

Résumé – Neel Kanth Grover

Associate Professor
 Deptt. of Mechanical Engg.
 SBS College of Engg. & Technology
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 India



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Personal Information

Birth Details : July 12th, 1973, Ferozepur, Punjab

Marital status : Married

Languages Known: Hindi, English, Punjabi, Urdu

Academic Qualifications

Qualification	School/College	University/ Board	Year of Passing	Area/Branch/ Specialization/Subjects	%Marks/ Distinction
Ph.D.	Department of Mechanical Engineering, IIT, Delhi	Indian Institute of Technology (IIT), Delhi	2009	Droplet Combustion	-----
Ph.D. Course Work	-do-	-do-	2003	Convective Heat & Mass Transfer, Numerical Methods in Fluid Flow	A Grade 10/10 Grade Pt.
M.E.	PEC, Chandigarh	Panjab University, Chandigarh.	1998	Mechanical Engineering (Rotodynamic M/Cs)	72.26%
M.B.A	IGNOU, New, Delhi	IGNOU, New, Delhi	2001	Finance Management	72.0%
B.E.	G.Z.S College of Engineering & Technology, Bhatinda	Punjabi University, Patiala (Punjab)	1994	Mechanical Engineering	75.4% Degree with Distinction Position in University Merit List
Senior Secondary	R.S.D College, Ferozepur	Punjab School Education Board, Mohali (Punjab)	1990	Physics, Chemistry, Mathematics, English	77.33% (PCM)
Matriculation	H.M. Higher Secondary school, Ferozepur	-do-	1988	Science (Physics, Chemistry & Biology), Social study, Mathematics, Drawing, Hindi, English.	78.5%

Experience: Academic & Related Activities

Industry (1 Year)

July 1995 – July 1996 D C M Shriram Consolidated Limited, Kota, Rajasthan as Graduate Engineer Trainee

Teaching (20 Years)

July 1996-Till date S.B.S.S.T.C, Ferozepur

Courses Taught(Undergraduate Level)

B.Tech

Heat Transfer, Fluid Mechanics I & II, Applied Thermodynamics I & II, Mechanical Vibrations, Refrigeration & Air Conditioning

Courses Taught(Postgraduate Level, SBSSTC, FZR)

MBA

Organizational Development, International Human Resource Management, Material and Stores Management

M.Tech (Environment Engg., SBSSTC, FZR)

Combustion and Pollution

M.Tech(Chemical Engg., SBSSTC, FZR)

Advanced Fluid Mechanics, Convective Heat Transfer, Research Methodology

M.Tech(Mechanical Engg., NIT, Jalandhar)

Convective Heat and Mass Transfer

M.Tech(Mechanical Engg., SBSSTC, Ferozepur)

Computational Fluid Dynamics, Advanced Heat Transfer, Research Methodology

PhD Course Work

Research Methodology

Research

Ph. D. Numerical Studies on Multicomponent Droplets in Sub and Supercritical Environments

M.E. Thesis Exergy Analysis of 400, TPD, DCDA Sulphuric Acid Plant: A Case Study

ME Thesis Guided 15 (**Annexure-A**)

B.E. Projects Guided 20

PhD in Progress 10

Lab. Development

Fluid Mechanics Lab

Thermal Lab

Mechanical Measurement Lab

Responsibilities/Duties undertaken at University Level

1. External Examiner for Practical viva-voce
2. University Examination Paper Setter
3. Exams Supt./ Dy. Supdt, PTU Regular and Distance Education
4. Member Punjab University affiliated Engineering Colleges Moderation Committee, 1996 - 1998.

Responsibilities/Duties undertaken at Institution/Departmental Level

At Institute Level

1. Head of Department (2008-2013)
2. Hostel Warden (2008-09)
3. Dean PG Studies (2014-Till present)
4. TEQIP-II Nodal officer (2012-Till present)
5. Member Time Table Committee
6. Incharge Time table Committee

7. Chairman Pre-audit committee (2010-Till present)

8. Incharge ISTE Faculty Chapter

At Department Level

1. Teacher-in-charge, Training and Placement, Mechanical Engineering
2. Teacher-in-charge, Projects, Mechanical Engineering
3. Teacher-in-charge, Mechanical Vibration Lab
4. Incharge Academics

Projects Undertaken

1. File No. 8021/RID/NPROJ/MOD-481/2002-03

Date of Sanction 10.03.2003

Sanctioning Authority AICTE

Amt. Sanctioned Rs. 4,00,000-00

Equipment Procured : Computerized Twin Cylinder Four Stroke Diesel Engine Test Rig with Eddy Current Dynamometer

Status of Project : Completed Successfully

2. File No. 8024/RIFD/ MOD-263/2011-12

Date of Sanction 21.12.2011

Sanctioning Authority AICTE

Amt. Sanctioned Rs. 11,00,000-00

Equipment Procured : Modernization of CAD Lab

Status of Project : Completed Successfully

Publications

List Attached (Annexure B)

Professional Attainments

Area(s) of Interest

- Combustion, Diffusion flames, Numerical Methods in Heat transfer, CFD

Software Proficiency

- AUTOCAD (Drafting Software)
- FORTRAN & BASIC (Programming Languages)
- MAT Lab, ANSYS Mechanical & CFD

AICTE/ISTE/UGC Short Term Courses (Last Five Years)

List Attached (Annexure C)

Books published: 02 (Annexure D)

Membership of Professional Bodies

- Life Member of Indian Society of Technical Education (LM 28547)

Neel Kanth Grover

Annexure-A

Details of M. Tech. students guided

S.No.	Name	Year	Title
1	Mr Rajiv Arora	2008	Phase Equilibrium Prediction for Two Component Non Associating Mixture Using Equations of State
2	Mr Baljit Singh	2012	The Wear Behaviour of Detonation Sprayed Coatings on Grey Cast Iron
3	Mr Paramjit Singh Bhullar	2012	Creep Deformations in Functionally Graded Cylinders Subjected to High Thermo-Mechanical Loads
4	Mr Harjot Singh	2013	Enhancing wear Resistance of Grey Cast Iron using D-Gen Coatings
5	Mr Virat Khanna	2013	Steady State Creep in Rotating Thick Walled Composite Cylinders
6	Ms. Ra khi Vaish	2013	Analysis of Graetz Problem in Heat Exchangers
7	Mr Parampreet	2013	CFD Analysis Multi-Jet Air Impingement on a Flat Plate
8	Mr Tejinder Singh	2013	Analytical Analysis of Unsteady State Heat Transfer through Different Geometrical Configurations
9	Mr Amandeep Singh	2014	Effect of Cryogenic Treated Electrode on EDM output parameters
10	Mr Anmol Chatrath	2015	Transient Heat Transfer Through Different Geometries: An Analytical Approach
11	Mr Ankush Batta	2015	Surface Modification by Using Submerged Arc Welding
12	Mr Ajay Sharma	2015	Effect of Current and Cryogenic Treated Electrodes
13	Ms. Deepshikha	2015	Experimental Studies of Adsorption of Methylene Blue Dye on Fly ash Briquettes
14	Mr Gobind	2015	Effect of D-Gun Sprayed Alumina-Titania Coating on Wear Behaviour of Grey Cast Iron
15	Mr Rajinder Kumar	2015	Optimization of the Process Parameters of EDM Using a Response Surface Methodology

Annexure-B

(a) Publications in International Journals

S. No	Title	Co-Authors	Name of Journal	Volume & Year	Pages	Impact factor	ISSN No.
1.	Wear Properties of Cryogenic Treated Electrodes Machining Of EN-3 I	Amandeep Singh	Material Today : Proceedings, Elsevier	Vol. 2, 2015	1406-1413		2214-7853
2.	Process Optimization of Electric Discharge Machining Using Response Surface Methodology	Rajinder Kumar, Amandeep Singh	Applied Mechanics and Materials	Volume 813-814, 2015	393-397		1660-9336
3.	Weld Properties of Low Carbon Steel Using Shielded Metal Arc Welding	Amandeep Singh	Applied Mechanics and Materials	Vol. 813-814, 2015	486-490		1660-9336
4.	Effect of Current and Deep Cryogenic Treated EDM Electrodes on Surface Roughness of AISI D3 Steel	Amandeep Singh, Ajay sharma	Applied Mechanics and Materials	Vol.s 813-814, 2015	521-525		1660-9336
5.	Techniques of Measuring Wear for Bulk Materials and Advanced Surface Coatings	Gobind, Jwala Parshad	IOSR Journal of Mechanical and Civil Engineering	Vol.12 (2), 2015	101-106		e:2278-1684 p:2320-334X
6.	Recent Advancements in Thermal Spray Coatings	Rajiv Kumar Ranjan, Jwala Parshad	IOSR Journal of Mechanical and Civil Engineering	Vol.12 (2), 2015	107-110		e:2278-1684 p:2320-334X
7.	Tribological Investigation of Detonation Sprayed Al ₂ O ₃ , Al ₂ O ₃ -3TiO ₂ and Al ₂ O ₃ -13TiO ₂ Coatings on	Gobind. Jwala Parshad	International Journal " Advance Research in Science and Engineering	Vol.4(1) 2015	249-253		2319-8354

	Grey Cast Iron to Enhance its Wear Resistance						
8.	Enhancing Wear Resistance of Grey Cast Iron Using Al ₂ O ₃ , Al ₂ O ₃ -3TiO ₂ and Al ₂ O ₃ -13TiO ₂ Coatings	Gobind. Jwala Parshad	International Journal of Science Technology & Management	Vol.4(1) 20 15	1358-1 362		2394-1537
9.	Modern Proficiency in Thermal Spray Coatings to Enhance Wear Resistance of Material	Gobind, Jwala Parshad	IOSR Jorcnal of Mechanical and Civil Engineering	Vol.12 (2), 20 15	III-114		e. 2278-1684 p.2320-334X
10.	Improved Wear Resistance of Grey Cast Iron Using Detonation Grtn Sprayed Coatings: A Review	Gobind, Jwala Parshad	International Journal Engineering Management Research	Vol.5 (1), 20 15	303-307		e.250-0758p. 2394-6962
11.	A Study on Removal of Methylene Blue Dye From Waste Water by Adsorption Technique Using a Fly Ash Briquette	Deepshikha, Rajeev Garg,	International Journal of Engineering Research & Technology	vol. 3 (7), 2014	610-613		2278-0181
12.	Surface modification of EDM process using Carbon Nano tubes, A Review	Amandeep Singh, Parminderjit Singh	International Journal of Engineering Research and Development	Vol. 10 (7), 2014	63-68		e:2278-067X p:2278-800X
13.	A Study on Removal of Methylene Blue Dye From Waste Water by Adsorption Technique Using a Fly Ash Briquette	Deepshikha, Rajeev Garg,	International Journal of Chemical and Environmental Engineering	Vol 5 (4),2014	213-217		2078-0737

14.	Tribological Investigation of Detonation Sprayed Ni-Cr And Al ₂ O ₃ - 13TiO ₂ Coatings On Grey Cast Iron To Enhance Its Wear Resistance	Harjot Singh Gill, Jwala Parshad Singla	International Journal of Modern Engineering Research	Vol.2(4), 2012	1880-1882		2249-6645
15.	Comparison of Engine Performance of Mixed Jatropa and Cottonseed Derived Biodiesel Blends with Conventional Diesel	Lalit Sharma, Manvendra Bhardwaj Ishant Kaushal	International Journal on Emerging Technologies	Vol.3(1) 2012	29-32		e:2249-3255 p:0975-8364
16.	Structural Properties of Anode Composites Precursor of A Solid Oxide Fuel Cell Prepared Via Combustion Synthesis Route	Pankaj Kalra, Rajeev Garg, Ajay Kumar	Asian Journal of Engineering and Applied Technology	Vol.1(2), 2012	36-39		2249-068X
17.	Droplet Evaporation and Ignition at High Pressure		International Journal Advances in Thermal Sciences & Engineering	20 12	45-50		0976-6820
18.	Recent Advancement In Electric Discharge Machining, A Review	Amandeep Singh, Rakesh Kumar	International; Journal of Modern Engineering Research	Vol.2(5), 2012	3815-3821		2249-6645
19.	Wear Behavior of GI 250 Grade of Grey Cast Iron Coated by WS—12CO and Stellite-6 Coatings	Baljit Singh, Jwala Parshad Siiigla	International; Journal Modern Engineering " Research	Vol.2(5), 2012	3232-3236		2249-6645
20.	Numerical Studies on	Rajiv Arora, Anjan Ray,	International Journal	Vol. 1(2),	1 33-137		0976-

	Droplet Evaporation at High Ambient Pressures & Temperatures	S R Kale	Advances in Thermal" Sciences & Engineering	20 10			6820
21.	Computational Studies on Droplet Evaporation at High Ambient Pressures and Temperatures		Apeejay Journal of Computer Science and Applications	2010, special edition	51-54		0974-5742
22.	Evaporation of a Hydrocarbon Fuel in a High Pressure Environment		International Journal of Industrial Engineering and Technology	Volume 2(1), 2010	335-342		0974-3146

(b) Publications in International Conferences

Sr	Title	Co-authors	Name of Conference	Date/Year	Impact Factor	ISSN No.
1	Comparative Study of Cubic Equation of State for Predicting Phase Behaviour of N -Heptane-Nitrogen Systems	Rajiv Arora, Rajeev Garg, Amritpal Toor	6th International conference on combustion, incineration / pyrolysis and emission control, Legar Putra, Putra Word Trade Centre, Kualalumpur, Malaysia	July 26-29, 2010		
2	Simulation of Thermodynamics Properties for n-Heptane — Nitrogen Mixture at Equilibrium”, International Conference on Emerging Trends in Technology & Education	“	Sri Sukhmani Institute of Engineering & Technology, Dera Bassi, Punjab,	April 15-16, 2010		
3	Numerical Studies on Droplet Evaporation at High Ambient Pressures and Temperatures	Rajiv Arora	4th International Conference on Advances in Mechanical Engineering, SVNIT, Surat	September 23-25, 2010		
4	Simulation of		2nd International	Decemb		978-81-

	Evaporation of a Fuel Droplet in High Pressure Environment		Conference on Production and Industrial Engineering, B R Ambedkar National institute of Technology, Jalandhar	er 3-5, 2010		920453-0-6
5	Renewable Energy Resources in India: Sustainable Development Through Eco-Friendly Approach		International Conference on Business Ethics and Human Values, Punjab University, Chandigarh	December 23, 2010		
6	Biofuels in India: Current status and Future Potentials	Rajiv Arora	International Conference on renewable Energy, Center for Non-Conventional Energy Resources, University of Rajasthan, Jaipur	January 17-21, 2011		
7	Computational Studies on Droplet Evaporation at High Ambient Pressures and Temperatures		International conference on Communication and Computing Technologies, Apeejay College of Fine Arts, Jalandhar	February 25-26, 2011		
8	Hydrocarbon Liquid Droplet Evaporation and ignitions studies at Higher Pressures		International Conference on Emerging Trends in Mechanical Engineering, Thaper University, Patiala	Feb. 24-26, 2011		
9	Review Paper on Enhancing the Wear Resistance of Grey Cast Iron Using D-Spray Process	Harjot Singh Gill, Jaxvala Parshad	International Conference on Advanced Research in Mechanical Engineering, Trivendrum	May 13, 2012		978-93-81693-59-9
10	Structural Properties of Anode Composites Precursor of A Solid Oxide Fuel Cell Prepared Via Combustion Synthesis Route	Pankaj Kalra, Rajeev Garg, Ajay Kumar	International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering, Punjab Technical University, Kapurthala	October 5- 7, 2012		

11	Analysis of Wear Properties of Detonation Sprayed Coatings on Grey Cast Iron	Baljit Singh, Jwala Parshad Singla	International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering, Punjab Technical University, Kapurthala	October 5-7, 2012		
12	Effect of Various Alloying Elements on SMAW Electrode Performance, A Survey	Amandeep Singh, Manoj Kumar Kushwaha	International Conference on Frontiers in Materials Research & Applications, Shaheed Bhagat Singh State Technical Campus, Ferozepur,	October 30-31, 2014		978-93-83842-71-1
13	A Survey of Various Modelling Techniques Used in EDM	Rajinder Kumar, Amandeep Singh	International Conference on Frontiers in Materials Research & Applications, Shaheed Bhagat Singh State Technical Campus, Ferozepur,	October 30-31, 2014		978-93-83842-71-1
14	Advanced Materials for a Solid Oxide fuel Cell	Pankaj Kalra, Rajeev Garg, Ajay Kumar	International Conference on Frontiers in Materials Research & Applications, Shaheed Bhagat Singh State Technical Campus, Ferozepur,	October 30-31, 2014		978-93-83842-71-1
15	Modelling of Solid Oxide Fuel Cell	Pankaj Kalra, Rajeev Garg, Ajay Kumar	International Conference on Frontiers in Materials Research & Applications, Shaheed Bhagat Singh State Technical Campus, Ferozepur,	October 20 14.		978-93-83842-71- I
16	A Study on the Applications and Parameters of Lumped Model	Anmol Chatrath, Amandeep Singh	International Conference on Frontiers in Materials Research & Applications, Shaheed Bhagat Singh State Technical Campus, Ferozepur,	October 30-31, 2014		978-93-83842-71- 1
17	Analysis of En-31 Surface Characteristics Produced by Cryogenic Treated EDM Electrodes	Amandeep Singh	International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering, I. K. G Punjab Technical University,	October 16- 18, 2014		

			Kapurthala			
18	Simulation of Evaporation of a Fuel droplet in High Pressure Environment	Rakesh Kumar, Rajiv Arora	International Conference on Recent Advances in Mechanical engineering and Interdisciplinary Developments, Pnonjesley Col lege of engineering, Nagercoil, Tamilnadu	March 07-08, 2014		978-93-80609-17-1
19	Transient Heat Transfer Solution Using Improved Lumped Model	Anmol Chatrath	International Conference on Mechanical and Manufacturing Engineering, Sri Chandrasekharendra Saraswathi Viswa Mahavidj alaya, Enathur, Kanchipuram - 631561 Tamilnadu	April 2-3, 2015		
20	Weld properties of Low carbon steel using Shielded Metal Arc Welding	Amandeep Singh	International Conference on Mechanical and Manufacturing Engineering, Sri ChaiadraxeKharendra Saraswathi Viswa Mahavidyalava, Enathur, Kanchipurarn – 631561, Tamilnadu	April 2-3. 2015		
21	Enhancing Wear Resistance of Grey Cast Iron Using Al ₂ O ₃ , Al ₂ O ₃ -3TiO ₂ and Al ₂ O ₃ -13TiO ₂ Coatings	Gobind, Jwala Parshad	International Conference on Recent Trends n engineering Science and Management. Jawaharlal Nehru University, Next' Delhi	March 25, 20 15		978-81-931039-2-0
22	Tribological Investigation of Detonation Sprayed Ni-Cr And Al ₂ O ₃ - 13TiO ₂ Coatings On Grey Cast Iron To Enhance Its Wear Resistance	Gobind, Jwala Parshad	International Conference on Emerging Trends in Technology, Science and Upcoming Research in Computer Science, DAVJM, Faridabad	April 25, 20 15		978-81-931039-3-7
23	Effect of current and Deep Cryogenic Treated EDM	Ajay Sharma, Amandeep Singh	International Conference on Mechanical and Manufacturing	April 2-3, 2015		

	electrodes on surface roughness of AISI D3 steel		Engineering, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Enathur, Kanchipuram - 631561 Tamilnadu,			
24	Process Optimization of Electric Discharge Machining Using Response Surface Methodology	Rajinder Kumar	International Conference on Mechanical and Manufacturing Engineering, Sri Chaiadrashchekharendra Saraswathi Viswa Mahavidyalaya, Enathur, Kanchipuram - 631561 Tamilnadu,	April 2-3, 2015		

(c) Publications in National Conferences

Sr	Title	Co-authors	Name of Conference	Date/Year	Impact Factor	ISSN No.
1	Calculation of Thermo physical properties of n-Heptane & Nitrogen mixture using vapor liquid equilibrium	Rajiv Arora, Rajeev Kumar Garg	National conference on Global Trends in Mechanical Engineering 2010", Rayat & Bahra Institute of Engineering & Bio-technology, Mohali	April 16- 17, 20 10		
2	Detonation Sprayed Wear Resistance Coatings-A Reviews	Baljit Singh Bhullar, Jwala Parshad Singla	National Conference on Advances in Manufacturing Technology (NCAMT 2012). NITTTR, Chandigarh	March 15-16, 2012		
3	Various Research Trends in Electric Discharge Machining	Amandeep Singh, Rakesh Sharma	National Conference on Advances in Manufacturing Technology (NCAMT 2012), NITTTR, Chandigarh	March 15-16, 2012		
4	Surface Modification of EDM Process Using Cryogenic	Amandeep Singh, Rakesh Sharma	TEQIP-II Sponsored National Conference on	Feb 13-14, 2014		

	Treatment		Latest Developments in Materials, Manufacturing and Quality Control, GZSCET, Bathinda			
5	A review of the Effect of Cryogenic Treatment on the Performance of EDM	Ajay Sharma, Amandeep Singh	National Conference on Advances in Manufacturing Systems, Shaheed Bhagat Singh State Technical Campus, Ferozepur	September 05-06, 20 14		978-93-83842-92-6
6	Effect of Various Parameters on Electric Discharge Machining	Rajinder Kumar Amandeep Singh	National Conference on Advances in Manufacturing Systems, Shaheed Bhagat Singh State Technical Campus, Ferozepur	September 05-06, 20 14		978-93-83842-92-6
7	Enhancement of EDM Surface Characteristics Using Carbon Nano- Tubes as Dielectric-A Review	Amandeep Singh, Rakesh Sharma	National Conference on Advances in Manufacturing Systems, Shaheed Bhagat Singh State Technical Campus, Ferozepur	September 05-06, 20 14		978-93-53842-92-6
8	Friction Stir Welding and its Future Perspectives	Avtar Singh, Vinod Kumar	National Conference on Advances in Manufacturing Systems, Shaheed Bhagat Singh State Technical Campus, Ferozepur	September 05-06, 20 14		978-93-83842-92-6
9	Effect of Various Parameters on Electric Discharge Machining	Rajinder Kumar Amandeep Singh	National Conference on Advances in Manufacturing Systems, Shaheed Bhagat Singh State Technical	September 05-06, 20 14		978-93-83842-92-6

			Campus, Ferozepur			
10	Recent Advances in Friction Welding	Lakhwinder Singh Dhaliwal, Vikas Cl awla	National Conference on Advances in Manufacturing Systems, Shaheed Bhagat Singh State Technical Campus, Ferozepur	September 05-06, 20 14		978-93- 83842- 92-6
11	Heat Affected Zone of Submerged Arc Welding Process Through Digital Image Processing	Ankusla Batta, I K Aggarwal, Gobind	National Conference on Advances in Manufacturing Systems, Shaheed Bhagat Singh State Techniaical Campus, Ferozepur	September 05-06, 20 14		978-93- 83842- 92-6
12	Effectiveness of Al ₂ O ₃ -13TiO ₂ and Ni20Cr Coatings on Grey Cast Iron for Improving Wear Resistance	Gobind, Jwala Parshad, Rajnesh Kumar	National Conference on Advances in Manufacturing Systems, Shaheed Bhagat Singh State Technical Campus, Ferozepur	September 05-06, 2014		978-93- 53842- 92-6

Annexure-C

Books / Monographs written

S.No.	Name	Co-Authors, if any	Year	Publisher
1	Mechanical Vibrations ISBN 978-81-922094-8-7	Nil	2012- 13	PBS Publishers, Jalandhar
2	Steady State Creep In Rotating Thick Walled Cylinders ISBN-13: 978-3659712036	Dr Tejeet Singh, Mr Virat Khanna	2014-15	Lambert Publishers. Germany
3	Frontiers in Material Research & Applications, Conference Proceedings, ISBN No. 978-9383842-92-6	Dr Rajeev Garg, Ms Parampreet Kaur	2014-15	Excel India Publishers, New Delhi
4	Advances in Manufacturing Systems, Conference Proceedings, ISBN No. 978-	Dr Rakesh Kumar	2014-15	Excel India Publishers,

Annexure-D

Seminars/Short Term Courses/Summer Schools/Winter Schools attended

Sr	From	To	Institute	Sponsored By	Name of Course
1	25-May-2015	05-June-2015	Shaheed Bhagat Singh State Technical Campus, Ferozepur	AICTE, New Delhi & TEQIP-II	Research Techniques
2	30-Sept-2013	05-October-2013	Shaheed Bhagat Singh State Campus. Ferozepur	TEQIP-II	Futuristic Materials
3	23-Sept-2013	27-Sept-2013	Shaheed Bhagat Singh State Technical Campus, Ferozepur	TEQIP-II & NITTTR, Chandigarh	Strengthening Industry Institute Interaction
4	02-September-2013	06-September-2013	Shaheed Bhagat Singh State Technical Campus, Ferozepur	TEQIP-II	Soft Skills For Technical Teachers
5	22-July-2013	26-July-2013	Innovent Engineering Solutions Pvt Limited. Banglore	TEQIP-II	ANSYS CFD
6	14-June-2013	15-June-2013	National Productivity Council, Jaipur	TEQIP-II	Managerial Effectiveness, Focus: Cost Management
7	06-May-2013	17-May-2013	Shaheed Bhagat Singh State Technical Campus, Ferozepur	AICTE, New Delhi	Nature Inspired Computational Intelligence
8	17-December-2012	21-December-2013	Shaheed Bhagat Singh State Technical Campus. Ferozepur	TEQIP-II	Engineering Materials
9	03-December-2012	07-December-2012	Shaheed Bhagat Singh State Technical Campus, Ferozepur	TEQIP-II	Research Methodology
10	26-November-2012	30-November-2012	Shaheed Bhagat Singh State Campus. Ferozepur	TEQIP-II	Applied Soft Computing
11	11-June-2012	22-June-2012	PEC University of Technology, Chandigarh	AICTE/TEQIP-II	Recent Advances in Mechanical Engineering
12	05-June-2012	06-June-2012	IET, Lucknow	TEQIP-11	Web-Based Management System
13	21-May-2012	01-June-2012	Shaheed Bhagat Singh State Technical Campus, Ferozepur	AICTE, New Delhi	Multi-Criteria Optimization Tools in Research
14	10-October-2011	21-October-2011	NITTTR, Chandigarh	NITTTR, Chandigarh	Refresher Course in Mechanical Engineering

15	04-July-2011	15-July-2011	Shaheed Bhagat Singh State Technical Campus, Ferozepur	AICTE, New Delhi	Intelligent Computational Techniques
16	12-July-2010	23-July-2010	DAV Institute of Engineering & Technology, Jalandhar	AICTE, New Delhi	Embedded System and VLSI Design in Robotics
17	28-June-2010	02-July-2010	Indian Institute of Technology, Roorkee	QIP Center, IIT Roorkee	Tools and Techniques of Computational Fluid Dynamics
18	31-May-2010	11-June-2010	DAV Institute of Engineering & Technology, Jalandhar	AICTE, New Delhi	Strategies for Implementing TQM & ISO
19	04-February-2010	10-February-2010	Indian Institute of Technology, Delhi	QIP Center, HT Delhi	Alternative Sources of Energy