

## M.S Ramaiah University of Applied Sciences

### DIRECTORATE OF TRAINING & LIFELONG LEARNING

#### Proficiency Programme

Batch No	Name of the Modules	Organizing Date	No of Delegates	Delegate Sponsoring Organization
1	a) VHDL b) DSP c) CAE	17 <sup>th</sup> September to 26 <sup>th</sup> October 2001	26	ADE, BHEL, BEL, Ministry of Power, ISRO (Peenya), ISRO (HQ), ISRO, HAL, WIPRO, Batliboi, IISc, and MSRIT students.
2	a) VHDL b) Control system c) DSP d) CAE	10 <sup>th</sup> December 2001 to 25 <sup>th</sup> January 2002	37	ADA, LEOS, HAL, ISAC, Dynaspede, Aspect Development, BEL, GTRE, IISc, ISRO, MSRIT, BMS Engineering College, and students.
3	a) CAE b) Oracle 8i c) VHDL d) Basic Of Microprocessor e) Image Processing f) Design & Manufacturing	15 <sup>th</sup> April to 27 <sup>th</sup> May 2002	38	MICO, LEOS, IISc, Sasken, BITS Ltd, Strategi Automation, ADE, RVCE, INETTRAME, K.H.M.D.Ltd ETA Technology, MSRIM, MSRIT, BIT, SIRMVIT, PESIT, Malnad College,
4	a) Mechanical Vibration with Matlab b) Robotics & Industrial Automations c) Embedded Java d) Linux Internals e) Neural Networks & Fuzzy Systems a) Analog & Mixed Signal Design b) Embedded Java c) Linux Operating Systems d) QNX – RTOS e) Value Engineering f) Cutting Tools	22 <sup>nd</sup> July to 02 <sup>nd</sup> September 2002	37	REVA Electric Car Company, ADE, GERB, Synthesis, Raman Research Institute, Kohler, TVS Motors Ltd, ADA, Ramp Technologies, Rockwell Automation, IISc, Altair Engineering Pvt Ltd, Saturday Technologies, ITC InfoTech Pvt Ltd, NCST, Macmillan, MSRIT, and Students from varies Engg College.
5	a) Analog & Mixed Signal Design b) Embedded Java c) Linux Operating Systems d) QNX – RTOS e) Value Engineering f) Cutting Tools	04 <sup>th</sup> November to 20 <sup>th</sup> December 2002	36	BEL, Satyam Computers Ltd, Rockwell Automation, TEDE, Easi Technologies, L&T, ADA, ACWA Automatics, Ingersoll Rand, Arvind Meritor, Concorde Motors, and Students.
6	a) C F D b) VHDL & FPGA Design c) ARM Processor d) MultiMate Signal Processing	17 <sup>th</sup> March to 05 <sup>th</sup> May 2003	53	ADE, NAL, BEL, Honeywell, Reva Electric Car Co, MSRIT, Vivekananda Institute of Technology and Students from different Engineering Colleges.

7	a) Advanced Manufacturing Process & Materials b) Software Engineering c) Introduction to Micro & Nano Technologies d) Introduction to Product Design e) Mathematical methods, Applied Probability and Stochastic Processes	2 <sup>nd</sup> June to 27 <sup>th</sup> June 2003	14	ADA, ADE, GTRE, Reva Electric Car Co, Delphi Automotive, Silver Software, Honeywell, and Faculties from different Engineering Colleges.
8	a) Control Systems using Matlab b) 8051 Micro controller Programming c) VLSI DSP Structures d) Project Management	2 <sup>nd</sup> July to 30 <sup>th</sup> July 2003	27	ADE, ISAC-ISRO, MICO, Reva Electric Car Co, Impact Safety Glass Works, Legerity, BBS Electronics, SJCIT, MVJ College of Engineering, Students from Various Engineering Colleges.
9	a) RTOS & VxWorks b) Embedded Linux c) VHDL & FPGA Design	6 <sup>th</sup> October to 4 <sup>th</sup> December 2003	55	ISTRAC, NAL, CAIR, LRDE, BEL, C-DOT, CG Smith Software P Ltd, CCS, Corium Medical Technology, RassIT, NTTF, APS College of Engineering & Students from Various Engineering Colleges.
10	a) ARM Processor	19 <sup>th</sup> January to 06 <sup>th</sup> March 2004	12	ADE, BEL, CAIR, NTTF & Students from Various Engineering Colleges.
11	a) Advanced Computer Architecture b) Analysis & Design of VLSI circuits c) Network applications & Protocols d) Computer Aided Engineering e) Manufacturing Processes in MEMS f) Rotor Dynamics & Vibration of Machinery	5 <sup>th</sup> May to 6 <sup>th</sup> June 2004	32	ADE, NAL, LRDE, SITAR, BEL, Delphi Automotive, Infosys, Nikkel India Pvt Ltd, Ingersoll Rand, Meritor LVS (I) Pvt Ltd, L&T Komatsu Ltd, Easi Technologies ECM Data Storage, KPTCL, Tritan Computer Centre, NTTF, and students from Engineering Colleges
12	a) Software Engineering b) Principles of Turbo Machinery c) Introduction to Product Design d) Computer Aided Engineering e) Introduction to Micro and Nan Technologies	31 <sup>st</sup> May to 30 <sup>th</sup> June 2004	18	LRDE, Autoliv IFB, Triveni Engineering & Industries Ltd, IISc, NTTF, Students from Engineering Colleges, Student after passing SSLC.
13	a) ASIC Design b) RF & Microwave Systems c) Computational Fluid Dynamics d) Reverse Engineering & Rapid Prototyping e) Microcontroller & Interfacing Techniques	28 <sup>th</sup> June to 26 <sup>th</sup> July 2004	17	BEL, ADE, NAL, Genesis Microchip, Nikkel India Pvt ltd, SITAR, Hewlett Packard, SKF Bearings, National Institute of Design (NID), GE Power Systems, R V College of Engineering, Cades Digitech Pvt Ltd, CR Seals India Pvt Ltd.
14	a) VLSI System Design b) Thermodynamics & Combustion c) Concept Sketching & Design	26 <sup>th</sup> July to 26 <sup>th</sup> August 2004	15	ADA, ADE, BEML, LEOS, KPTCL, CNC India, Spike Infotech, Karmobiles Ltd, United Electro Technologies, Atria Institute of Technologies, SSIT & Students from Engineering Colleges.
15	a) Analog & Mixed Signal Design b) Multimedia Communications c) Systematic Innovation	23 <sup>rd</sup> August to 23 <sup>rd</sup> September 2004	16	BEL, CABS, NAL, Alliance Semiconductors, CNC India, Microchip Technology Design (I) Pvt Ltd, Siemens, Mahindra & Mahindra, Philips Semiconductor Design Tech Group, Purple Vision Technologies Pvt Ltd, SSIT
16	a) Embedded System Design b) Computer Aided Product Design	20 <sup>th</sup> September to 20 <sup>th</sup> October 2004	11	ADE, BEL, BHEL, NAL, Siemens VDO Automotive, Students from Engineering Colleges

17	a) DSP Architecture b) Wireless Communication c) Fracture Mechanics & Fatigue d) Design for Manufacture & Assembly	18 <sup>th</sup> October to 17 <sup>th</sup> November 2004	8	ADA, Syscon Instruments Pvt Ltd, Silicon Micro Systems, Fibradite Products Private Limited, Merlinhawk Associates Private Limited, Students from Engineering Colleges.
18	a) Digital Signal Processor b) Linux Device Driver	16 <sup>th</sup> October to 15 <sup>th</sup> November 2004	10	LRDE, Sage Design Systems (I) Pvt Ltd, Shivaji University.
19	a) Testing of VLSI Circuits b) Design of Turbo Machines c) Robotics & Industrial Automation d) Distributed Embedded System	13 <sup>th</sup> December 2004 to 12 <sup>th</sup> January 2005	9	HAL, Microchip Technologies, Maple Technologies, Triveni Engineering & Industries Ltd, Students from Engineering Colleges.
20	a) Linux Device Driver b) F E A c) Materials & Manufacturing Technologies d) Vehicle Aerodynamics e) Microcontroller f) Materials & Manufacturing Technology	10 <sup>th</sup> January to 12 <sup>th</sup> February 2005	12	ADE, Honeywell, Triveni Engineering & Industries ltd, Arvin Meritor, Deepthi Electronics.
21	a) Advanced Computer Architecture b) Analysis & Design of VLSI Circuits c) Rotor Dynamics & Vibration of Machinery d) Reverse Engineering & Rapid Prototyping e) Vehicle Dynamics, Handling Simulation f) Design for Manufacture & Assembly g) Fracture Mechanics and Fatigue h) Multimedia Communication	4th April to 4th May 2005	49	Aerospace Systems Private Limited, Infineon Technologies Pvt Limited, Sage Design Systems (I) Pvt Ltd, BHEL, CMS Computers, BEL, Hical Magnetics Pvt Ltd, Honeywell Technologies Solutions, Motor Industries Company Ltd. & Arvin Meritor, Volvo India Private Limited, ADE, Tata Technologies Ltd. (Pune), & Students from Engineering Colleges.
22	a) Software Engineering b) Mathematical Methods, Applied Probability & Stochastic Processes c) Introduction to Micro & Nano Technologies	30th May to 29th June 2005	5	ADA & Student, BNMIT, Sage Design Systems & Students from Engineering Colleges.
23	a) Synthesis, Verification & Testing of ASICs b) Fracture Mechanics and Fatigue	27th June to 22nd July 2005	6	LRDE, BEL, Tata Technologies Ltd.
24	a) Structures Safety & Impact	12th July to 19th August 2005	6	ADA, General Motors, CSM Software Pvt.Ltd.
25	a) Principles of Turbo machinery b) Product Design-1 c) Computer Aided Engineering	25th July to 19th August 2005	9	NAL, Mecon Ltd, Arvin Meritor, National Institute of Design, Students from Engineering Colleges.

26	a) Fluid Dynamics & Heat Transfer of Turbo Machinery b) Design for Manufacture & Assembly c) Real Time Systems d) VLSI Physical Design & Verification e) Finite Element Analysis f) Supply Chain Management	22nd August to 16th September 2005	51	Haritha Info Serve, Arvin Meritor, BEL,C-Dot,, GE,Philips Software Centre, Link Logic, Control Net,Reva Engg.College, RNSIT, General Motors,E consulting & Students from Engineering Colleges.
27	a) Concept Sketching & Design b) Manufacturing Process in Mems c) Power Train d) Computational Fluid Dynamics e) Analog & Mixed Signal Design	19th September to 14th October 2005	3	Geometric Software Solutions, BEL, ISRO-LEOS
28	a) Power Train b) Computational Fluid Dynamics c) Analog & Mixed Signal Design	3rd October to 28th October 2005	12	Robert Bosch, TVS Motor, Arvin Meritor, GE
29	a) Embedded System Design b) Kaizen & Team Building	14th November to 9th December 2005	6	IFB Automotive & Students from Engineering Colleges.
30	a) Computer Aided Engineering	12th December to 23rd December 2005	1	Reva Electric Car Co Pvt Ltd.
31	a) VLSI Physical Design & Verification b) Quality Management c) Vehicle Aerodynamics d) Finite Element Analysis	9th January 2006 to 17 <sup>th</sup> February 2006	25	ARDC – HAL & Students from Engineering Colleges.
32	a) Applied Finite Element Method	11th March to 13th May 2006	7	SITAR, General Motors & RGBSI
33	a) Lean Operations b) Analysis & Design of VLSI Circuits	3rd April to 7th May 2006	2	UGS India Pvt. Ltd., Students from Engineering Colleges.
34	a) VLSI System Design	29th May to 23rd June 2006	8	BEL, Wipro, ITI, Cypress Semiconductors Pvt. Ltd. & Students.
35	a) ASIC Design	26th June to 21st July 2006	1	VHI System Design Ltd.
36	a) Embedded System Design b) Computer Graphics	24th July to 18th August 2006	4	BPL Limited & ACRI Infotech.
37	a) Finite Element Analysis b) VLSI Physical Design & Verification	21st August to 22nd September 2006	12	BEL, Foretek Marketing, Tata Elxsi, Tech Force, Di'gpro & Students from institutions.
38	a) VLSI System Design b) VLSI Signal Processing	18th September to 13th October 2006	11	BEL, Honeywell, Siemens, Pinnacle Software & Students from academic institutions.
39	a) Computational Fluid Dynamics b) Real Time Systems	16th October to 13th November 2006	2	General Motors & L & T Limited.
40	a) Digital Image Processing b) Automotive Control Systems c) Finite Element analysis	13th November to 8th December 2006	7	ARDC – HAL, GE India Tech Centre, General Motors and Lecturers from MVJCE & MSRIT.
41	a) Digital Image Processing	15 <sup>th</sup> December to 24th December 2006	4	Students from Manipal Institute of Tech
42	a) Logic Synthesis & Timing Analysis b) Microelectronics	8 <sup>th</sup> January to 02 <sup>nd</sup> February 2007	7	Intel & Accord Software and systems Pvt. Limited & Students from Bangalore Institute of Technology

43	a) Embedded Micro controller b) GSM Technologies c) ASIC Design & Timing Analysis	2 <sup>nd</sup> April to 27 <sup>th</sup> April 2007	4	Students from Academic Institutions.
44	a) VLSI System Design b) Digital Signal Processing	28 <sup>th</sup> May to 22 <sup>nd</sup> June 2007	15	DRDO, BEL, Satyam Computers, Lecturer & Students from Academic Institutions.
45	a) ASIC Design And Testing b) Real Time System c) CDMA Technologies	25 <sup>th</sup> June to 20 <sup>th</sup> July 2007	11	BEL, ISAC, Wipro, Synplicity, Echrome & Students from Academic Institutions.
46	a) Computer Graphics b) Quality Management & Six Sigma	23 <sup>rd</sup> July to 17 <sup>th</sup> August 2007	2	BEL & Students from Academic Institutions.
47	a) Fluid Dynamics & Heat Transfer of Turbo Machinery b) VLSI Physical Design	20 <sup>th</sup> August to 14 <sup>th</sup> September 2007	5	Nous Info Systems, Compudraw &
48	a) VLSI Signal Processing b) Power Train	17 <sup>th</sup> September to 12 <sup>th</sup> October 2007	14	B.E.L., Ingersoll Rand International India Pvt Ltd., TES Pvt Ltd Electronics Pvt Ltd., Faculty from CMR Institute Of Technology, Students from Academic institution,
49	a) Mixed Signal IC Design b) CFD	15 <sup>th</sup> October to 9 <sup>th</sup> November 2007	7	Genral Motors, Open Silicon India Pvt Ltd, , LSI Technologies, Students from Academic Institutions.
50	a) Microelectronics	23 <sup>rd</sup> November to 7 <sup>th</sup> Dec 2007	1	Students from Academic Institutions.
51	a) CAE for Product Design b) System on Chip Design & Verification	10 <sup>th</sup> December to 4 <sup>th</sup> January 2008	6	BBEL, Open Silicon Research Pvt Ltd, Nous Info systems, Faculty from Bahabali College Engg, Faculty from CMRIT
52	a) Advanced CMOS Digital Design b) Device Drive Development c) Antenna & Microwave d) Networks & Protocols	07 <sup>th</sup> January to 02 <sup>nd</sup> February 2008	16	B.E.L.,DRDO, Net logic Semiconductor Pvt Ltd, Tata Consultancy Services, Students from Academic Institutions
53	a) Asic Design & Testing b) Electronic Hardware Systems	31 <sup>st</sup> March to 25 <sup>th</sup> April 2008	8	Satyam Computer, Accord Software Systems, Perot Systems, Students from Academic institutions.
54	a) Object Oriented Analysis & Design with UML b) Engineering Materials & Manufacturing Technologies c) Principles of Turbo machinery d) Modern Automotive Systems f) CMOS Circuit Design	24 <sup>th</sup> May to 22 <sup>nd</sup> June 2008	28	BEL ,Advanced Micro Devices Ltd,
55	a)VLSI Physical Design b)Embedded DSP c)Project Management d)Noise, Vibrations & Harshness e)Materials & Manufacturing Technology f)Quality Management & Sixsigma	23 <sup>rd</sup> June to 18 <sup>th</sup> July 2008	15	BEL ,Jupitor Design Technology Pvt Ltd , Accord Software Systesms ,Project Design , ,LSI India Pvt Ltd , Ansys , Associate Tools, Faculty from Academics Intuitions,
56	a) Verilog & FPGA b) Advanced CMOS IC Design c) Conceptual Skeetching & Desig	19 <sup>th</sup> July to 10 <sup>th</sup> October 2008	8	Mistral software Pvt Ltd,
57	a)High Speed Borad Design b)Design for Manfature & Assembly c)Rotor Dynamics & Vibration of Modling d)Embedded Networking and Security	18th August 2008 to 12th September 2008	5	,BEL ,Doosan infracore ,

58	a)Verilog & FPGA b)Power Train c)Embedded Systems design d)Supply Chain Management	13th September to 5th October 2008	10	Quest ,Honeywell Technology ,Open Silicon ,Honeywell Technology, Students & faculty from Academic Relations
59	a)CMOS Circuit Design b)Product Design c)in-System Vehicle N0W & Telematia d)Layout Design	13 <sup>th</sup> October to 7 <sup>th</sup> November 2008	16	Hartita ,Continental Automotive Components Pvt ltd ,Students from Academic Institution
60	a) Asic Design & Verification b) Ergonomics in Product Design c) VLSI Signal Processing d) Image Processing e) Embedded OS	08 <sup>th</sup> November to 30 <sup>th</sup> November 2008	24	Next First Engineering Technologies Pvt Ltd, Opn Silicon Research Pvt Ltd ,
61	a) Mixed Signal IC Design	08 <sup>th</sup> December to 2 <sup>nd</sup> January 2008	2	Students from Academic Institutions
62	a)ASIC Design and Testing b)DSP Processors c)Finite Element Analysis d)FPGA	10 <sup>th</sup> January to 1 <sup>st</sup> February 2009	15	GTRE, Satyam Computer, L&T Ltd., Intel Students & Faculty from Academic Institutions.
63	a)ASIC Design Verification b)Digital Image Prossessing c)Computer Aided Product Design d)High Speed Board Design	4th April to 26th April 2009	16	Students & Faculty from. Academic Institution
64	a) High Speed Board Design b) FPGA Implementation c) CMOS Circuit Design d) Digital Signal Processing e) Modern Automotive Systems f) Engineering Materials Manufacturing Technology	30 <sup>th</sup> May to 21 <sup>st</sup> June 2009	14	NAL, Ashokleyland,, Bosch Ltd, Students & faculty from Academic institution
65	a) VLSI Physical Design b) Rotor Dynamics and Vibration of Machinery c) Project Management d) Device Driver Development e) Medical Image	27 <sup>th</sup> June to 19 <sup>th</sup> July 2010	25	CAIR,C.B.S.E ,Ingersoll Rand India International Limited, ,G.E ,General Motors, Duecom, Schneider Electric ,Tata Consultancy Services, Students & Faculty from Academic Institutions
66	a) Thermodynamics and Combustion b) FPGA Systems Design c) Automotive Sensors & Interface Techniques d) Embedded Systems Design	25 <sup>th</sup> July to 16 <sup>th</sup> August 2009	20	NAL ,GE, Robert Bosch ,Tata Elxsi Ltd Students & faculty from academic institution
67	a) High Speed Board Design b) Vehicle Dynamics, Handling and Simulation	22nd August to 13th September 2009	7	Geometric Ltd , Cypress Semiconductor Technology , Y.S.L .Electronics, Students from Academic Institutions
68	a)Vehicle Aerodymaics & Thermal Management b)Systemic Innovation c)Advanced CMOS IC Design	19 <sup>th</sup> September to 11 <sup>th</sup> October 2009	3	Students from Academic Institutions

69	a)Creativity & Systematic Innovation b)Computational Fluid Dynamics c)Antenna & Microwave Engineering d)Strategic Management	24 <sup>th</sup> October to 8 <sup>th</sup> November 2009	8	B.E.L, Cap Gemini, Students from Academic Institutions
70	a) Asics Design & Testing b) Finite Element Analysis c) Automotive Control System Engineering	14 <sup>th</sup> November to 6 <sup>th</sup> December 2009	7	DARE,HCL, Students from Academic Institutions
71	a)Hybrid Vehicle Propulsion Systems b)Product Design Management c)Design Methodology & Research	12 <sup>th</sup> December to 3 <sup>rd</sup> January 2010	5	Quest, Bosch, Advanced Forming Technology Centre , Students from Academic institutions
72	a)Electronic Hardware Systems Design b)Product Design-1 c)Vehicle Concept Design & Styling d)Embedded Processor Architecture e)VLSI Physical Design	9 <sup>th</sup> January to 31 <sup>st</sup> January 2010	13	BEL ,DARE , DRDO, HCL,Tannic India Pvt Ltd, Volvo Inida Pvt Ltd , ComAvia Systems Technologies Pvt. Ltd, students from academic Institute
73	a)Finite Elements Analysis b)Asic Design Verification c)Digital Communication Techniques d)Project Management e)Fluid Dynamics & Heat Transfer of Turbomachinery	3 <sup>rd</sup> April to 25 <sup>th</sup> April 2010	11	Faiveley Transport, Ashok Leyland, General Motors, Honeywell Technologies Ltd., Tech Mahindra, Ace Super Auto Forge Pvt Ltd, Students from Academic Institutions
74	a)Modern Automotive Systems b)Materials & Modification Processes c)Advanced Mechanics of Materials d)Creativity and Systematic Innovation e)Integrated Circuit Analysis Design	29 <sup>th</sup> May to 20 <sup>th</sup> June 2010	6	General Motors, Image Labels Pvt Ltd, Design Worth Lab (Bangalore) Pvt. Ltd, Tata Power Co. Ltd, Student from academic Institution
75	a)Noise,Vibration Harshness b)In-Vehicle Networking & Telematics c)Materials & Manufacturing Technology d)Quality Management & Sixsigma e)Materials & Manufacturing Processes	26 <sup>th</sup> June to 18 <sup>th</sup> July 2010	10	NAL, Design Worth Las (Bangalore) Pvt. Ltd, Altair Engineering, GE, General Motors Ltd, Student & Faculty Academics Institution
76	a)Object Oriented Programing & Data Structure b)Full Custom Design c)Advanced Wireless Networks & Protocols	24 <sup>th</sup> July to 15 <sup>th</sup> August 2010	3	Siemens, Tata Power Co.Ltd, Student from Academic Institution
77	a)Design for Manufacture and Assembly b)Rotor Dynamics & Vibration of Machinery c)Automotive Interior Design d)Structural Fatigue and Reliability Analysis e)High Speed Board Design f)Embedded DSP	21 <sup>st</sup> August 2010 to 12 <sup>th</sup> September 2010	22	DEBEL , BEL , Ingersoll-rand, Goodrich Aerospace Services Pvt Ltd, Robert Bosch Engineering Business Solutions, Moog India Pvt Ltd, Honeywell Technologies Soution Ltd, Infotech Enterprises, Honeywell Technologies Soution Ltd, ArvinMeritor, Ge Health Care, CIPSA RIC India Ltd, Sasken Communication, CITS DABok
78	a)Embedded Processors and Microcontrollers b)Thermodynamics & Combustion c)Materials & Manufacturing Processes for Automobile	18 <sup>th</sup> September 2010 to 10 <sup>th</sup> October 2010	12	NAL, Civic Technologies, Qdos Flex Circuits, NOKIA R&D Centre, General Motors, Student from Academic Institution
79	a)Computational Fluid Dynamics b)Vehicle Dynamics, Handling & Simulation c)CAE for Product Design	24 <sup>th</sup> October 2010 to 14 <sup>th</sup> November 2010	9	CMTI, Tata Consulting Engineering Ltd, GE India, Altair Engineering , HCL, Mindteck,

80	a)Finite Element Analysis b)Metrology & Quality Control c)Automotive Power Electronics & Drives d)Full Customs Design	13 <sup>th</sup> November 2010 to 5 <sup>th</sup> December 2010	8	NAL, Vigani Technologies Pvt Ltd, Alfanar Engg Services India Pvt Ltd, GE, S.V.P.Laser Technologies Pvt Ltd, Student from Academic Institution
81	a)Mixed Signal IC Design b)Wireless Networks & Protocols c)System on Programmable Chip d)Structures, Safety & Impact e)Design of Turbo Machines	11 <sup>th</sup> December to 2 <sup>nd</sup> January 2010	16	DEBEL, Honeywell Technologies India Ltd.,
82	a)Reconfigurable Hardware System Design b)Materials & Manufacturing Processes c)Vehicle Aerodynamics and Thermal Management d)Wired and Wireless Embedded Networks e)Machinery Design	8 <sup>th</sup> January to 31 <sup>st</sup> January 2011	19	GE Energy, Goodrich Aerospace Ltd, Mahindra Engg Services, Student from Academic Institution.
83	a)Full Chip Functional Verification b)Network Programming c)Mechanisms & Modeling for Product Design d)Power Train e)Embedded and Automotive Control Systems Engineering f)Vehicle Concept Design g)Machining Processes	2 <sup>nd</sup> April to 24 <sup>th</sup> April 2011	15	PDIT (VTU), BEL, Honeywell Technology, GM, Honeywell Technology, GE Energy, Mann – Hummec,
84	a)Engineering Materials & Manufacturing Technologies b)Advanced Mechanics & Materials c)Field Reconfigurable Hardware Systems d)Digital Signal & Image Processing e)Embedded Processors & Microcontrollers	28 <sup>th</sup> May to 19 <sup>th</sup> June 2011	19	CAIR, BEL, MTRDC, CMTI, ISRO, NAL, ADE, Alfanar Engineering Services India Pvt Ltd, Keane International India Pvt Ltd, Open Silicon, Sasken Communication, AMS Ltd, Bosch, SJBIT - VTU, Student from Academic Institution.
85	a)Noise Vibration & Harshness b)Fracture Mechanics and Fatigue c)Electronic Board Design	25 <sup>th</sup> June to 17 <sup>th</sup> July 2011	9	BEL, Cax Software, Cadstech, QuEST, Goodrich Aerospace, Student from Academic Institution.
86	a)Automotive Sensors and Intelligent Systems b)Computer Aided Engineering c)Real Time Software Engineering d)Advanced Electronics Circuit Design e)Integrated Circuit Analysis and Design	23 <sup>rd</sup> July to 14 <sup>th</sup> August 2011	15	Robert Bosch Engineering and Business Solutions Ltd., Honeywell Technology (Sree Vybhav Impex), Open silicon, Student from Academic Institution
87	a)High frequency Mixed Signal Circuit b)Design for Manufacturing and Assembly c)Embedded DSP d)Vehicle Dynamics, Handling Simulation e)Automotive Exterior Design f)Project Management g)Rotor Dynamics and Vibration of Machinery	20 <sup>th</sup> August to 11 <sup>th</sup> September 2011	16	CAIR, Tattva Embedded Solutions, GE Energy, TCS, Tata Elxsi, WEG Industries India Pvt Ltd, CLYDEUNION Pumps, Student from Academic Institution
88	a)Micro controllers and Interfacing b)Thermodynamics and Combustion c)Full Custom Physical Design	17 <sup>th</sup> September to 9 <sup>th</sup> October 2011	6	CAIR, G E, Student from Academic Institution



89	a)Computational Fluid Dynamics b)Enterprise Computing c)Automotive Communication Protocols and Telematic d)Design for X e)Reconfigurable Embedded platform with FPGA f)Kaizen and Team Building	15th October to 6th November 2011	8	Altair Engineering, HCL, i-Grandee Software Technologies Pvt. Ltd., Robert Bosch Engineering Business Solutions Ltd, Smart Play, Student from Academic Institution.
90	a)Finite Element Analysis b)Reliable Power Aware ASICs c)Embedded Control Systems Engineering d)Concept Sketching and Design e)Electronics Measurement and Instrumentation	12th November to 4th December 2011	15	GE Energy, KPIT (Hyderabad), Daimler, L&T, CSC Company, Student from Academic Institution.
91	a)Design of Turbomachines b)Automation in Manufacturing and System Simulation c)Machinery Design d)Nanoelectronic circuits and System	10th December 2011 to 1st January 2012	8	GE, Quest, L & T, Open - Silicon Student from Academic Institution.
92	a)Full Chip Functional Verification b)Automotive Communication Protocols and Telematics	7th January to 29th January 2012	2	Keane India Ltd, Student from Academic Institution.
93	a)Power Train b)Production Planning and Control c)Fracture Mechanics and Fatigue d)Design of Machine Element and manufacturing Processes e)IC Planning and Implementation	31st March to 22nd April 2012	11	NAL , GE Transportation, Bosch, GoodRich Aerospace Services Pvt Ltd, Robert Bosch Engineering and Business Solutions Limited, Alligator Designs, Tessolve
94	a)Noise Vibration and Harshness b)Embedded Processors and Micro-controllers c)Engineering Materials and Manufacturing Technologies d)Modern Automotive Systems e)Introduction to Aircraft Systems f)Principles of Turbomachinery	26th May to 17th June 2012	11	GE, Moog India Technology, Robert Bosch Engineering Business Solutions Pvt Ltd , GoodRich, Smart Play, Unisys, Bosch, Quest, Collar Solutions Pvt Ltd, Collar Solutions Pvt Ltd,
95	a)Computational Fluid Dynamics b)Noise Vibration and Harshness c)Materials and Manufacturing Technology d)Mobile Application Development e)High Speed Systems & Interconnects f)Embedded RTOS	23rd June to 15th July 2012	11	ISRO, BEL, NAL, EnSci (A Weir Group Company), Avasarala Technology Ltd, Robert Bosch Engineering Business Solutions Pvt Ltd , TCS
96	a)Aircraft CAE b)Advanced Electronics circuit Design c)Real Time Software Engineering d)Full Custom Physical Design	21st July to 12th August 2012	8	Auto CNC, i-Grandee Software Technologies Pvt. Ltd, AMS Technology, Wipro, Student from Academic Institution.

97	a)Vehicle Dynamics Handling Simulation b)Rotor Dynamics and Vibration of Machinery c)Embedded DSP d)Project Management e)Analog and Mixed Signal Circuit Design	18th August to 9th September 2012	7	LRDE, General Motors, ASM Technology, KPIT Cummins,
98	a)Embedded Communication System b)Computer Networks and Protocols c)Materials and Manufacturing Processes for Automobiles d)Microcontrollers and Interfacing e)Field Reconfigurable Hardware Systems	15th September to 7th October 2012	7	GTRE , Wipro, Tata Power, Instrument Research Associates Pvt Ltd, ABB,
99	a)RF Microelectronics Systems Development b)Automotive Control and Hardware In-Loop Simulation	13th October to 4th November 2012	2	Alpha Design Technologies Pvt Ltd, Student from Academic Institution.
100	a)Finite Element Analysis b)Control Systems Engineering	10th November to 2nd December 2012	3	Genral Motors, Asmaitha Wireless Pvt Ltd, Student from Academic Institution.
101	a)Hybrid Vehicle Propulsion Systems b)Structural Fatigue & Reliability Analysis c)Product Design Management	8th December to 30 December 2012	10	Mahindra Reva Electric Vehicles Pvt. Ltd
102	a)ECU Design Using Advanced Processors b)IC Planning and Implementation c)Advanced Systems Programming d)Fluid Dynamics & Heat Tranfer Turbomachinery	5th January to 3rd February 2013	5	Freelance Software, Synopsys, RBEI, GE and Student from academic institution
103	a)Aircraft Structures-I b)Fracture Mechanics and Fatigue c)Power Train d)Embedded RTOS e)Network Programming	30th March to 21st April 2013	28	UTC AEROSPACE SYSTEMS, Ingersoll Rand Engineering & Technology Center (IRETC), GE Transportation and Student from academic institution.
104	a)Filed Reconfigurable Hardware Systems	27th April to 19th May 2013	3	L & T, Tatava Embedded Solutions and Student from academic institution.
105	a)Noise Vibration and Harshness b)Full Chip Functional Verification	25th May to 16th June 2013	2	Honeywell Technologies, L & T
106	a)Digital Communications	22nd June to 14th July 2013	4	LSI
107	a)Metal Casting and Joining Technologies b)Aircraft Aerodynamics	17th August to 8th September 2013	3	GE Transportation, HCL Technologies
108	a)Manufacturing Strategy b)Vehicle Dynamics, Handling and Simulation c)Electronic Board Design d)Computational Fluid Dynamics	14th September to 6th October 2013	9	Manpro equipments, Gabriel India Ltd, Accord Software, Texas Instruments and faculty from academic institution.
109	a)Finite Element Analysis	12th October 2013 to 3rd November 2013	2	Student from academic institution.
110	a)Full Custom Physical Design	16th December to 27th December 2013	1	Faculty from academic institution.
111	a)Structural Fatigue and Reliability Analysis b)Aircraft Conceptual Design and Layout	14th January 2014 to 26th January 2014	4	Genser Aerospace & Information Technologies Pvt. Ltd.
112	a)Vehicle Aerodynamics Thermal Management b)Power Train	1st March to 23rd March 2014	5	Ge India Technology Centre Pvt Ltd, Mercedes-Benz Research and Development India Private Limited

113	a)Power Train b)Aircraft Structures II c)Noise, Vibration & Harshness d)High Speed Systems and Interconnector	26th April to 18th May 2014	9	GE, Infosys, General Motors, Student from Academic Institution.
114	a)Analog and Mixed Signal Circuit Design b)Embedded RTOS c)Systems on Programmable Chip d)Analog and Mixed Signal Circuit Design e)Vehicle Dynamics Handling Simulation f)Automotive Control and Hardware In-Loop Simulation	23rd June to 4th July 2014	11	GE, CSM Software, Student from Academic Institution.
115	a) Compressor Aerodynamics (Batch - 1)	30th August to 7th September 2014	4	ADA, Ge
116	a)Vehicle Dynamics, Handling and Simulation b)Power Train c)Automotive Control Systems Modelling and Simulation d)Kaizen and Lean Operations e)Finite Element Analysis of Mechanical Structures f)ASIC Synthesis and Implementation	28th Feb to 22nd Mar 2015	23	Quest ,Ge ITC Pvt Ltd,Mercedes-Benz Research & Development India Pvt. Ltd, WEG Industries (India) Pvt. Ltd,Autoliv India Pvt Ltd,Meritor HVS (India) Limited.Student from Academic Institution.
117	a) Vehicle Dynamics Handling and Simulation b) ECU Design	23rd May to 14th June 2015	4	Ge ITC Pvt Ltd,
118	a) Modelling and Analysis of Signals and Systems b) Embedded Computer Architectures and Programming c) Computational Fluid Dynamics	27th June 2015 to 19th July 2015	11	EASI Technologies Ltd, HCL .