

LIST OF SHORT TERM COURSES & WORKSHOPS ATTENDED BY ECE DEPARTMENT FACULTY :-

From 2012-13

- 1) A short term training programme on “**STRENGTHENING RESEARCH METHODOLOGY**” was conducted by Entrepreneurship Development & Industrial Coordination Department, NITTTR, Chandigarh from **14.05.2012 to 18.05.2012** at Guru Nanak Dev Engineering College Ludhiana, Punjab. The Faculty members from ECE department those who have attended this STC are:-Dr. S.S Gill ,Prof. Narwant Singh Grewal ,Prof. Baljeet Kaur, Prof. Chahat Jain,Prof. Rohin Gupta ,Prof. Gurjot Kaur Walia,Prof. Navneet kaur,Prof. Harminder Kaur,Prof. Shyna Kalra and Prof. Gurpurneet Kaur
- 2) Prof. Baljeet Kaur has attended Faculty Development Programme on “**OPTICAL AND WIRELESS SYSTEMS AND NETWORKS**” sponsored by Punjab Technical University , Kapurthala from **28 .05.2012 to 1 .06.2012** at CT Institute of Engineering Management & Technology, Shahpur ,Jalandhar
- 3) Prof Narwant Singh Grewal & Prof Rohin Gupta have attended one week STC Program on “**RECENT ADVANCES IN GENETIC ALGORITHMS AND THEIR APPLICATIONS IN ENGINEERING DESIGN**” organized by the department of Mathematics & Paper Technology, Indian Institute of Technology, Roorkee under Quality Improvement Program from **25 .06.2012 to 29 .06.2012**.
- 4) Prof Nirmal Singh Grewal , Dr. Sandeep Singh Gill, Prof Balwinder Singh Dhaliwal, Dr. Munish Rattan and Prof Gurpurneet Kaur have attended Workshop on “**E-Governance**” conducted by TCS on 14th August,2012 in Testing and Consultant Cell at Guru Nanak Dev Engineering College, Ludhiana from 2 to 3 pm..
- 5) Prof Balwinder Singh have attended one week STC Program on “Antenna and Microwave: Learning through experimentation” at NITTTR, Chandigarh from 27.08.2012 to 31.08.2012.
- 6) Prof Balwinder Singh have attended National Symposium on “**Antenna and Propagation**” at Cochin, University, Cochin (Kerala) from 17.12.2012 to 19.12.2012.

- 7) All faculty members of ECE department have attended one week STC Program on **"Induction Training Programme through ITC"** in collaboration with NITTTR, Chandigarh held at GNDEC, Ludhiana from February 04,2013 to February 08,2013
- 8) Prof Navneet Kaur,Prof Gurpurneet Kaur and Prof Rohin Gupta have attended three days Workshop on **"National Workshop on Engineering Applications for Sustainable Development (EASD-13)"** from February 15,2013 to February 17,2013 under TEQIP-II in ECE department, NIT Hamirpur.
- 9) Prof Chahat Jain and Prof Shyna Kalra have attended one day workshop on **"National Workshop On Utilization Of Engineering Standards"** organized by Mechanical Engg. Department GNDEC in collaboration with BIS(Bureau of Indian Standards) on February 14,2013
- 10)TEQIP sponsored institutional academic workshop on 25.04.2013 one day
- 11)Prof. Narwant Singh Grewal ,Dr. Munish Rattan , Prof. Chahat Jain, Prof. Gurjot Kaur Walia,Prof. Navneet kaur,Prof. Harminder Kaur and Prof. Gurpurneet Kaur have attended Faculty Development Program under TEQIP-II on **Recent Advancements in Manufacturing Technology** from 10th June to 21st June 2013 organized by Department of Production Engineering at Guru Nanak Dev Engineering College, Ludhiana.
- 12)Prof. Ameeta Seehra, Dr. Munish Rattan, Prof. Harminder Kaur and Prof. Gurpurneet Kaur has attended one day workshop on **" Zigbee and Wireless Sensor Networks"** on 13-09-13 by RD engineers from Sciencetech Technology, Indore.
- 13)Dr. Munish Rattan and Prof. Narwant Singh has attended course from 29.07.2013 to 03.08.2013 on **Computational Tools for Engineers** in GNDEC Ludhiana TEQIP Sponsored.
- 14)Dr. Munish Rattan and Prof. Narwant Singh has attended course from 22.07.2013 to 26.07.2013 **on Finite Element Methods to solve Engineering Problems** in GNDEC Ludhiana TEQIP Sponsored.
- 15)Prof. Baljeet Kaur has attended one day STC on **"Enhancing Leadership Skills"** TEQUIP sponsored held at GNDEC, Ludhiana on **16 September, 2013**.

BEFORE 2012

KANWALJIT SINGH

1. One day AICTE sponsored workshop on “*Intellectual Property Right And Patenting*” held on March 3, 2006 in G.N.D.E.C, Ludhiana.
2. One week AICTE-ISTE sponsored program on “*VLSI Circuits Design Using VHDL*” from June 21-26, 2004 in G.N.D.E.C, Ludhiana.
3. Two days AICTE-ISTE sponsored training program on “*Advanced Communication Systems*” from 19-02-2004 to 20-02-2004.
4. One week short term training program on “*Quality Assurance In Technical Education*” conducted by NITTTR, Chandigarh at GNDEC Ludhiana from 20-06-2004 to 02-07-2004.
5. Two weeks AICTE-ISTE sponsored winter school on “*Optical Fiber Technology And Applications*” from Dec 9-21, 2002 in G.N.D.E.C, Ludhiana.
6. Two weeks AICTE-ISTE sponsored program on “*Micro controllers And Its Applications*” in Dec, 1999 at G.N.D.E.C, Ludhiana.
7. Two weeks AICTE-ISTE sponsored program on “*Non-conventional Refrigeration And Cryogenic Technology*”, from July 21, 1999 to 03 Aug, 1999 in G.N.D.E.C, Ludhiana.
8. “*Resource planning, knowledge management and e-commerce in India*” Challenges at GNDEC, Ludhiana on 4th Feb, 2000
9. Coordinator of “*DSP-Concepts and Applications*” organized at GNDEC, Ludhiana from 18th Dec to 2nd Dec, 06.
10. AICTE sponsored Program on “*Innovation and Creativity*”, organized at GNDEC, Ludhiana by NITTTR, Chandigarh from 15 July, 08 to 20 July, 08.

AMEETA SEEHRA

1. AICTE-ISTE sponsored STTP On “*Micro controller and their Industrial Applications*”, Dec 20-31, 1999, GNDEC, Ludhiana.
2. Coordinator of AICTE-ISTE sponsored STTP On “*Applied Electronics Instrumentation*” June 19-30, 2006 at GNDEC, Ludhiana.
3. QIP sponsored STTP of one week On “*Knowledge management for effective teaching*” at IIT, Roorkee from 26th June to 30th June, 2006.
4. AICTE-ISTE sponsored STTP On “*Mechatronics*” 2000 at GNDEC, Ludhiana.
5. AICTE-ISTE s sponsored STTP On “*Human values in technical education*” IET Bhaddal from 22nd-26th March, 2002.
6. . AICTE-ISTE sponsored STTP On “*Total Quality Management in technical education*” at GNDEC, Bidar from 5th-7th June, 1998.
7. .Short term training program On “*Quality Assurance in technical education*” conducted by NITTTR, Chd at GNDEC, Ldh on 20th June to 2nd July, 2004.
8. Awareness Course On “*Computer & Technical Computing Environment*”, at GNDEC, Ldh from May 6-10, 1996.
9. Short term training course on “*Telematics*” at Indian Institute of science, Bangalore from 02-12 Aug, 1994 sponsored by HRD.
10. One Day Workshop on “*Recent Advances in Power System Protection*” held on Dec. 07, 2007 at GNDEC, Ludhiana.

Sandeep Singh Gill

- ISTE-AICTE sponsored STTP on 'Microcontrollers and their industrial applications', Dec. 20-31, 1999, ECED, GNDEC, Ludhiana.
- ISTE-AICTE sponsored STTP on 'Applied Electronics Instrumentation', Jun. 19-30, 2000, ECED, GNDEC, Ludhiana.
- Course on 'Computer Simulation for Electronic circuit and systems Design', April 17-18, 2000, ECED, REC, Jalandhar.
- 10 day CNE NW5-Instructors training program, Novell Netware Training Centre, Pune, June, 2000.
- ISTE-AICTE sponsored STTP on 'Optical fiber-Technology and its applications', Dec. 9-21, 2002, ECED, GNDEC, Ludhiana.
- ISTE-AICTE sponsored STTP on 'VLSI circuits design using VHDL', June 21-26, 2004, ECED, GNDEC, Ludhiana. **(Co-coordinator)**.
- Workshop on 'Virtual instrumentation', National Instruments, Bangalore, July 13-14, 2004, BBSEC, Fatehgarh Sahib.
- ISTE-AICTE sponsored STTP on 'Bioinformatics: Principles, methods & applications for Healthcare', Jul. 19-23, 2004, CSED, GNDEC, Ludhiana.
- TEQIP sponsored STTP on 'VLSI Design & Optimization Techniques', (VDOT-06), Jan. 5-9, 2006, ECED, NIT, Hamirpur.
- STTP on 'Innovation and Creativity Development', Jul. 14-18, 2008, NITTTR, GNDEC, Ludhiana.
- STTP on 'ANN and Optimization in Video Applications', Nov. 25-28, 2008, NITTTR, ECED, GNDEC, Ludhiana.
- AICTE sponsored STTP on 'Understanding soft computing and its Applications', Jan. 6-10, 2009, NITTTR, ECED, GNDEC, Ludhiana.

- STTP on 'Educational auditing & feedback system for excellence in Technical Institutions', Jan. 12-16, 2009, NITTTR, GNDEC, Ludhiana.
- AICTE sponsored winter school on 'MATLAB and its applications in Engineering', (MAT-09), Dec. 18-22, 2009, EED, NIT, Hamirpur.
- STTP on 'New initiatives and Directions in Entrepreneurship & management', Mar. 18-20, 2010, MBA Deptt., GNDEC, Ludhiana.
- AICTE sponsored STTP on 'Capital markets and financial instruments', Dec. 2-16, 2011, MBA Deptt., GNDEC, Ludhiana.

Narwant Singh

1. One week AICTE-ISTE sponsored summer school "*Artificial Neural Networks & Fuzzy Control: Concepts & Application*" from June 19-25, 2006 in G.N.D.E.C, Ludhiana.
2. One week short term training program on "*VLSI Circuits Design & Optimization Techniques*" under TEQIP from June 05-09, 2006 in NIT Hamirpur.
3. One day AICTE sponsored workshop on "*Intellectual Property Right And Patenting*" held on March 3, 2006 in G.N.D.E.C, Ludhiana.
4. One week AICTE-ISTE sponsored program on "*VLSI Circuits Design Using VHDL*" from June 21-26, 2004 in G.N.D.E.C, Ludhiana.
5. Two weeks AICTE-ISTE sponsored winter school on "*Optical Fiber Technology And Applications*" from Dec 9-21, 2002 in G.N.D.E.C, Ludhiana.
6. "National Seminar on Digital Signal Processing", sponsored by AICTE , held at Shiv Shankar Institute of Engineering & Technology , Patti from June 23-24, 06.
7. "Advances in Digital Signal ,Image & Video Processing" , sponsored by AICTE – MHRD , two week summer school at NITTTR , Chandigarh , from 23 June, 08 to 04 July, 08.
8. AICTE sponsored Program on "Innovation and Creativity", organized at GNDEC ,

Ludhiana by NTTTR, Chandigarh from 15 July,08 to 20 July,08.

9. MHRD sponsored FDP on “ANN and Optimization in Video Application” organized at GNDEC, Ludhiana from Nov 25-28, 2008 (One Week).
10. MHRD sponsored FDP on “Understanding Soft Computing And Its Applications”, organized at GNDEC, Ludhiana from January 06-10, 2009 (One Week).

Balwinder Singh Dhaliwal

1. Two weeks AICTE-ISTE sponsored winter school on “*Optical Fiber Technology and Applications*” from Dec 9-21, 2002 in G.N.D.E.C, Ludhiana.
2. Two weeks summer school on “*Multimedia Technology*” at TTTI, Chandigarh from 30-06-2003 to 11-07-2003
3. Two week AICTE-ISTE sponsored winter school on “*Digital Signal processing And Its Applications*” at SLIET, Longowal from 22-12-2003 to 02-01-2004.
4. One week AICTE-ISTE sponsored program on “*VLSI Circuits Design Using VHDL*” from June 21-26, 2004 in G.N.D.E.C, Ludhiana.
5. One week short term training program on “*Quality Assurance In Technical Education*” conducted by NITTTR, Chandigarh at GNDEC Ludhiana from 20-06-2004 to 02-07-2004.
6. One week short term training program on “*Digital Signal Processing*” at NITTTR, Chandigarh from 03-10-05 to 07-10-2005.
7. One Day Workshop on “*Digital Signal Processing*” At DAVIET, Jalandhar on 07 Sept. 2006.
8. “Advances in Digital Signal ,Image & Video Processing” , sponsored by AICTE – MHRD , two week summer school at NITTTR , Chandigarh, from 23 June,08 to 04 July,08.
9. Two weeks AICTE-MHRD sponsored summer school on “Recent trends in Antenna Technology” , from 28 July,08 to 08 Aug ,08 , organized by NITTTR , Chandigarh at KIIT-University ,Bhubaneswar , Orissa.

Dr. Munish Rattan

1. One day AICTE sponsored workshop on "*Intellectual Property Right and Patenting*" held on March 3, 2006 in G.N.D.E.C, Ludhiana.
2. ISTE Sponsored Short Term Training Program on "Digital Signal Processing: Concepts and Applications", from Dec. 18-22, 2006.
3. ISTE Sponsored Short Term Training Program on "Artificial Neural Networks and Fuzzy Control: Concepts and applications", from June 19-25, 2006.
4. STP on "ANN and Optimization in Video Application", from Nov. 25-28, 2008, conducted by NITTTR Chandigarh.
5. STP on "Innovation and Creativity development" from July 14-18, 2008, conducted by NITTTR Chandigarh.
6. STP on "Embedded System Design using MSP430", from April 15-17, 2005, conducted by Gill Instruments, Bangalore.
7. STP on "Entrepreneurship Awareness" from Oct. 21-23, 2008, conducted by Science and Technology Entrepreneur's Park, Ludhiana.
8. Course on Student Evaluation Organized by NITTTR Chandigarh from 25-29 July, 2011.
9. Course on Research Methodology Organized by PTU Jalandhar, 11-15 July, 2011.
10. **Course on Ground Improvement** and **Ground Control** including Waste. Containment organized by GNDEC Ludhiana AICTE Sponsored , 22.12.2011 to 05.01.2012.
11. Course on Capital markets and financial instruments organized by GNDEC Ludhiana AICTE Sponsored, from 02-16 dec 2011.

Baljeet Kaur

1. One week AICTE Sponsored STTP On "*Digital Signal Processing: Concepts and Applications*".
2. One day AICTE sponsored workshop on "*Six Sigma and Lean Manufacturing; evolutionary Tools for World Class Manufacturing*" held on July 12, 2006 at GNDEC Ludhiana.

3. ISTE Sponsored One week STTP on “*Advanced Computational Tools for Engineers*” held on June 25 – July 01, 2007 at GNDEC Ludhiana.
4. One Day workshop on “*Recent Advances in Power System Protection*” held on Dec. 07, 2007 at GNDEC, Ludhiana.
5. AICTE sponsored Program on “Innovation and Creativity”, organized at GNDEC, Ludhiana by NTTTR, Chandigarh from 15 July,08 to 20 July,08.
6. One week FDP on **Student Evaluation** Organized by NITTTR Chandigarh from 25-29 July, 2011.
7. One week FDP on **Research Methodology** Organized by PTU Jalandhar, 11-15 July, 2011.