on "Technological development and challenges in Aerospace industries" on 27th-31st Oct, 2014
Dr. P. S Satsangi	Lecture delivered by Rajeev Aggarwal on "Design of suspension and damper mounts" on 27th-31st Oct, 2014
Dr. P. S Satsangi	Lecture delivered by Dr. Ramandeep Kaur on "Role of ergonomics in manufacturing industry" on 27th-31st Oct, 2014
Dr. P. S Satsangi	Lecture delivered by Mr. Mark Schieffer on "Vibration Calibration" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Sh. Tripat Pal Singh on "Engineering career at Indian Navy" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Sh. Varun K Mahandru on "Cache design basics design of a high performance cache design for HW/SW co-designed processor" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Sh. Vikram Virdi on "Career Opportunities with engineering consultancy" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Sh. Gulshan sandhu on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Sh. Joydeep Pal on "Exploiting linear and non linear piezoelectricity in novel semiconductor devices" on 27th-31st Oct, 2014
Prof. Neena Gupta	Lecture delivered by Prof. E.G. Rajan on "Digital image & Signal Processing" on 27th-31st Oct, 2014
Dr. Poonam Saini	Lecture delivered by Dr. Sudarshan Iyeugar, Sh. Jagpreet Singh, Prof. Awadesh Kumar Singh on "Research scholars congregation" on 12th Nov, 2014
Dr. Arun Kumar Singh	Lecture delivered by Prof. Charanjit Singh Bhatia on "Frontiers in Magnetic Recording Research: Vision for 10tb/M2" on 10th Dec, 2014
Dr. Suman Kant	Lecture delivered by Dr. Ajay Batish, Dr. A. K Sharma , Dr. Pardeep kumar, Dr. R. S Walia , Dr. Vivek Jain, Dr. R. K Garg on "Design of experiment and its application in research " on 12th-16th Jan, 2015
Dr. Arun Kumar Singh	Lecture delivered by Dr. Paramveer Dhillon on "Big Insight from Big Data" on 19th Jan, 2015

Dr. Divya Bansal	Lecture delivered by Mr. Mani Madhukar on "Cloud Computing & Bluenix-Pass model of cloud computing" on 27th Jan, 2015
Mr. Tejinder Pal Singh	Lecture delivered by Dr. Sanjay Kaushikon "Training need analysis " on 23th Feb, 2015
Dr. Ajay Mittal	Lecture delivered by Dr. V. B Singh, Mr. Rakesh Tirath, Dr. S. R. S Iyengar, Mr. Sourabh Deorah on "Academic workshop for framing curriculum for UG Programme (New UG Curriculum)" on 20th Mar 2015
Jaimala Gambhir	Organised an expert lecture talk on "Role of Teacher in bringing Quality Education" by professor I.K. Bhatt Director MNIT Jaipur on 20th February 2014.
Jaimala Gambhir	Delivered an expert lecture on "Wind Energy" in Electrical Department, MNIT Jaipur on 28th March 2014.
Tarlochan Kaur	Delivered an expert lecture on Recent Trends in Solar Energy For Power Generation' Faculty Development Programme on Latest Trends in Power Engineering, at Chandigarh University , Gharuan, 9th July , 2014

**Sponsored Research Projects:**

<b>Project No.</b>	<b>Title</b>	<b>Funding Agency</b>
1	Spatio-Temporal Monitoring of A Glacier Using Satellite Remote Sensing & Luminescence	DST
2	To synthesise sphingo-lipids and related compounds	CSIR
3	Incentive to EFIP consider Joining	AICTE
4	NASA The great moon buggy race 2009-UFO Team I	Chandigarh Administration
5	NASA The great moon buggy race 2009-Kalpana Team II	Chandigarh Administration
6	Design and development of dependable secure and efficient protocols for wireless mesh network	DIT
7	Formula SAE	Chandigarh Administration Punjab Govt., Trident PTL
8	Establishment of new national MEMS Design Centre	IISC, Bangalore
9	Improvements in Cycle Rickshaws of Chandigarh	Governor of Punjab Discretionary Grant
10	Monitoring & performance evaluation of STP at Raipur	Engineering Deptt.
11	Design & Development of pulse detonation propulsion system test Rig	TBRL
12	Design and Development of Dependable, Secure and Efficient Protocols for Wireless Mesh Networks (WMN)	DIT, Govt. of India
13	Wireless Sensor Network Research Lab	Punjab Engineering College
14	U.S Space Centre Moon buggy April, 2011	DST, Chd. Admn., Govt. of Punjab
15	Ergonomic Evaluation of Industrial Systems and Consumer Products	PEC
16	Development of Cloud Based Framework for Delivering Security as a Service	Dept. Of Information Technology, Govt. of India
17	Information Security Assessment Model for Banks	IBM (Sponsored University Grants)
18	Project titled State of the Art Advanced decryption Facility	In-house
19	Research facility in Wireless Sensor Network	In-house
20	Advanced facilities in Biometric Sensor Technologies	In-house
21	NASA Great Moon Buggy Race, 2012	Private & Govt. Sponsor
22	IBM Shared University Research Grant Award : Information Security Model for the Banking Industry	International Business Machine Corporation (IBM)
23	Study of Glacier Dynamics using Advanced Remote Sensing Techniques	Dept. of Science & Technology, Government of India

24	CARTS: Communication Assisted Road Transportation Systems	ITRA
25	An Ergonomic Evaluation of Ingress and Egress Motion of Users for CTU Buses	Department of Science & Technology Chandigarh Administration
26	Grant for Embedded Curriculum and Lab Based on Intel Atom	Intel Semi Conductor (US) Ltd.
27	Facies Mapping of Gangotri Glacier using A WiFS data: A Super –Resolution approach	Science & Engg. Research Board (SERB), Dept. of Science and Technology, Govt. of India
28	Study of cooling effect of micro channels (Micro Technology)	Production Engineering Department
29	Synthesis of ZnO and ZnS nanoparticles and their size estimation using different models	Applied Science Department
30	Synthesis and Characterization of BiFe0.8Ti0.2o3 nanoparticles by sol-gel route	Applied Science Department
31	Development of lead free Sn-Zn-X (X-Pr, Bi) Solder	Materials & Metallurgical Engineering Department

### **Annexure - XXIII**

#### **In-house Research Projects**

<b>Sr.No.</b>	<b>Name of the Proposal</b>	<b>Co-ordinator's Name</b>
1	Advanced facility in Biometric Sensor Technologies	Dr. Sanjeev Sofat, Prof. Manavjit Kaur Prof. Divya Bansal, Prof. Ajay Mittal
2	Study of Mobility Plan Components for Chandigarh	Dr. Tripta Goyal, Dr. Pardeep Gupta
3	Bioceramic Coatings on Titanium Alloy Bioimplants	Prof Uma Batra, Prof. J.D Sharma
4	Photonic Systems and Network Design	Dr. Neena Gupta, Prof. Divya, Prof. Jyoti Kedia
5	Development of Pulse Detonation Test facility	Dr. T.K Jindal, Prof. Y.S Chauhan
6	Ionic Liquid Mediated Synthesis of Metal and Metal Oxide based Nanomaterials for Environmental Catalysis	Dr. Vasundhara Singh, Dr. Satyendra Singh
7	Development of ADI and its commercialization	Prof. J.D.Sharma
8	Synthesis and Characterization of Nano-structured Materials for Memory Application and Catalysis	Prof. Vasundhara Singh
9	Establishment of Facility for Embedded Systems	Prof. Neelu Jain & Prof. Rita Mahajan
10	Password Recovery Facility	Prof. Divya & Prof. Sanjeev Sofat
11	Installation of Supersonic Open-jet Wind Tunnel with Data Acquisition System	Prof. Rakesh Kumar & Prof Kishori Lal
12	Ergonomics Evaluation of Industrial Systems and Consumer Products	Prof. Parveen Kalra & Prof. R.S. Walia

**Research Initiation Project Award (RIPA)**

S.No.	Title of the Project	P.I. Name	Supponosring Agency
1	Synthesis of magnetically separable nanocatalysts for fine chemicals and waste water treatment	Prof. Vasundhara Singh	PEC & TEQIP-II
2	Software clone detection through data mining	Prof. Shilpa	PEC & TEQIP
3	Design and performance evaluation of ad hoc routing protocols for vehicular ad hoc networks	Prof. Sudesh Rani	PEC & TEQIP
4	Real time implementation of optimized switching scheme for SPV panels fed CMLI using neural network	Prof. Jagdish Kumar	PEC & TEQIP
5	Experimental analysis of seat vibrations of automobile for non uniform inputs	Prof. Tejbir Kaur	PEC & TEQIP
6	An experimental investigation on cryogenic machining of titanium alloy	Prof. Achitanand Dubey	PEC & TEQIP
7	Opto electronic and photonic integrated design	Prof. Neena Gupta	PEC & TEQIP
8	Experimental investigation on fabricated electro chemical spark machining setup for effective machining of non conductive ceramics	Prof. Alkash Manna	PEC & TEQIP
9	A frame work for proactive recovery protocols in wired and mobile ad hoc network for distributed transition processing: design and implementation	Prof. Poonam Saini	PEC & TEQIP
10	Development and analysis of efficient protocols for wireless sensor networks	Prof. Tirlok Chand	PEC & TEQIP
11	Modeling GPS based public transport tracking system through network simulation.	Prof. Sandeep K. Harit	PEC & TEQIP

12	Structure, dielectric and ferroelectric characterization of modified $(1-x)$ BiFeO <sub>3</sub> - $(x)$ PbTiO <sub>3</sub>	Prof. Sanjeev Kumar	PEC & TEQIP
13	Use of geographical information system (GIS) as a tool for monitoring of traffic characteristics of the Chandigarh city	Prof. Har Amrit Sandhu	PEC & TEQIP
14	A novel active power line conditioner to compensate dominant current harmonics under realistic utility conditions	Prof. Dhiraj Bharat	PEC & TEQIP
15	An investigation on Mechanical Properties and Permeability of Recycled Aggregate Concrete using Nano Silica	Prof. Arshdeep Singh	PEC & TEQIP
16	Design and analysis of solar concentrating cooking system with HTF and PCM heat storage	Prof. Ankit Yadav	PEC & TEQIP
17	Effects of Channel slope and bed roughness on hydraulic jump	Prof. Mohit Kumar	PEC & TEQIP
18	Power quality improvement of non linear system loads	Prof. Tajinder Singh Saggi	PEC & TEQIP
19	Heat transfer enhancement in parallel and counter flow configurations of pipe in pipe heat exchanger using mechanical turbulators	Prof. Gurjeet Singh	PEC & TEQIP
20	Parameter optimization for small hole drilling in hard and composite materials using drill EDM	Prof. Kamal Kumar	PEC & TEQIP
21	Development of geothermal energy base domestic room cooling and heating device.	Prof. T.K Jindal	PEC & TEQIP



## **2.17 Action Plan for Academic performance of SC/ST/OBC/Academically weak Students as per Table-19**

Following activities have been planned:

1. Identification of weak students at Undergraduate and Postgraduate levels.
2. Conducting communication skill and personality development programmes and workshops.

Activity	Project Months							
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24
<b>Action Plan for Academically weak students</b> - Summer Courses - Communication skill development Course Workshop - Finishing School: Personality Development Workshop								

3. Summer courses to the undergraduate and post graduate weak and underprivileged students of PEC University of Technology.