

ANNUAL QUALITY ASSESSMENT REPORT

Name of the Institute: Institute of Engineering and Technology

Year of Report: 2011-12

Part A: The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

The year 2011-12 has been considered as landmark in the field of quality education in institute for successful functioning of the IQAC for providing quality education based on the student feedback. Whatever we targeted in last three years we achieved those goals in the form of student satisfaction and successful placement activities and appreciation from the recruiting companies for technical knowledge and overall personalities we are developing in the students. The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

I. Curricular Aspect	<ul style="list-style-type: none">• The institute strictly follows the vision, mission and objectives of the institute itself while adhere academic calendar strictly including the quality teaching on time and with complete coverage of syllabus.• Assessment of students through regular and continuous evaluation and end semester examination.• The ultimate goal of deploying the engineers in the field with aggressive placement activities is also achieved.• Curriculum updated based on the current needs of the industries• Subjects floated in different branches of engineering with intra disciplinary needs.• Subjects like Principles of Management taught in all branches looking to current need of technocrat managers• Recruiting companies like TCS, Infosys, Mahindra, Reliance, Eicher etc are considered for updating• Feedback taken from pass out students regarding current use/employability of the curriculum.• Job oriented courses in all the branches• Continuous updating• Last updated in 2010• Feedback is taken for the updates
2. Teaching-Learning & Evaluation	<ul style="list-style-type: none">• Admission on the basis of state level engineering entrance examination for undergraduate courses and our institute is I/II choice.• Admission for PG courses is on the basis National level entrance examination (GATE) is preferred.• AICTE/UGC norms are strictly followed for the admission process.• Admission as per reservation policies and financial assistance provided to weaker sections through scholarships etc.• Organize induction program for fresher.• Mentors assigned to group of students to identify their needs and problems through counseling.• Provide remedial classes for weaker students.• Most class rooms are well equipped with multimedia projectors.

	<p>Interactive board is also placed in seminar hall.</p> <ul style="list-style-type: none"> • Lectures are supplemented by assignments, seminars and industrial visits. • To provide students with the benefits of early exposure to research and innovative skills the major project was initiated in sixth semester of four year BE program • More focus on the laboratory work to strengthen students practical knowledge • New batch in IV yr academic program initiated in BE(Civil) 60 Students, BE(IT) 60 Students (seats increased),BE(E&TC) 60 Students (seats increased), Part Time BE (Computer/ Mechanical/ IT/ E&I/ E &TC) with 30 Seats each(since 2009) • Team of qualified faculties (06 professors, 11 associated professors and 47 assistant professors and 65 experts as visiting faculties) • Prior to the commencement of the academic session academic calendar framed and institute adhere to the same. • For the completing the curriculum within stipulated time frame monthly review system established. • Experts/ eminent scholars from different field invited to deliver lectures for students. • Teachers are motivated for the attending short term courses, repressor courses • Most of the regular faculties with PhD and postgraduate qualification. • Most of the faculties with yrs of experience. • Continuous evaluation system is adopted with two internal written examination, sessional examination, main theory exam and external practical examination. • Continued with the Centralized Evaluation System being followed since last several years • Evaluation of answer sheets by hiding the roll numbers from the year 2008 • Strictly adhere to the examination schedule and timely evaluation of answer sheets and declaration of results so that students do not suffer for their joining to industries and admission for higher education in national institutes. • 10 Days STTP on research methodology in collaboration with IIT Mumbai 26th June to 4 th July. Under • UGC Sponsored National workshop on Next Generation Networking on 27- 28 Jan. 2012 • Two days National seminar in collaboration with Institution of Engineers India on “Design & Analysis of Mechanical Systems using Optimization Techniques” On 14-15 October 2011 • Workshop on Open Source Technologies from 16th -21st Dec . 2011. • One day expert talk on Software Requirement Engineering organised by CSI Indore chapter on 27 June 2011. Expert were <ul style="list-style-type: none"> • Prof. Gopalsamy Ramesh • Prof. T.V. Gopal
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	<ul style="list-style-type: none"> • Dr. Anil Rawat • Expert lecture On “Symbolic Data Object” by Dr. P. Nagabhushan , Professor from University of Mysore on 11th Nov.2011 • Expert lecture On Empowerment of women through ICT on 8th Dec.2011.by Prof. A.K. Nayak • Expert lecture On topic “Parallelization & Vectorisation of Programmes” by Dr. Supratim Biswas , Professor Deptt. of Computer Engg. IIT Bombay, on 14 July 2011. • STTP on Application approach to Data Structure on 29th Sep.- 01st Oct 2011 • Team of 66 qualified faculties <ul style="list-style-type: none"> • 04 Professors, • 11 Associated professors and • 38 Assistant professors • 13 Contract faculty <p>Contractual Class III: 33, Class IV: 39</p> <ul style="list-style-type: none"> • Overall Ration 60:72
Research consultancy & extension	<ul style="list-style-type: none"> • Collaboration with RRCAT, Indore for carrying out Research in Engineering Subjects • Collaboration with NIC, New Delhi for technology adoption (CollabCAD) • Collaboration with IIT Mumbai & RRCAT, Indore Accommodation of temporary location of new IIT at Indore for period (2009-2015) • MOU with TCS for incumbent training • Industry collaboration e.g. Eicher Motors • More than 60 research scholars are presently registered/enrolled in Faculty of Engineering • 138 papers research published in international/national Journals /presented in international / national conferences • Workshop /training program organized to promote awareness in teachers for research. • Provision of funds allocation in budget for the research oriented activities for teachers (attend conferences/ workshops etc.)
Infrastructure and Learning resources	<ul style="list-style-type: none"> • About 28662 books valued Rs. 11 lac • University arranges for E-subscriptions of Journals. An amount of approx. Rs 2:00 lac per annum is paid by the Institute towards this contribution • Using customized developed software for Library Management w.e.f. yr. 2000 • All sections of Administrative Office are using computers and printers. Using Customized developed software is being used Admissions, Accounts and Result processing w.e.f. year 2000

	<ul style="list-style-type: none"> • Girls Hostel with a capacity of 200 beds along with warden’s quarter • - 14 quarters for teachers • -Construction work for IT Block under progress • -300 capacity Boys Hostel under construction • The infrastructure with advanced technology is being developed. • Good planning for future development of physical infrastructure (Civil engineering block, Extension of mechanical workshop) • 7x24 internet access to all the terminals with 2 MBPS leased line & 1 Mbps broad line • WI-Fi facility provided at students hostel
Student support & progression	<ul style="list-style-type: none"> • Good placement record 272/300 • Mentor scheme started in year 2006-07, on a group of 15 students, a teacher mentor is assigned. Meeting are held twice a semester. • Fully active placement cell exists • - Students volunteer in the placement activity. • - A Professor In charge is made responsible for placement activities. • - Reward to the Placement In charge deputing upon the performance • - Collaboration with other UTDs, such as IIPS/ SCS. • - MOU with TCS for incumbent training • 59 students selected in GATE and 9 have CAT Score. • 63 students registered PhD. • -Girls student welfare cell formed • 29 Companies visited institute for campus placement • 441 Recruitment offers made to 295 students • Average annual package of 4.0 lac with highest package 9.15 lac. • Mechanical students participated in BAHA (automotive vehicle design and manufacturing contest and won Rs 2 lac prize for best green design) • Good hostel facilities available for both boys and girls • Hostels equipped with gymnasium, internet facility, sport ground. • Visiting doctor available at hostel • Conducted blood donation camp at boys hostel • Grievances and redressal mechanism and counseling provided to students • Students participated in national /university cultural and sports activities. Invocation lecturer to the new admitted students & their parents. • Regular meetings with parents being planned • Financial aid is provided to Physically handicapped students through Student Welfare department of DAVV • Publication of Magazine ‘Pegasus’ • Scholarships are awarded to merit holders in all branches since 2003 • Mentor scheme started in year 2006-07. For a group of 15 students, a teacher mentor is assigned. Meetings are held twice a month. • Institute alumni association have been formed
Governance	<ul style="list-style-type: none"> • The Institute relentlessly follows the goals mentioned in its vision,

& leadership	<p>mission and objectives.</p> <ul style="list-style-type: none"> • The academic calendar has been strictly followed. Teaching schedule and the syllabus was covered on time. • Strong emphasis on class room teaching • Result on time • Full academic autonomy • Assessment of students was undertaken through regular and continuous evaluation and end semester examination. • The ultimate goal of nurturing engineering education and producing trained manpower for placement in Industries and other Institutions is being successfully achieved • Institute is working of the self finance system. Effective use of financial resources • Student feed back system is followed for the continuous improvement • Karmachari Sahayata Kosh (Help to employees in time of need)
Innovative Practices	<ul style="list-style-type: none"> • Advance methods of teaching • Students feedback system • Students provided with internet facility at hostel • Project started in VI sem (III year) of degree course for early exposure to students towards research and project. • Go green environment policy. • Water harvesting/ recharging • Water pond

Part B: Actions Taken in 2011-12

01.	Activities reflecting the goals and objectives of the institution	<ul style="list-style-type: none"> • The institute strictly follows the vision, mission and objectives of the institute itself while adhere academic calendar strictly including the quality teaching on time and with complete coverage of syllabus. • Assessment of students through regular and continuous evaluation and end semester examination. • The ultimate goal of deploying the engineers in the field with aggressive placement activities is also achieved.
02.	New academic programmes initiated (UG and PG)	<ul style="list-style-type: none"> • Students intake strength increased in III Year of Civil, IT, and E &TC
03.	Innovations in curricular design and transaction	<ul style="list-style-type: none"> • The last updating of curriculum was in academic session 2009.-10 • A committee have been formed for the phase wise adoptation of choice based credit curriculums • The course was designed on the present requirement of the recruiting companies like TCS, Infosys, Tech Mahindra Eicher

		<p>Motors, wipro technologies etc.</p> <ul style="list-style-type: none"> • The subjects included for the current era requirement advance subjects are ERP, Business Communication, Supply Chain Management, Enterprise development skills and IPR., Cloud computing, Digital communication etc. • First time in the state in Engineering Education, in Sixth Semester of the four year BE program, major project started to derive the benefits of early exposure of research and innovative skills, utilization of summer vacation for the project work and continuation of project in subsequent batches.
04.	Inter-disciplinary programs started	ME (Industrial Engineering and Management) has been running since year 2002-03
05.	Examination reforms implemented	- Central Valuation System continued
06.	Candidates qualified NET/SLET/GATE etc.	See Annexure- I
07.	Initiative towards faculty development program	<ul style="list-style-type: none"> • Faculties are motivated for attending short term courses, refressor courses and orientation courses. • Faculties motivated for participating in National & International conferences • Institute develop remote centre of IITB for conduction of Short Term Training Program.
08.	Total number of seminars / workshops conducted	<ul style="list-style-type: none"> • 10 Days STTP on research methodology in collaboration with IIT Mumbai 26th June to 4 th July. Under • UGC Sponsored National workshop on Next Generation Networking on 27- 28 Jan. 2012 • Two days National seminar in collaboration with Institution of Engineers India on “Design & Analysis of Mechanical Systems using Optimization Techniques” On 14-15 October 2011 • Workshop on Open Source Technologies from 16th -21st Dec . 2011. in collaboration with Academic staff college. • One day expert talk on Software Requirement Engineering organised by CSI Indore chapter on 27 June 2011. Expert were <ul style="list-style-type: none"> • Prof. Gopalsamy Ramesh • Prof. T.V. Gopal

		<ul style="list-style-type: none"> • Dr. Anil Rawat • Expert lecture On “Symbolic Data Object” by Dr. P. Nagabhushan , Professor from University of Mysore on 11th Nov.2011 • Expert lecture On Empowerment of women through ICT on 8th Dec.2011.by Prof. A.K. Nayak • Expert lecture On topic “Parallelization & Vectorisation of Programmes” by Dr. Supratim Biswas , Professor Deptt. of Computer Engg. IIT Bombay, on 14 July 2011. • STTP on Application approach to Data Structure on 29th Sep.-01st Oct 2011
09.	Research projects Chapter 1 Newly implemented: Chapter 2 Completed :	NIL
10.	Patents generated if any	Nil
11.	New collaborative research programmes	<ul style="list-style-type: none"> • Collaboration with RRCAT, Indore for carrying out Research in Engineering Subjects • Collaboration with NIC, New Delhi for technology adoption (CollabCAD)
12.	Research grants received from various agencies	Rs. 1 Lakhs for travel and registration for presentation of a research paper abroad from UGC grant
13.	Details of research scholars	See Annex-II
14.	Citation index of faculty members and impact factor	See Annex –III
15.	Honors / Awards to the faculty	See Annex –IV
16.	Internal resources generated	Nil
17.	Details of departments getting SAP, COSIST (ASSIST)/ DST. FIST etc. assistance / recognition	No, it has not received any
18.	Community services	Annexure V
19.	Teachers and Officers newly	Nil

	recruited	
20.	Teaching- Non-teaching staff ratio	<ul style="list-style-type: none"> • Team of 66 qualified faculties <ul style="list-style-type: none"> • 04 Professors, • 11 Associated professors and • 38 Assistant professors • 13 Contract faculty <p>Contractual Class III: 33, Class IV: 39</p>
21.	Improvements in the library services	<ul style="list-style-type: none"> • Using customized developed software for Library Management w.e.f. yr. 2000
22.	New books / journals subscribed and their value	<ul style="list-style-type: none"> • About 28662 books valued Rs. 11 lac • 4958 titles • 79 journals • University arranges for E-subscriptions of Journals. • An amount of approx. Rs 2:00 lac per annum is paid by the Institute towards this contribution
23.	Courses in which student assessment of teachers is introduced and the action taken on student feedback	All BE., ME, MSc Courses.
24.	Unit cost of education	UG - Rs.56,000/- PG – Rs.45,000/-
25.	Computerization of administration and the process of admissions and examination results, issue of certificates	<ul style="list-style-type: none"> • All sections of Administrative Office are using computers and printers. • Using Customized developed software is being used Admissions, Accounts and Result processing w.e.f. year 2000.
26.	Increase in the infrastructural facilities	<ul style="list-style-type: none"> • Girls Hostel with a capacity of 200 beds along with warden's quarter • 14 quarters for teachers • Construction work for IT Block under progress • 300 capacity Boys Hostel under construction • 300 seated fully air conditioned auditorium developed

27.	Technology up gradation	<ul style="list-style-type: none"> • The infrastructure with advanced technology is being developed. • Class rooms facilitated with multimedia projectors and internet connectivity • Virtual class room.
28.	Computer and internet access and training to teachers and students	<ul style="list-style-type: none"> • 7x24 internet access to all the terminals with 1 GBPS Connection
29.	Financial aid to students	<ul style="list-style-type: none"> • Financial aid is provided to Physically handicapped students through Student Welfare department of DAVV • SC , ST Scholarship • Blind students scholarship
30.	Activities and support from the Alumni Association	Alumni Association formed on Oct 25, 2008.
31.	Activities and support from the Parent Teacher Association	<ul style="list-style-type: none"> - Invocation lectures to the new admitted students & their parents. - Regular parents meeting planned.
32.	Health services	<ul style="list-style-type: none"> -Common Health Centre of DAVV -Visit of Doctor to the IET Hostel
33.	Performance in sports activities	See Annex-VI
34.	Incentives to outstanding sportspersons	-----
35.	Student achievements and awards	<ul style="list-style-type: none"> • Mechanical students participated in BAHA (automotive vehicle design and manufacturing contest and won Rs 2 lac prize for best green design
36.	Activities of the guidance and Counselling unit	<ul style="list-style-type: none"> • -Mentor scheme started in year 2006-07, on a group of 15 students, a teacher mentor is assigned. • Meeting are held twice a semester. <p>Girls student welfare cell formed</p>
37.	Placement services provided to students	<ul style="list-style-type: none"> -See Annex-VII • Fully active placement cell exists • Students volunteer in the placement activity.

		<ul style="list-style-type: none"> • A Professor In charge is made responsible for placement activities. • Reward to the Placement In charge deputing upon the performance • Collaboration with other UTDs, such as IIPS/ SCS.
38.	Development programmes for non-teaching staff	None
39.	Healthy practices of the institution	<ul style="list-style-type: none"> • Academic schedule strictly followed. • Strongest emphasis on class room teaching • Result on time • Best efforts for placement • Karmachari Sahayata Kosh (charity practice) • Grand level creational/ recreational activities by the students (Cultural programmes, etc.)
40.	Linkages developed with National / International, Academic / Research bodies	<ul style="list-style-type: none"> • Collaboration with IIT Mumbai & RRCAT, Indore • Accommodation of temporary location of new IIT at Indore for 05 years (2009-2015)
41.	Any other relevant information the institutions wishes to add	<p>Student activity clubs are functioning</p> <p>See annex-VIII</p>

Part C: Details of the plans of the Institution for the 2012-13:

- The research programmes in all relevant disciplines shall be strengthened by more PhD registrations and sponsored research projects.
- More infrastructural facilities shall be provided including Buildings, equipments and other academic facilities:

- New Library Building
- Extension of Mechanical Workshop
- Digital Library with Latest Journals
- Outreach programmes
- Industrial Consultancy
- High tech classrooms
- Modern Laboratories
- Curriculum update with modern syllabus content
- Long term academic projects at UG level
- Research projects at Masters' Level
- eLearning Technology Adoption

Dr. Nagendra Sohani

Name & Signature

Coordinator QAC

Dr. Sanjiv Tokekar

Name & Signature

HEAD,UTD

AN NEXURE I

Record of students achievements(GATE/CAT/GRE) for session. 2011-12

SR. NO.	NAME	BRANCH	GATE SCORE	ALL INDIA RANK	COMPANY PLACED
1	SURBHI PANJABI	COMPUTER	NA	4	INFOSYS
2	ANUP KUMAR SAH	COMPUTER	966/1000	9	INFOSYS, WIPRO TECH.
3	DISHA MAKHIJA	COMPUTER	952/1000	13	ADOBE, INFOSYS, ACCENTURE
4	SUMIT SAHU	COMPUTER	NA	49	INFOSYS
5	NEERAJ CHITKEY	COMPUTER	639/1000	1159	ACCENTURE, WIPRO TECH.
6	AKASH JAIN	COMPUTER	46/100	3997	INFOSYS
7	ANUL PANDYA	COMPUTER	40.33/100	7809	INFOSYS, ACCENTURE
8	KSHITISH TRIPATHI	COMPUTER	425/1000	8113	INFOSYS
9	GOURAV JAIN	COMPUTER	827/1000	NA	WIPRO TECH.
10	VIRENDRA JAIN	COMPUTER	757/1000	NA	INFOSYS
11	VIDYAKANT DUBEY	COMPUTER	738/1000	NA	ADOBE
12	LOKESH SONI	E&I	720/1000	56	INFOSYS
13	PRATEEK RODE	E&I	636/1000	128	ACCENTURE, WIPRO TECH.
14	NIHIT CHOUDHARY	E&I	615/1000	170	INFOSYS
15	SUDHIR PAWAR	E&I	540/1000	350	INFOSYS, WIPRO TECH.
16	ALOK GUPTA	E&I	397/1000	1277	WIPRO TECH.
17	ALOK DABIR	E&I	320/1000	1847	VOLVO-EICHER, ACCENTURE
18	PRAHAR NAHAR	E&I	470/1000	NA	AVANTHA POWERS, INFOSYS, WIPRO TECH.
19	VARNIT CHOUKADE	E&TC	843/1000	136	INFOSYS
20	KAPIL AHUJA	E&TC	717/1000	559	INFOSYS, WIPRO TECH.
21	RUCHI GUPTA	E&TC	681/1000	832	INFOSYS, WIPRO TECH.
22	NEHA SENGAR	E&TC	597/1000	1917	ATOS
23	KAMALJEET SINGH	E&TC	47.33/100	2864	WIPRO TECH.
24	ASHISH AGRAWAL	E&TC	675/1000	NA	SANKALP SEMICONDUCTOR
25	NITANT SINGH CHOUHAN	E&TC	597/1000	NA	WIPRO VLSI
26	MANASI JOSHI	E&TC	476/1000	NA	ACCENTURE, INFOSYS
27	HARSH KAUSHALAYA	E&TC	573/1000	NA	INFOSYS, WIPRO TECH.
28	ANKIT SOHNI	E&TC	645/1000	NA	INFOSYS, WIPRO TECH.
29	JAYANT PATWARE	E&TC	450/1000	NA	WIPRO TECH.
30	PIYUSH KHANDELWAL	E&TC	663/1000	NA	ACCENTURE, WIPRO TECH.
31	SHRESHTHA SHUKLA	E&TC	507/1000	NA	INFOSYS
32	SANJAY HARODE	E&TC	723/1000		WIPRO TECH.
33	GURMEET SINGH	IT	748/1000	375	

	BHATIA				
34	AMIT SINGH RAGHUWANSHI	IT	738/1000	412	FISERV
35	SURENDRA SOLANKI	IT	225/1000	NA	
36	DEEPENDRA JATAV	IT	38.67/10	NA	
37	RAMPRASAD PANSE	IT	310/1000	NA	
38	ANSHUL SHARMA	IT	39/100	NA	WIPRO TECH.
39	DIXITA BOTHRA	IT	761/1000	NA	ATOS
40	SHUBHAM BHALLA	IT	498/1000	NA	FISERV
41	AMAN CHOUBE	MECHANICAL	779/1000	221	KIRLOSKAR, INFOSYS
42	NITIN DWIVEDI	MECHANICAL	739/1000	388	MU-SIGMA, TATA TECHNOLOGIES
43	BURHANNUDDIN BATAWALA	MECHANICAL	717/1000	512	AVANTHA POWERS
44	SAJAL JAIN	MECHANICAL	637/1000	1208	VOLVO-EICHER
45	SURENDRA DHAKAD	MECHANICAL	616/1000	1517	AVANTHA POWERS
46	DEVRAJ DHARMIK	MECHANICAL	49.33/100	2705	TATA TECHNOLOGIES
47	DARSHAN AJMERA	MECHANICAL	470/1000	5194	INFOSYS
48	ARPIT JAIN	MECHANICAL	41.33/100	5496	TAFE
49	AKSHANSH CHOURASIA	MECHANICAL	37/100	7749	VOLVO-EICHER
50	GAURAV GUPTA	MECHANICAL	35.33/100	8705	I-DESIGN
51	ANSHUL KAHRE	MECHANICAL	34.67/100	9157	I-DESIGN
52	RAVINDRA NATH CHOUDHARY	MECHANICAL	30.33/100	9800	KIRLOSKAR
53	PRIYA CHOUHAN	MECHANICAL	381/1000	9838	MAN FORCE TRUCKS, I-GATE PATNI
54	UMESH SOLANKI	MECHANICAL	32.33/100	10866	AVANTHA POWERS
55	RAJESH KUMAR YADAV	MECHANICAL	529/1000	NA	WIPRO TECH.
56	SACHAY CHOLKAR	MECHANICAL	388/1000	NA	HONDA, TAFE
57	NEERAJ KATIYAR	MECHANICAL	31.67/100	NA	INFOSYS
58	SHRIKANT SINGH THAKUR	MECHANICAL	43.33/100	NA	JOHN DEERE. KIRLOSKAR
59	VEDPRAKASH BAGHELE	MECHANICAL	27.29/100	NA	

SR. NO.	NAME	BRANCH	CAT PERCENTILE	COMPANY PLACED
1	PRACHI JAIN	COMPUTER	99.69	INFOSYS, MU-SIGMA
2	KULJOT SALUJA	COMPUTER	96.53	INFOSYS, MU-SIGMA
3	PURVA VIJAYVERGIYA	COMPUTER	96.4	INFOSYS, ACCENTURE, MU-SIGMA, TATA TECHNOLOGIES
4	ANKUR PESHIN	COMPUTER	90.95	CSC, INFOSYS
5	ANUL PANDYA	COMPUTER	89.93	INFOSYS, ACCENTURE
6	AYUSHYA MISHRA	COMPUTER	89.51	INFOSYS, MU-SIGMA

7	ASTHA KACHOLIYA	E&I	82.53	INFOSYS, ACCENTURE
8	ADITYA PRATAP SINGH GAUR	IT	98.27	INFOSYS, WIPRO TECH.
9	DEVASHISH TIWARI	MECHANICAL	87.92	AVANTHA POWER

ANNEXURE II

Research Scholars registered

Name	Supervisors	Registration Date	Branch
Mr. Vaibhav Jain*	QIP at IIT Delhi		Computer Engg.
Mr. Pratosh Basnal	Dr. M. Chandwani	28.10.2005 /27.10.2005	Computer Engg.
Mr. A. Mehta	Dr. S.K. Somani	06.12.2005/14.12.2005	Mechanical Engg.
Mr. Dev Vrat Singh	Dr. J. Negi	07.09.2002	Mechanical Engg.
Mr. Pradeep Yadav	Dr. A. Tiwari	15.06.2005/23.07.2005	Mechanical Engg.
Mr. P.C. Setheya	Dr. S.K. Somani	07.12.2005/14.12.2005	Mechanical Engg.
Mr. Rahul Vasudev Patil	Dr. S.K. Somani	22.12.06/02.01.2007	Mechanical Engg.
Mr. Vivek Kapoor	Dr. Khurana		Computer Engg.
Mr. Shashichandra Sharma	Dr. A.Tiwari	28.05.2007	Mechanical Engg.
Mr. A. Chandak	Dr.S.K. Somani	11.06.2007	Mechanical Engg.
Mr. Mukul Ramesh Shukla	Dr. Brijesh K. Joshi	23.01.2008	Computer Engg.
Mrs. Pragya Shukla	Dr. M. Chandwani	25.09.2007	Computer Engg.
Mr. Sunil K. Kushwaha	Dr. S.V. Tokekar	08.10.2007	Elex., &TC
Ku. Sunita Verma	Dr.(Smt.) V. Tokekar	08.10.2007	Computer Engg.
Mr. Ramesh K. Thakur	Dr. Suresh Jain	08.10.2007	Computer Engg.
Mr. Manish M. Choudhary	Dr. N. Seth	15.10.2007	Mechanical Engg.
Mr. Ajay Verma	Dr. Nitin Seth	13.09.2007/ 22.09.2007	Mechanical Engg.
Mr. Satyaprakash Trivedi	Dr. Shashi Prakash	16.09.2008	Applied Physics
Mr. Aaquil Bunglowala	Dr. Ajay Verma	16.09.2008	Elec. & Tele. Engg.
Mr. Pankaj Dashore	Dr. Suresh Jain	19.09.2008	Computer Engg.

Mr. Jitendra Kumar Sharma	Dr. Ashesh Tiwari	29.09.2008	Mechanical Engg.
Mr. Shishir K. Shandiyal	Dr. Suresh Jain	22.12.2008	Computer Engg.
Mrs. Raksha Uppadhyay	Dr. S.,V.Tokekar	1/12/2008	E & Tele Engg.
Mr. Jitendra Dhanotiya	Dr. Shashi Prakash	16.03.2009	Elex.& Inst. Engg.
Mr. Dharmendra A.Mehta	Dr. M. Chandwani	12.05.2009	Computer Engg.
	Dr. Priyesh kanungo		
Mrs Supriya M. Kelkar	Dr. Raj Kamal	27.05.2009	E & Tc. Engg.
Mrs. Priti Trivedi	Dr. Ajay Verma	5/6/2009	E & Tc. Engg.
Mrs. Nikita Vats Doohan	Dr. M. Chandwani	23/06/09	Computer Engg.
	Dr. D.K. Mishra		
Mr. Anand Rajavat	Dr. V. Tokekar	15.07.2009	Computer Engg.
Mr. Jigyasu Durey	Dr. V. Tokekar	15.07.2009	Computer Engg.
Mr. Manish Sharma	Dr. Ajay Verma	21.08.2009	Elec.& Tele. Engg.
Mr. Rajkumar Sharma	Dr. Priyesh kanungo	17.08.2009	Computer Engg.
	Dr. M. Chandwani		
Mrs. Uma Bhatt	Dr. S.V. Tokekar	10.08.2009	Elec.& Tele. Engg.
Mrs. Madhvi Jangalwa	Dr. V. Tokekar	03.10.2009	E & Tc.
Mr. Hemant makwana	Dr. Suresh Jain	01.10.2009	Computer Engg.
Mrs. Bhawna Nigam	Dr. Suresh Jain	03.10.2009	Computer Engg.
Mrs. Shivangi nBande	Dr. Ajay Verma	06.10.2009	E & Tc.
	Dr. S.V. Tokekar		
Mrs. Pratibha Singh	Dr. Ajay Verma	06.10.2009	E & Tc.
Mr.Dharmendra Singh Yadav	Dr.Shashi Prakash	10/10/2009	E & Tc.
Ms.Anagha R. Kulkarni	Dr.(mrs) Vrinda Tokekar	21.06.2011	Computer Engg.
Mr. Sanjay Jain	Dr. Ashesh Tiwari	23.10.2010	Mechanical Engg.
Mr. Amit Kumar Gupta	Dr. Ashesh Tiwari	23.10.2010	Mechanical Engg.
Mr. Yash Dave	Dr.Nagendra Sohni	25.10.2010	Mechanical Engg.

Mr.Hemant marmat	Dr.Nagendra Sohni	25.10.2010	Mechanical Engg.
Mr. Rajveer Singh Doohan	Dr. Govind Maheshwari	23.10.2010	Mechanical Engg.
Mrs. Reena Deeswal	Dr. Shashiprakash	07.02.2011	E & I Engg.
Mrs. Abha Jain	Dr. S.V. Tokekar	31.05.2011	E &Tele. Engg.
Mr. Ram Janm Singh	Dr. Nagendra Sohani	19.05.2011	Mechanical Engg.
Mr. Dhirendra Vikram Singh	Dr. Govind Maheshwari	19.05.2011	Mechanical Engg.
Mr. Purkar Sanjay Tapiram	Dr. Govind Maheshwari	19.05.2011	Mechanical Engg.
Mrs. Juhi Kamakoti	Dr. Nagendra Sohani	16.05.2011	Mechanical Engg.
Mr. Mohit Maheshwarkar	Dr. Nagendra Sohani	20.05.2011	Mechanical Engg.
Mr. Paresh Atri	Dr.B.K. Tripathi	14.02.2009	Management
Mr. Ashish Kumar Jain	Dr.(mrs) Vrinda Tokekar	20.11.2009	Computer Engg.
Mr.Chetan Awasthi	Dr.Priyesh Kanungo	13.05.2011	Computer Engg.

ANNEXURE III

Faculty Publications (July 2011- June 2012)

Department of Mechanical Engineering

1. Tiwari A. & Sane P. , 2011,“Tribological Material Selection, Analysis Modification And Manufacturing of Mill Roller of 4 High Rolling Mill with FEA Model” International Journal of Scientific & Engineering Research Volume 2 Issue 7, July 2011, PP. 1-5, ISSN2229-5518
2. Tiwari A. & Sanjay Jain ,2011, “Studies on Solid Particle Erosion Behavior of Metal Matrix Composite: A Review” National Seminar on Design & Analysis of Mechanical Systems using Optimization Techniques organized by The Institution of Engineers(India)Indore Local Centre, Indore, 14-15 October 2011,pp 42-44.
3. Tiwari A. & Gupta A.,2011, “Shape Optimization of Acoustic Reactive Muffler for Noise Reduction.”National Seminar on Design & Analysis of Mechanical Systems using Optimization Techniques organized by The Institution of Engineers(India)Indore Local Centre, Indore, 14-15 October 2011,pp 53-56.
4. Tiwari A. & Sharma J.,2011, “Performance Comparison of Back-propagation & Radial Basis Function Artificial Neural Network Models for Condition Monitoring of Reciprocating Air Compressor.”National Seminar on Design & Analysis of Mechanical Systems using Optimization Techniques organized by The Institution of Engineers(India)Indore Local Centre, Indore, 14-15 October 2011,pp 70-73.
5. Sunil Sadhwani and Nagendra Sohani, “ Supply Chain Optimisation: a Case of Daiper Industry”, *Review of Business and Technology Research*, Vol. 4, No. 1, July 2011.
6. Yash Dave and Nagendra Sohani, (2011), “Methodology of evaluating the Overall equipment effectiveness in a Gear industry through TPM” CSVTU Research Journal, Vol. 04, No. 01, pp. 114-117, ISSN 0974-8725
7. Mohit Maheshwarkar, Dr. Nagendra Sohani and Pallavi Maheshwarkar (2011) “Evaluation of Knowledge Management Level of Educational Institutions using FCE and AHP”, International Journal of Research in IT, Management and Engineering, Vol.I, Issue V, pp. no. 148-163.

8. Mohit Maheshwarkar, Nagendra Sohani and Pallavi Maheshwarkar (2011) "Evaluation of Knowledge Management Level of Educational Institutions using Analytical Hierarchy Process: A case study in India", International Journal of Research in IT, Management and Engineering, Vol.I, Issue V, pp. no. 165-179. ISSN-2249-1619
9. Mohit Maheshwarkar and N.Sohani,(2011), " Evaluation of Knowledge Management Level of Educational Institutions using Analytical Hierarchy Process : a Case study in India", International Journal of Research in IT, Management and Engineering, Vol.1, Issue 5
10. Dr. Nagendra Sohani, Mohit Maheshwarkar and Pallavi Maheshwarkar (2011) "Application of AHP in employee selection for a steel Manufacturing Industry: A Case Study", International Conference on Global Impact of Indian Management, Datta Meghe Institute of Management Studies, Nagpur (MH).
11. Mohit Maheshwarkar, Dr. Nagendra Sohani and Pallavi Maheshwarkar (2011) "Evaluation of knowledge Management Level using Analytical Hierarchy Process: A Conceptual Review", Design & Analysis of Mechanical Systems using Optimization Techniques, Institute of Engineering & Technology, Devi Ahilya Vishwavidyalaya, Indore (M.P)
12. Nagendra Sohani and Sanjay Bandole, (2012), "Knowledge Management Enablement of Supply chain Management", International Conference on Mechanical & Industrial Engineering, pp 122-128, ISBN-978-93-81693-89-6.
13. N. Sohani and Ashish Sharma, (2012), " Process Analysis with the help of Business Process Re-engineering and SAP", International Journal of Engineering Research and Application, Vol.2, issue3, pp-2628-2631.
14. Pallavi Upadhyay and Nagendra Sohani., (2011), " ERP Implementation : a Case study in Two Wheeler Manufacturing Company, Proceedings of the 2011 International Conference on Advances in Supply Chain and Manufacturing Management Kharagpur, India, December 16– 18,
15. Avichal Dubey and Nagendra Sohani, (2012), " A Proposed Model for Volvo-Eicher Comercial Vehicles) , using Agent based Supply chain Management, Colloquium Conference on Mechanical Engineering and Technology at (COMET), IT-BHU, 2-4 March, It was awarded with second prize
16. Avichal Dubey and Nagendra Sohani, (2011), "Effective Supply Chain Management Using Agent- System and Latest Technology – Proposed Model", All India Seminar on "Design & Analysis of Mechanical Systems Using Optimization Techniques" on 14-15 October 2011, IET, DAVV, Indore. It was awarded as Best Paper in Technical Session.
17. Anand pitare and Nagendra Sohani, (2011), "Application of Quality Function Deployment in Remanufacturing: A Case of Remanufactured Passenger Car", All India Seminar on "Design & Analysis of Mechanical Systems Using Optimization Techniques" on 14-15 October 2011, IET, DAVV, Indore
18. Anand pitare and Nagendra Sohani, (2011), Remanufacturing Cost Management for Domestic Refrigerator", proceedings International Conference on Industrial Engineering (ICIE 2011).SVNIT,Surat17-19 Nov.pp-125-128.
19. O.P. Dubey and N. Sohani, 2011), "Strategic Alliance between Supply Chain Partners: An Overview , proceedings of International Conference on Industrial Engineering (ICIE 2011).SVNIT,Surat17-19 Nov, pp 570-577.
20. Ram Janm Singh and Nagendra Sohani(2011), "A Proposed Model for Integration of ERP, CRM, SRM and Supply Chain Management, proceedings of International Conference on Industrial Engineering (ICIE 2011).SVNIT,Surat17-19 Nov, pp 164-170.
21. Juhi Kamakotti and Nagendra Sohani (2011), " Review of Service Quality in Supply Chain Management", Sodh Ganga, vol1, no.1, pp.22-27, ISSN 2250-303X
22. Maheshwari, G., Chaudhary S. and Somani S.K., 2011, "Exergy-based Ecological Analysis of Generalized Irreversible Heat Pump System" Journal of Engineering Science and Technology, Vol. 6, No. 5, pp 575-86.
23. Joshi, A., Karma, V., 2011, "Effect on Strength of Involute Spur Gear by Changing the Fillet Radius using FEA", International Journal of Scientific & Engineering Research Volume 2, Issue 9, September-2011, PP 1-5, ISSN 2229-5518.
24. Sharma J., Gupta A.K., 2011, "Modeling and Static Analysis of a Steam Turbine Rotor by FEM", National Conference NCACTM-2011, November 4-5th, 2011, PP 61.
25. Sharma J., Gupta A.K., 2011, "Lift and drag force Analysis on a Cylindrical body on Wind tunnel", National Conference NCACTM-2011, November 4-5th, 2011, PP 60.
26. Sharma J., Gupta A.K., 2012, "Harmonic Analysis of Steam Turbine Rotor by FEA", National Conference NCRITES-2012, April 20-21th, 2012, PP 71-75, ISBN 978-93-82062-27-1.
27. Sharma J., Gupta A.K., 2012, "Modal Analysis of Steam Turbine Rotor by FEA", Vikas International Journal of Management Science & Technology, Volume 1, Issue 1, Jan-Jun, 2012, PP 123-134, ISSN 2277-4963.

28. Dr. Suwarna Torgal, Dr. Ashesh Tiwari, Dr. A.G. Ambekar (March 2012), "Results of Enumeration of kinematic chains using identification codes for 8 linked single and three degrees of freedom (Part 1)" National Journal of Technology, Vol 8, No 1, pp 58-66, /ISSN-0973-1334.
29. Dr. Suwarna Torgal, Kamlesh Gurjar, (May -2012), " Optimization of Dynamic Parameters and Effect of Sway Angle in Hydraulic Crane Hook (Part 2)" ,International Journal of Engineering Research & Technology (IJERT), Vol-1, Issue No.3, Page No.01-04, ISSN No.– 2278-0181.
30. Dr. Suwarna Torgal, Swati Mishra (April-2012) Research paper titled " Stress Analysis of Wheel Rim" International Journal of Mechanical Engineering (IJME), Vol-1, issue No.1, pp-34-37, ISSN No. – 2278-0181.
31. Suhel Khan, Dr. Suwarna Torgal (June- 2012) ," A Comparative second law analysis of micro channel evaporator with R-134A and R-22 refrigerants (Part 2)" , International journal of scientific and engineering research (IJSER), Vol-3, issue No.5, ISSN no.– 2229-5518.
32. Dr. Suwarna Torgal, Kamlesh Gurjar, Jai Balwanshi (Nov.-2011) ," An Optimization of Dynamics Parameters of Crane Hook and the Effect of Sway Angles in Hydraulic Cranes" (Study Work) (Part 1) ,Recent Advancement in Science, Technology & Management (RASTM) 12-13 Nov. -2011 Indore (IEEE Sponsored National Conference) (Vindhya Institutes of technology and Science, Indore).
33. Suhel Khan, Dr. Suwarna Torgal (Oct-2011) Research paper titled " Design and analysis of micro channel heat sink using minimum exergy destruction method (Part 1)" Conference on design and analysis of mechanical system using optimization technology, (IET, DAVV, Indore).
34. Gautam Singh & Devendra S. Verma, (2011), "Investigation of Developing Quality Circle in Indore Nearest Area for Automobile Parts Industries" in National Conference on Advancement & Challenges in technology & Management, organized by JDCT Indore, pp 53.
35. Gautam Singh & Devendra S. Verma, (2011), "Applying Quality Circle in Small Scale Industries" in National Conference on Advancement & Challenges in Technology & Management, organized by JDCT Indore, pp 59.
36. Vaibhav Arya & Devendra S. Verma, (2011), "Measurement of Service Quality of Transport Service System" in National Conference on Advancement & Challenges in Technology & Management 2011, organized by JDCT Indore, pp 61.
37. Saurabh Tege and Devendra S. Verma, (2012), "Implementation of RFID in Retail Outlet" in International Journal of Engineering Research and Applications (IJERA), vol.2, Issue 3, PP. 3038- 3044.
38. Saurabh Tege and Devendra S. Verma, (2011), "Radio Frequency Identification (RFID) Technique: An Overview with Indian Context" in National Seminar on Design & Analysis of Mechanical Systems using Optimization Techniques, organized by IET DAVV, Indore, pp 61-64.
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Department of Computer Engg and Information Technology

- 1 Anand Rajavat, Vrinda Tokekar, "TechRisk –A Decisional Framework to Measure Technical Dimensions of Legacy Application for Rejuvenation Through Reengineering", Published in International Journal of Software Engineering & Applications (IJSEA), Vol.2, No.3, July 2011, DOI : 10.5121/ijsea.2011.2309, ISSN: 0975-9018 (Online); 0976-2221 (Print) ,PP:120-128.
- 2 Anand Rajavat, Vrinda Tokekar, "An Impact-based Analysis of Software Reengineering Risk in Quality Perspective of legacy System", Published in International Journal of Computer Applications (IJCA), November 29, 2011, ISBN: 978-93-80865-35-6, Doi 10.5120/4046-5794, PP: 40-47.
- 3 Anand Rajavat, Vrinda Tokekar, "Identification and Measurement of Functional Risk Components in Reengineering Process of Legacy System", Published in International Journal of Advanced Software

Engineering (IJASE), ISSN 2249-3069 Volume 1, Number 1 December (2011), © Research India Publications ,pp. 11-25.

- 4 Anand Rajavat, Vrinda Tokekar, “Quantitative Evaluation Of Managerial Risk Components In Reengineering Process Of Legacy System”, Published in International Journal of Software Engineering (IJSE) International Research Publication , ISSN 0974-3162, Volume 3, Number 1 January (2012), pp. 35-47
- 5 Anagha R Kulkarni, Vrinda Tokekar and Parag Kulkarni. “Context-based Classification of Text Documents using Naïve Bayes Classifier”, 2nd International Conference on Communication, Computing and Security 2012 published in Elsevier Procedia Technology journal.
- 6 Anand Rajavat, Vrinda Tokekar, “RrMm- a Measurement Model to Quantify the Effect of Reengineering Risk in Quality Perspective of Legacy System” Published in Springer International Conference on Advances in Information Technology and Mobile Communication – AIM 2012, PP: 9-16, © Springer-Verlag Berlin Heidelberg, April 2012.
- 7 Jigyasu Dubey, Vrinda Tokekar, “P2PCS-A Pure Peer-to-Peer Computing System for Large Scale Computation Problems”, Published in proceedings of third IEEE International Conference on Computational Intelligence and Communication Networks (CICN2011), pp. 582-585,Gwalior, India, Oct-2011, Print ISBN no.- 978-1-4577-2033-8.
- 8 Jigyasu Dubey, Vrinda Tokekar, “Identification of Reliable Peer Groups in Peer-to-Peer Computing Systems”, Published in proceedings of Third International conference on advances in communication, network and computing (CNC2012), Springer-LNICST, pp. 233-237, Chennai, India, March-2012.
- 9 Sunita Varma, Vrinda Tokekar, "Effects of Hidden Terminals and their Alleviation in Multi Rate Ad Hoc Networks", International Conference on Advanced Computing, communication and Networks'11(ICACCN-11), Chandigarh, pp.575-581 June, 2011.
- 10 Sunita Varma, Vrinda Tokekar, "An Interference Graph Based MAC Protocol for Multi Rate Ad Hoc Networks", World Congress on Information and Communication Technologies (WICT 2011), Mumbai, pp. 585-590,December 2011.
11. Sunita Varma, Vrinda Tokekar, Upma Vyas, Urjita Thakar,(2012) "A Comparative Study of Rate Matching and IG-MAC Schemes in Multi-Rate Ad hoc Networks",International Journal of Computer Science, Information Technology and Security (IJCSITS), vol.2, no.1, pp. 4-11, February.
12. Anagha R Kulkarni, Vrinda Tokekar and Parag Kulkarni.(2011) “A Survey on Document Mining”, Proceedings of International Conference on Electrical and Electronics Engineering 201, Oct , pp 308-313.
13. Anand Rajavat, Vrinda Tokekar,(2011) “A Comprehensive Model for Detection and Estimation of Software Reengineering Risk”, Published in Proceedings of national Conference on Emerging research trends in computer science and engineering (NCERTCSE-2011), 18-19 Nov., SVCE Indore, India.
14. Mrs. Meena Sharma along with Dr. Rajeev G. Vishwakarma(2011) “Statistical Stream Metrics for Software Quality,” In International Journal of Computer Applications, Foundation of Computer Science, USA, ISBN: 978-93-80864-70-4, Volume 28– No.10, August 2011, pp 46-52.
15. Mrs. Meena Sharma along with Dr. Rajeev G. Vishwakarma (2012), “Developing Software Metrics for Analysis & Design Artifacts in Unified Process,”, In” The Second International Conference on Computer Science and Information Technology,” (CCSIT- 2012), published by Springer in Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (LNICST), Vol. 85, No. II, January 2 - 4, 2012, Bangalore, India; pp. 71—80.
16. Mrs. Meena Sharma along with Dr. Rajeev G. Vishwakarma(2012), “Evaluation & Validation of Work Products in Unified Software Development Process” in IJSEA – International Journal of Software Engineering & Applications, Published by Academy & Industry Research Collaboration Centre, ISSN : 0975-9018.0976-2221, Volume 3 Number 2.
17. Mrs. Meena Sharma along with Dr. Rajeev G. Vishwakarma (2012), “Quality Evaluation of Object Oriented Visual Models in Unified Software Development Process” in IJSEA - International Journal of Software Engineering & Applications, Published by Academy & Industry Research Collaboration Centre, ISSN : 973-93-80868-57-7.

18. Mrs Meena Sharma along with Dr. Rajeev G. Vishwakarma published a paper entitled “ Object Constraints for E-business Solutions in Unified Paradigm”, In IEEE International Conference Recent Advances in Information Technology RAIT 2012 at Indian Institute of Mines , India presented in the category – Advances in Computer Science Engineering Indexed by IEEE Explore Paper ID 350.
19. Pratosh (2012), “Changed Human Values in India and Pollution: Analysis of Some Contemporary Issues Global Journal of Human Social Sciences, Volume 12 Issue 9 Version 1.0.
20. Shweta Joshi, Bhawna Nigam, (2011) “Categorizing the Document using Multi Class Classification in Data Mining” The International Conference on Computational Intelligence and Communication Networks (CICN2011), Gwalior, India, DOI 10.1109/CICN.2011.50, ISBN : 978-0-7695-4587-5
21. Vaibhav Jain, Anshul Kumar, Preeti Panda, [Exploiting UML based Validation for Compliance Checking of TLM 2 based Models \(to be published\)](#) Design Automation of Embedded Systems, Int. Journal
22. Vaibhav Jain, Anshul Kumar, Preeti Panda [A SysML Profile for Development and Early Validation of TLM 2.0 Models](#) In Robert France, Jochen M. Käster, Behzad Bordbar, and Richard F. Paige, editors, Proc. 7th Int. Conf. Modelling Foundations and Applications (ECMFA'2011), pages 299-311. Springer, Berlin, LNCS 6698, 2011.
23. Vaibhav Jain, Anshul Kumar, Preeti Panda (2011), “[A UML based framework for efficient Validation of TLM 2 Models](#) Forum on Specification & Design Languages, FDL”, Oldenburg, Germany. IEEE 2011, ISBN 978-1-4577-0763-6.
24. Bhawna Nigam, Anubha bansal, (2011) “An Novel approach to Mine Rare Association Rules Based on Multiple Minimum Support Approach” IEEE International Conference on Computational Intelligence and Computing Research (ICCIC 2011)), Cape Institute of Technology, Leveingipuram, Kanyakumari, India, ISBN:978-1-61284-766-5
25. Bhawna Nigam, Poorvi Ahirwal, Sonal Salve and Swati Vamney (2011), “Document Classification Using Expectation Maximization with Semi Supervised Learning”, International journal on Soft Computing. DOI: 10.5121/ijsc.2011.2404, ISSN: 2229-6735, Vol 2 Number 4.
26. Bhawna Nigam, Chayan Bhaisare, Kushagra Katyul, Gourav Jain (2011) “Performance Evaluation of Semi Supervised Support Vector Machine for Network Intrusion Detection”, National Conference on Emerging Research Trends in Computer Science and Engineering (NCERTCSE -11), Swami Vivekanand College of Engineering (SVCE) Indore.
27. Anubha Bansal, Bhawna Nigam (2011) “Association Rule Mining Techniques: A Survey”, National Conference on Emerging Research Trends in Computer Science and Engineering (NCERTCSE -11), Swami Vivekanand College of Engineering (SVCE) Indore.
28. Ayan nigam, Bhawna Nigam, Chayan Bhaisare, Neeraj Arya (2012) “Classifying the Bugs Using Multi-Class Semi Supervised Support Vector Machine”, International Conference on Pattern Recognition, Informatics and Medical Engineering (PRIME-2012) Digital Object Identifier: 10.1109/ICPRIME.2012.6208378 Page(s): 393 – 397.
29. Ayan nigam, Bhawna Nigam, Devendra kumar vatsa” (2012), “Generating all Navigational Test Cases using Cyclomatic Complexity from Design Documents for Mobile Application”, International Journal of Computer Applications (0975 – 8887) Volume 40– No.12, Published by Foundation of Computer Science, New York, USA
30. Bhawna Nigam, Suresh Jain and Sanjeev Tokekar (2012) “Article: Mining Association Rules from Web Logs by Incorporating Structural Knowledge of Website”, International Journal of Computer Applications 42(11):17-23. Published by Foundation of Computer Science, New York, USA
31. Amit Mittal, Srushti Mathur, Parash Jain and Preksha Bhatt, “Graph Coloring with Minimum Colors Place Katra Jammu CSNT, 2011 International Conference on Communication Systems and Network Technologies, pp.638-641 ISBN: 978-0-7695-4437-3
32. Ambesh Negi, Mayur Bhirud, Dr. Suresh Jain, Amit Mittal, (2012) “Index based Information Retrieval System, International Journal of Modern Engineering Research (IJMER) Vol.2 Issue.3, May-June , pp-945-948 ISSN: 2249-6645
33. Pragya Shukla, Sanjiv Tokekar, Suresh Jain, (November 2011), "On-line Algorithm for Finding Fuzzy Reasoning Path using CYK Algorithm on a PRAM model" was published in national conference on Emerging research trends in Computer Science and Engineering, Indore .
34. Anshu Jain , Hitesh Bandiya, Pragya Shukla, 2011 “A study on opinion Mining Techniques" was published in national conference RASTM-2011 held in, Indore .
35. Pragya Shukla, Sanjiv Tokekar, Suresh Jain, 2011, "A Fuzzy Deduction Graph Model for Computing with Words" was published in IEEE International Conference on Emerging trends in Engineering and Technology, Mauritius, pp no. 121-128.

36. Anshu Jain, Hitesh Bandiya, Pragma Shukla, "Analyzing Sentiments in Product Reviews" was published in International Conference ICCIEMI-2012 held on 29th January 2012, Jagadhri, Haryana, India.
37. Pragma Shukla, Sanjiv Tokekar, Suresh Jain, June 2012, " Finding Fuzzy Reasoning Path on Fuzzy Deduction Graph using Parallel CYK Algorithm on a PRAM model" published in IJCA Digital library, Volume 45, PP. No 760-771.

Department of E & I and E&Tc

1. Ravi Sindal, Sanjiv Tokekar, 2012, "A Comparative Analysis of Queuing and Fuzzy Logic based Admission Control Schemes in CDMA Cellular Network", *C3IT International Conference, Hoogly, Procedia Technology* Vol.4, pp 145 – 150. (Available online at www.sciencedirect.com, doi: 10.1016/j.protcy.2012.05.021)
2. Ravi Sindal, Sanjiv Tokekar, March 2012, "Adaptive Soft handoff based Neuro-Fuzzy Call Admission Control Scheme for Multiclass Calls in CDMA Cellular Network", *1st Int'l Conf. on Recent Advances in Information Technology RAIT-2012, ISM Dhanbad*, pp 279-284.(available on IEEExplore 10.1109/RAIT.2012.6194520)
3. Ravi Sindal, Sanjiv Tokekar, February 2012, "A Soft Computing based Adaptive Call Admission Control Scheme for Bi-class Traffic in CDMA Cellular Network", *International Journal of Computer Applications* (0975 – 8887), Volume 40, No.14, pp 15-21.(Impact factor-0.814)
4. Shikha Bansal, Seema Singh Sheth, Ravi Sindal and Pravin Fatnani, 20-21 April 2012, " Implementation of Soft core Processor on FPGA", *First National Conference on Recent Trends in Engineering and Sciences (NCRTES 2012), Indore, India*, pp 259-261.
5. Raksha Upadhyay, Sanjiv Tokekar, P.D. Vyavahare, "Performance Analysis of WLAN Physical Layers using Markov Channel Model" *Computer & Electrical Engineering*, 38 (2012) 616-625, Elsevier. (Impact factor 0.837)
6. Raksha Upadhyay, Dr. Sanjiv Tokekar, Dr P.D. Vyavahare, " A Heterogeneous Network Model of different Priority Classes for IEEE 802.11 DCF", *Seventh International Conference WCSN*, organized by IIIT Allahabad, Dec, 2011.
7. Smita Patil, Raksha Upadhyay, "A Symbol Timing Synchronization Algorithm for WiMAX OFDM" *IEEE International conference on Computational Intelligence and Communication Networks, CICN*, Oct. 2011. (Available on IEEE Explore)..
8. Pushpa Raikwal , Vaibhav Neema and Sumant Katiyal , " Low Power High Speed with Improved Noise margin for Domino CMOS Inverter", *Published in Indian Journal of Applied Research*, Volume 1 , Issue 7, April 2012.
9. Pushpa Raikwal , Vaibhav Neema and Sumant Katiyal , " Low Power High Speed with Improved Noise margin for Domino CMOS NAND gate", *Published in International Journal of Computational Engineering Research (IJCER)*, Volume 2 , Issue 2, Mar-Apr 2012.
10. Ishwarlal Rathod, Pranav Paranjpe, Rajit Ram Singh and Vaibhav Neema, *Microcontroller code lock security system Using Wireless Means*, *Published in the proceeding of RASTM-2011*, 12-13 Nov, 2011.
11. Madhvi Jangalwa and Dr. Vrinda Tokekar "Performance Analysis of MC-CDMA System", *IEEE International Conference on Recent Advancement in Information Technology (RAIT-2012)*, March 15-17, 2012 Indian School of Mines, Dhanbad, Jharkhand, India.
12. Dushyant S. Sisodiya, Madhvi Jangalwa and Sapna Dubey "Interference Mitigation in DSCDMA with multiuser Detector", *First National Conference on Recent Trends in Engineering & Sciences (NCRTES-2012)*, April 20-21, 2012 Prestige Institute of Engineering & Science, Indore, Madhya Pradesh, INDIA.
13. Uma Rathore Bhatt, Sanjiv Tokekar, *Survivable routing and wavelength assignment strategy for multiclass WDM optical networks*, *International conference on Computational Intelligence and Communication Systems: CICN-2011*, PP 711-715, 07-09 Oct. 2011, ISSN/ISBN-978-1-4577-2033-8, Digital Object Identifier: 10.1109/CICN.2011.155, Gwalior, India.
14. Uma Rathore Bhatt, Sanjiv Tokekar, *Path Length Based Wavelength Assignment Strategy: An Algorithm for Efficient System Performance in Wavelength Routed WDM Networks*. *Optik - Int. J. Light Electron Opt.* (in press) (2012) impact factor-0.454.
15. Namita Lanjwar and Dr. Dhiiraj Nitnawwre, "Performance Analysis of Routing Protocols for Battlefield Monitoring System" *Publication in International Journal of Scientific Engineering & Technology (IJSET)*, Volume 1, Issue 2, pp 55-58, April 2012. ISSN: 2277-1581.
16. Anshul Shrotriya and Dr. Dhiiraj Nitnawwre, "Investigating Path Loss Effect in Wireless Sensor Networks" *Publication in International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)*, Volume 2, Issue 5, pp 411-413, May 2012. ISSN: 2277-128X.

17. Mohit Pant and Dr. Dhiiraj Nitnawwre, "Performance Improvement of OFDM System Using PAPR Reduction" Publication in International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 2, Issue 5, pp 477-480, May 2012. ISSN: 2277-128X.
18. Seth, A., Gupta, H.M., (2012) A dynamic QoS Provisioning Call Admission Control in Cellular Mobile using Fuzzy Logic, International Journal of Wireless and Mobile Computing, Vol. XX, pp. XX. ISSN (online) 1741-1092; ISSN (print) 1741-1084; impact factor: 0.4
19. Co-authored another book titled, "Computer Fundamentals and C Programming", Cengage Publishing, 2011.; ISBN 978-81-315-1615-7
20. Nitika Vats Doohan, Sanjiv Tokekar, Durgesh Mishra " SHORTEST PATH ROUTING PROTOCOL (SPRP) FOR HIGHLY DATA CENTRIC WIRELESS SENSOR NETWORKS", Asian Himalayas IEEE- International Conference on Internet AH-ICI2011 on November 4-6, 2011 at Kathmandu, Nepal.
21. Nitika Vats Doohan, Sanjiv Tokekar, Durgesh Mishra, " Reliability analysis for wireless sensor networks considering environmental parameters using MATLAB", Third International Conference on Computational Intelligence, Communication Systems and Networks on July 26-28, 2011 at Indonesia.
22. Nitika Vats Doohan, Sanjiv Tokekar, Durgesh Mishra, " Energy Aided Shortest Path Routing Protocol (EASPRP) For Highly Data Centric Wireless Sensor Networks" Intelligent Systems, Modelling and Simulation (ISMS), 2012 Third International Conference on

Department of Applied Sciences

1. Balaban, A. T., Aziz, S., Manikpuri, A.D., Khadikar, P.V., 2011, Simple correlation for the π -electron energy and other properties of cata-condensed benzenoids. J. Indian Chem. Soc., 88, 87– 97.
2. Rain Water Harvesting in Indore city: A demanding need for Sustainable Development. Dheeraj Mandloi, Deepak Khare and Teena Pareek. Journal of Chemical, Biological and Pharmaceutical Sciences (ISSN No. 2249-1929), Udaipur, 2011, Vol.1/1, 88-101.
3. Synthesis and antimicrobial studies of biologically potential Mannich bases of 5-chloro- 2-methoxy benzamide derived from sulphonamides. Deepak Khare, Sheela Joshi and Dheeraj Mandloi. Journal of Chemical, Biological and Pharmaceutical Sciences (ISSN No. 2249-929), Udaipur, 2011, Vol.1/2, 122-131.
4. Physical and Chemical testing of Compounded PVC. Sapna Dabade, Dheeraj Mandloi and Deepak Khare Indian Journal of Applied Research (ISSN No. 2249-555X), Ahmedabad, 2012, Vol.1/5, 95-96.
5. Green Buildings: It's Importance in present Indian scenario. Lav Verma and Dheeraj Mandloi Journal of Environmental Science, Computer Science and Engineering & Technology, Udaipur, 2012, Vol.1/1, 9-13.
6. Synthesis and antimicrobial studies of some novel Mannich bases derived from secondary amines. D.K. Khare and D. Mandloi International Journal of Basic and Applied Chemical Sciences, Udaipur, 2012, ISSN: 2277-2073, Vol.2/1, 37-42.
7. Green Energy: Different types and Commercial utility for Sustainable Development. Chanchala Joshi, Teena Pareek and Dheeraj Mandloi Paper presented at National Multi Conference on Contemporary Global trends in Technology and Management at Lakshmi Narain College of Technology, Indore , 18-20ug 2011.
8. Assessment of Air and Noise pollution in Diwali season. Anurag Gupta and Dheeraj Mandloi Paper presented at National Seminar on Recent Trends in Chemical and Biological Sciences at Govt. Holkar Science College , Indore , 13-15 Jan 2012.
9. Mukul Gupta, Akhil Tayal, Ajay Gupta, Rachana Gupta, J. Stahn, M. Horisberger and A. Wildes, (2011) "Iron and nitrogen self diffusion in non-magnetic iron nitrides," Journal of Applied Physics 110, 123518,.
10. Rachana Gupta, Mukul Gupta, Akhil Tayal and Ajay Gupta, (2011) "Reactive nitrogen sputtering of Fe, Al and Fe(Al)" Solid State Physics, Proceedings of the 55th DAE Solid State Physics Symposium 2011 at SRM University, Kattankulathur, Tamilnadu.
11. Rachana Gupta, Akhil Tayal, S. M. Amir, Mukul Gupta, Ajay Gupta, M. Horisberger, and J. Stahn, (2012), "Formation of iron nitride thin films with Al and Ti additives" J. Appl. Phys. 111, 103520.

ANNEXURE IV

Faculty Honors (July 2011-June 2012)

1. Dr. Nagendra Sohani was invited as Guest of Honour and Key note speaker in National Workshop on "**Industrial Fire Prevention & Safety Measures**" at IPS IES Academy Indore.
2. Dr. Nagendra Sohani was invited as Guest of Honour and Key note speaker in National Workshop on Futuristic Terends in Mechanical Engineering organized by L.N.CT. Group Indore.
3. Dr. Nagendra Sohani was nominated by Honb'l Vice Chancellor as Academic council member of Christian Eminent Academy , Indore
4. Mrs Raksha Upadhyay delivered a talk on the topic "Role of Women in ICT" on 44th World Telecommunication and Information Society Day , May 17 , 2012 at Faculty of Communication Engineering, MCTE, MHOW, Organized by IETE Sub Centre, Mhow
5. Mrs. Raksha Upadhyay delivered an expert lecture on "Speech Coding Techniques for Wireless Mobile Communication" on May 17, 2012 at IPS Academy Indore.
6. Mr. Vaibhav Jain awards :Ambassador for Association of Computing Machinery (ACM) for promoting ACM membership and its benefits

ANNEXURE V (A)



NATIONAL SERVICE SCHEME

INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEVI AHILYA UNIVERSITY, INDORE

Following are the achievements of the NSS-IET DAVV UNIT during the last Academic year July 2011-June 2012.

- ❖ *Registration of students with NSS IET DAVV Unit as volunteers for the session 2011-2012.*
- ❖ *Participation in the **District level NSS Programme Officers Meeting** Organized at Atal Bihari Vajpayee Govt. Arts and Commerce College, Indore on 25/08/2011.*
- ❖ Participation along with one volunteer Mr.Utkarsh Garhwal in the **Orientation Programme for NSS Programme Officers** organized by NSS DAVV Indore on 8-12-2011 at University Auditorium Taxila Parisar DAVV Indore.
- ❖ Organised the **Voter Awareness Programme** for the inclusion of names in the electoral list for the staff and students of IET DAVV during 12-16 January 2012.
- ❖ Organised the **Voluntary Blood Donation Camp** under the auspices of NSS Unit IET DAVV and NSS CELL DAVV Indore at IET DAVV on 20th January 2012. **120 UNITS OF BLOOD DONATED TO THE STATE OF ART MODEL BLOOD BANK, M.Y.HOSPITAL INDORE.**
- ❖ Organised **Awareness Activities celebrating the occasion of Voters Day** on 25th January 2012 at IET DAVV Indore.
- ❖ Attended the **Community capacity Building and Public Awareness Programme for Disaster Management**, organized at School of Computer Science DAVV on **17th February 2012**.NSS volunteers along with other students of IET also attended the Programme.
- ❖ Organised an **Awareness Programme on the Occasion of Pulse Polio Immunisation Day** on 19th February 2012 in the campus and nearby areas of IET DAVV Indore.
- ❖ Organised **Campus Cleaning and Development Activity** on 20th February 2012 at IET DAVV Indore.
- ❖ Organised **Play Fields Development Activity** at IET DAVV Indore during 27-29 February 2012.
- ❖ **Participation, after selection, of the NSS Unit IET DAVV volunteer Mr. Utkarsh Garhwal in the 7 days State Level NSS CAMP** at Dongra Gaon Mhow during 10-16th November 2011.
- ❖ **Participation, after selection, of the NSS Unit IET DAVV volunteer Mr. Utkarsh Garhwal in the National Youth Festival** at Manglore, Karnataka in January 2012.
- ❖ **Participation, after selection, of the NSS Unit IET DAVV volunteer Mr. Utkarsh Garhwal in the 10 days National Level Camp for Tracking and other Adventure Activities** at Solan Nala, Manali District Himachal Pradesh during 13-23th June 2012.
- ❖ **Participation along with NSS Volunteers in the Paryavaran Sanrakshan Jan-Jagaran Rally** on the occasion of World Environment Day on 5th June 2012 organised by NSS DAVV Indore in association with Vigyaan Bharti and M.P. Pollution Control Board, Indore.

Submitted By:

Ajeet Bergaley

Assistant Professor(Mechanical Engineering)

Programme Officer NSS Unit, IET-DAVV Indore.

ANNEXURE VI

IET DAVV

SPORTS ACTIVITIES

IET DAVV

SPORTS EVENTS REPORT

University Teaching Departments' Sports Association has organized its annual sports meet between 23rd to 25th Feb 2012. Under this event different game was played by all the UTDs of DAVV. IET has also participated in all the games i.e. Cricket, VolleyBall, Chess, Table Tennis, and Badminton.

IET secured First Position in Chess, Second position in Volleyball and Table Tennis, third Position in Cricket.

This performance of the players of IET leads to secure ***Overall Runners -UP*** of the sports meet.

ANNEXURE VII

STUDENTS PLACEMENT 2011-12

SUMMARY OF PLACEMENTS 2011-12

<i>Sr. No.</i>	<i>DESCRIPTION</i>	<i>Value</i>
1.	No. of Companies Visited for batch 2011-12	29
2.	Total Offers Made	441
3.	Students Placed	295
4.	Annual Average Package Offered	4 Lacs
5.	Highest Annual Package	9.15 Lacs

SR.NO.	COMPANY	DATE	MECH	E&TC	E&I	COMP A	COMP B	IT	M.E.	MSc	TOTAL
1	L.G.	21ST JULY	0	0	0	0	0	0	2	0	2
2	VOLVO EICHER	28TH JULY	4	0	2	0	0	0	0	0	6
3	TAFE	30TH JULY	4	0	0	0	0	0	0	0	4
4	TATA TECHNOLOGY	1ST AUG	7	0	0	4	0	3	0	0	14
5	INFOSYS	2ND SEPT	10	17	14	35	29	19	6	1	131
6	ACCENTURE	6TH SEPT	3	13	12	18	15	12	0	0	73
7	WIPRO	8-9 SEPT	8	23	15	27	18	17	15	0	123
8	CAPGEMINI	10-11 SEPT	1	2	0	1	1	3	0	0	8
9	LNT INFOTECH	12TH SEP	1	0	0	0	0	0	0	0	1
10	ADOBE	26-27 SEPT	0	0	0	2	1	0	0	0	3
11	CSC	28TH SEPT	0	0	0	1	0	0	0	0	1
12	IMPETUS	29TH SEPT	0	0	0	0	1	0	0	0	1
13	ATOS ORIGIN	10TH OCT	0	2	4	1	0	1	1	0	9
14	MU-SIGMA	1ST NOV	2	0	0	5	4	0	0	0	11
15	IGATE-PATNI	2ND NOV	1	4	2	1	2	1	0	0	11
16	HONDA CARS	16TH NOV	4	0	0	0	0	0	0	0	4
17	MAHINDRA TWO WHEELERS	18TH NOV	3	0	0	0	0	0	0	0	3

18	FISERV	1ST DEC	0	1	0	0	0	4	0	0	5
19	LNT-ECC	3RD DEC	0	0	1	0	0	0	0	0	1
20	AVANTHA POWER	9-10 DEC	7	1	3	0	0	0	0	0	11
21	SANKALP SEMICONDUCTER	13TH DEC	0	2	0	0	0	0	0	0	2
22	NEC-HCL	6TH DEC	0	0	0	1	0	0	0	0	1
23	FORCE MOTORS	18TH DEC									RA
24	TECHLINK	20TH DEC	0	0	0	0	1	0	0	0	1
25	WIPRO-VLSI	4TH JAN	0	4	0	0	0	0	0	0	4
26	MAN TRUCKS	4TH JAN	3	0	0	0	0	0	0	0	3
27	KIRLOSKAR GROUPS	12TH JAN	4	0	0	0	0	0	0	0	4
28	I-DESIGN	30TH JAN	3	0	0	0	0	0	0	0	3
29	JOHN DEERE	9TH MARCH	3	0	0	0	0	0	0	0	3
	TOTAL OFFERS		71	69	53	96	72	60	24	1	441

ANNEXURE VIII (A)

SAE CLUB

The following were the important SAE (Society of Automotive Engineers) activities carried out during the last year

- 1 Students of Mechanical Engineering SAE BAJA Club IET for participated in VIRTUAL BAJA SAEINDIA 2011-12.
- 2 Baja is an event started under the banner of SAE INDIA in 2007. It is a platform given to young aspiring engineering students of various colleges across India to apply their engineering skills and knowledge in designing and fabricating an All Terrain Vehicle (ATV) under the guidelines and rules issued by BAJA. Our college team as Team NEBULA participated consecutively from last 2 years in BAJA 2011 and in 2012, we were in runners up in Go Green category last year and this time we were the winners our whole journey of Baja 2012 is illustrated below.

VIRTUAL BAJA

- 3 It was all started with the team's registration in virtual BAJA. Team comprises of 23 members of Mechanical Engineering Dept. Of IV, III and II year. In virtual it was required to virtually design the ATV considering all the constraints and checking vehicle on 3-D Modelling Software (PRO-E) & FEA software (ANSYS) on each and every prospect to achieve the best performance of the vehicle. So prior to manufacturing above software validate that it can sustain the all the loads and perform satisfactorily. Team NEBULA presented the design in Bangalore at Dyanand Sagar Institutions. Total 220 team across India have participated for these events and total 100 were selected out of them for main event.

MAIN BAJA

- 4 It took about 4 months of days and nights to fabricate our vehicle. We fabricated ATV in our college Workshop. After the fabrication there was held a local level technical inspection in which the inspector judged us on some 70 rules laid by BAJA'12 we cleared it 100 percent. Now was time for main event in Pithampur from 16 to 19th February 2012.
- 5 2.2.1 FIRST DAY (16 February 2012)
- 6 There was on site Technical inspection on 16th. It comprises of Engine Check in which they check the RPM of engine and gave Ok sticker when we passed then there was GO-No gauge in which they checked overall length and height of vehicle which we passed successfully. Then there was 45 deg. Tilt test in which they checked whether fuel is spilling or not which also we successfully. Then they checked our vehicle on some points of rulebook constraints and safety norms in which they pointed out some 4 points to correct. We also registered for Go- Green category in which it was required to make a model describing the after treatment process to reduce emission and was also required to give the presentation judges really liked our model and poster.
- 7 2.2.2 SECOND DAY (17 February 2012)
- 8 We corrected all points needed to be corrected and then they passed us in inspection and then proceeded for further rounds first one was figure of 8 test in which it is required to complete 8 figure drawn by them which we passed on. Then we went on for panic braking test in which it was required to brake the vehicle in a particular distance which we passed in 2 rounds. Then we went on for Static Evaluation in which they checked our design on Innovation, Craftsmanship, Roll cage, Suspension, Steering and Brakes and Marketing and Cost point of view in which did well by describing our each and every point of design.

9 2.2.3 THIRD DAY (18 February 2012)

- 10 18th was the of Dynamic event. First one was Acceleration event in which it is required to accelerate the vehicle upto certain distance in minimum time we did it fairly well. Then there was Manoeuvrability in which vehicle was tested on rough terrain we did it fairly well. Then there was hill climbing of 45 deg we did it in first attempt thus how ended third day.

2.2.4 FINAL DAY (19 February 2012)

- 11 This day Endurance Event was going on which is of 4 hrs of racing the ATV. We checked our vehicle from all points and finally we were ready for endurance. Race started on well we completed our 7 laps quite well and opted for refuelling then re entered the race everything was going well but suddenly our Gearbox got broke on race was ended for us at that point .

ANEEXURE VIII (B)

ISHRAE IET student chapter

The following were the important ISHRAE (Indian Society of Heating Refrigerating and Air-Conditioning Engineers) activities carried out during the last year

Technochill 2012

Institute of Engineering & Technology, Devi Ahilya Vishwavidyalaya (IET-DAVV), Indore hosted annual techfest '*Technochill 2012*' for the Indian Society of Heating Refrigerating and Air conditioning Engineers (ISHRAE) Indore's various students member on February 15, 2012 in the University auditorium. The programme is an annual feature of ISHRAE activities for student of the various collegiate chapters. The programme has technical and motivational lectures, quiz competition '*Quizwiz*', technical workshop and cultural fest '*Culfest*'. The following student chapters took part in the event.

1. Chameli Devi Institute of Technology and Management (CITM), Indore
2. Institute of Engineering & Technology, Devi Ahilya Vishwavidyalaya (IET-DAVV), Indore
3. Indore Institute of Science and Technology (IIST), Indore
4. Malwa Insitute of Technogy (MIT), Indore
5. Medicaps Institute of Technology and Managenent (MITM), Indore
6. Shri Govindram Sekseria Institute Technology and Sciences (SGSITS), Indore
7. Sushila Devi Bansal College of Technology (SDBCT), Indore
8. Swami Vivekanand College of Engineering (SVCE), Indore
9. TRUBA, Indore
10. Vindhya Institute of Technology (VIT), Indore

It started at 08:30 am with the registration of the students from various student chapters. In the inauguration ceremony, Mr. Deepak Kemkar, CEO, Cristophiya Energy Systems Pvt. Ltd. Indore was the Chief Guest. It was presided over by the Director, IET-DAVV, Indore. At the outset, Dr. Ashesh Tiwari, Head of Mechanical Engineering Department, IET-DAVV, welcomed all the ISHRAE office bearers and members, the faculty advisers from the various institutes and all the

students attending the programme. Mr. Deepak Arzare, President, ISHRAE Indore Chapter, Indore informed about ISHRAE to the audience. He outlined the various activities that are carried out for both the students and practitioners alike. There are various activities planned for the students throughout the year. It includes technical lectures, technical visits, projects and technical workshops. The students, in addition to this, get journals in the form of CDs. The director of IET-DAVV, Dr. Sanjiv V. Tokekar addressed the gathering by taking the message further for all the students to work hard in take part in such technical events. In the technical talk delivered by the keynote speaker Mr Kemkar, he talked about the avenues that lie ahead of all the budding engineers in field of Heating Ventilation Air-conditioning and Refrigeration (HVAC&R). He said that whichever industry grows HVAC&R is coupled to it. This is so because HVAC&R is concerned about providing comfort to human which form the workforce in any organisation. Secondly the various industries include process industries where the temperature and humidity needs to be controlled to perfection the carry out the desired process, or retail sector where the products should be stored and displayed, or cold chain, or entertainment, or travel. If any such industry grows HVAC&R is bound to grow. It is the industry which requires a relatively lesser amount of capital investment. His talk encouraged the students to take up career in HVAC&R.

The second talk was delivered by Mr. Akash Sethiya, CEO, CH-Edgemakers, Indore. He motivated the students to be creative in their lives. He emphasised that one should always be creative to approach to any problem. It was followed by the quiz competition *Quizwiz*. It was conducted by Mr. Sapan Shah of ISHRAE, Indore. The quiz covered many subject domains applied in HVAC&R, from fundamentals to difficult. In all there were 10 participating team in the competition. The winner of the quiz was Medicap Institutes of Technology and Management(MITM), Indore. The winners shall compete nationally in Banglore on Feruary, 25 2012. The runners up were IET-DAVV and Malwa Institute of Technology (MIT), Indore. The *Quizwiz* was followed by the lunch break.

In the post lunch session, ISHRAE had arranged a technical live interactive workshop. The Air-conditioner was laid open and shot live to a gathering of more than 300 student members. The experts Mr. Chandragupta Jain, Mr. Nishant Gupta, Mr. Prashant Pavecha and Mr. Deepak Arzare, explained the entire working of the window air-conditioner to the student. It was done with live video projection on a big screen and simulated version of the working in a separate projection. The student were given time to interact with the experts and satisfy all of their queries.

The last event was the *Culfest*. It is a regular feature of *Technochill*. The students from almost all the participating colleges took part in *Naachle* and *Filmistan*. The former is the dance competition while the latter is the skit competition. The winner in both the events was IIST, Indore. The runners up in *Naachke* was IET-DAVV, Indore and MITM, Indore while those in *Filmistan* were the students from MITM, Indore and SCBCT, Indore. The event drew to a close after valedictory. The entire event was compered by student members Ms. Ruchi Natani of SGSITS, Indore and Ms

Diksha of IET-DAVV, Indore. The vote of thank was delivered by the ISHRAE-Indore, Student Activities Chair Dr. Sharad Chaudhary.

Report Prepared by Dr. Sharad Chaudhary, Faculty Advisor, ISHRAE Student Chair IET-DAVV

ANNEXURE VIII (D)

Student's Forces Club Activities

UDAAN 2011-12

IET – DAVV

FORCES club of IET has celebrated its annual event **UDAAN 2K12** on 15th & 16th Feb. 2012 at IET campus. In this event different activity was organized by the organizing committee of the event. The students of IET as well as other institutions have participated in these events.

The program started with the inaugural speech of the director IET. On 15th of Feb 2012 different fun events like *Line Angry Birds, Sittolia, Gully Cricket, Slow Bike Race DJ Night* etc was organized & students actively participated in these events.

On 16th Feb 2012 the events like Street Football, Bollywood Quiz, Salesman of the year, Pint Ball, Chalchitra, Roadies, Story writing, Best out of Waste, War of Bands, etc was organized and very much enjoyed by the faculties and students. Inter college Dance competition was organized on 15th Feb 2012 and that was won MEDICAPS Institute of Tech & Mgmt. A Fashion show (Group) has been organized on 16th Feb 2012 that was won by KHALSA College of Indore.

Students' discipline and efforts of organizing committee was the key to grand success of the event.

ANNEXURE VIII (D)

IET Student Branch of Computer Society of India

"The beginning of knowledge is the discovery of something one donot understand."

- 1 The IET Student Branch of Computer Society Of India organized a Two Day Event called "Quiz Trix" exclusively for the Second Year students of the college. The quiz was organized by Mayank Sharma(President, CSI-IET) and Pooja Gupta(Vice President, CSI-IET) and conducted in two phases with the preliminary round held on 5th August' 2011. The preliminary round was a written test paper with questions based on general awareness. A total of 136 students,working in a team of 2, took the quiz with brimming zeal. The organizers and volunteers worked constantly for the proper execution of the event.
- 2 The 6th of August' 2011 witnessed the next phase of the event. The quiz was enthusiastically conducted by the quiz master, Mr.Mayank Sharma, President of the IET Student Branch. The second phase included a series of Knockout Rounds in which the top

20 teams participated. The elimination rounds were conducted to get the top 10 teams who outperformed other participants. The finale was held between the top 6 teams which included fascinating rounds such as Audio-Visual, Who's Who with the highlight of the event being the Buzzer Round. A combined effort of the technical team of the Computer and Telecommunication students was reflected with the quiz questions prepared by Puneet Kala ,Jayant Purchase & Kumar Shanu and the circuit for the buzzer set up by Ishaan Lad, Sumeet Sanse and Suvipra Nema.

- 3 Many exciting prizes like original Antivirus, Headphones, Games DVD's were given encouraging the spirits of the final qualifying teams. The goodies were also distributed among the audience who correctly answered the questions.
- 4 The Tic-Tac-Toe game played with the audience made the quiz more enthusiastic and interactive. The entire organizing committee worked with great zeal and relished their experience to the core. With such an enthusiastic response in its very first event of the session, the CSI-IET Team promises to continue its efforts of promoting knowledge among its students, taking it to the next level.



ANNEXURE VIII (E)

Brief Report of Activities organized in 2011-12

Date : 16 July, 2012
16072012-01

Ref No.

A short seminar on “Introductory Robotics” was organized by the IEEE Student Branch, IET and EWB Student chapter, IET on Jan 26, 2012 in Computer Science block, IET for 1st year Students of the institute. The Speaker in seminar was Mr Nipun Kanade. The Seminar was attended by 137 students. Students were charged a nominal fee of Rs 10. The Fund raised was shared equally between IEEE SB, IET and EWB IET.

A hands-on workshop on Robotics was organized by the IEEE Student Branch, IET and EWB Student chapter, IET on February 12 for all students of the institute. Mr Nipun Kanade was the main speaker and trainer at the Workshop which was attended by a total of 49 students. It was a complete practical session stretched for 9 hours starting from morning 9 AM to evening 6 PM. In this time the students made 2 robots, one wired and one wireless. The event was a big success with the students learning how to make a working robot from scratch.

On 23 March 2012, a PCB Design workshop was organized in collaboration with EWB Student Chapter, IET for all students of Indore. It had 98 attendees including faculties from other engineering colleges as well. The workshop gave a complete hands on experience to PCB (Printed Circuit Board) designing technology starting with using EAGLE CAD. It also covered routing techniques, live demonstration and hands on to Toner Transfer and Screen Printing method to fabricate the circuit boards. The students were enlightened and had a richer knowledge base when they left the event.

On 14th July 2012, Mr. D.P Kothari, Fellow, IEEE addressed students and faculty of the institute on the topic of “Energy and Environmental Problems Facing the Third World and their probable Solutions”. Addressing the gathering in a friendly manner he pointed out the key energy challenges that are being currently faced. 60 students and faculties attended the event.

Anexure VIII(F)

ABACUS CLUB

List of Events for Year July 2011- June 2012

Name of Event	Day & Month	List of Activities
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Genesis	7th August 2012	Fun based event for 1 st year students
Deeksha	15th September 2011	Grey Carnage(G.K Quiz) Cool Clique(Fun Event) Stage Seizure(Skit Competition)
Kaleidoscope	18th-19th February 2012	Stuntmania War of Strings Adventure Sports Paintball Melophilia Stage Events Workshops & Seminars

Dr. Ashesh Tiwari
(Club Advisor)