Contents

Page No.

Research facilities

About ABV-IIITM

ABV-Indian Institute of Information Technology & Management (IIITM), Gwalior, a deemed University has been established by the Government of India. IIITM is a reputed Institute both in the areas of IT and Management. It strives to become a brand name as a world class Institution. The Institute has a vision to achieve this goal through research and teaching so as to shape students into innovative, enterprising and confident individuals, who could take leadership roles. Both information technology tools and management concepts have been integrated to create a synergetic approach for rendering techno economic solutions. The Institute awards degrees at Masters and Doctorate levels. The Institute is built on a 150-acre campus and has competent faculty and state-of-the-art labs. The campus is self-contained with all the basic amenities. The endeavor is for all round development of students' personality. Activities are aimed at developing amongst students a culture of inquiry and research. The focus is on close student-faculty interaction and linkages both with industry and worldwide leading academic institutions. These linkage include curriculum design and development, summer internship projects and placements.

When scholars arrive in campus as a graduate student in different spheres of information technology and management. they feel honored to become part of the legacy and tradition of ABV-IIITM. ABV-IIITM is more than just a place where one studies and works - it is a place that brings people together as a community and binds them in the shared pursuit of knowledge. It represents a distinctive mix of eminent scholarship and democratic ideals. It is located in Gwalior city in northern part of the state Madhya Pradesh, India.

Established by the Ministry of Human Resource Development, Government of India in 1997 to nurture information technology (IT) and management education in the country, this autonomous Institute is pioneer in IIIT series and vanguard of imparting superior quality higher education and pertinent skills in the fields of information technology and management. The institute was conferred with the status of deemed university in the year 2001. It is the provenance of innovations throughout its history.

In 1992, the Ministry of HRD set up an apex committee under the Chairmanship of Dr. P G Reddy to review the overall scenario in the country with regard to software education & training. It recommended setting up of Advanced Information System Institutes on the pattern of IITs and IIMs in the country. IIITM is fallout of this initiative and was established in 1997.

The institute serves as a premier institution in the field of IT and Management. Over the years, the Institute has been providing skilled Techno-Managers to the IT industry in various techno-functional roles with elan. The institute campus is spread over 150 acres amidst picturesque

landscape in the foothills of the Gwalior Fort. The campus is self-contained and equipped with all the state of the art facilities necessary for the all-round development of the students' personalities.

In pursuance of vision of 'global excellence in knowledge economy', the institute's missions are:

- Teaching and research with focus on emerging technologies, business process and high-tech solutions in low-tech environment;
- Integrating technologies and management in cross-cultural environment;
- Shaping students to be innovative, entrepreneurial, supportive, assured and international.

The Institute consists of large buildings, including academic set ups, hostels with open porches and cozy rooms for the students. Besides the mentioned, the sports amenities and medical services offered by the institute are also noteworthy. Myriads of course offerings, world class library resources and state of art developed laboratories are essentialities of the campus.

The foundation of Institute's accomplishments is the outstanding faculty and staff who work here. By bringing together a varied collection of human assets the institute has benefitted from the differing skill sets, knowledge, perspectives and strengths that each person conveys. The Institute believes in collaborative and entrepreneurial environment, which facilitates people to come together in exhilarating and industrious ways.

Organization of the Institute

ABV-Indian Institute of Information Technology & Management (ABV-IIITM) is an apex institute set by Ministry of HRD, Government of India, established for education, research and training in the cusp areas of IT and Management. The institute is recognized as a deemed to be university under section 3 ofthe UGC Act. The primary objectives of the institute are to:

- create an environment of learning and training that enhances knowledge and inculcates a continuous process of self-evaluation;
- develop innovative study programs and customized support services in keeping with current demands of the market;
- channelize information technology enabled solutions towards offering business solutions. achieving economic growth and establishing social parity;
- undertake outreach activities and extension programmes that contribute to societal needs.

The institute governance structure constitutes of Board of Governors and Academic Senate. The institute functions through this governance structure in all aspects of academics, finances and planning for the institute. The Board of Governors is responsible for overseeing the administrative and business affairs of the institute and these include issues such as tuition policy, the institute budget & finances and campus buildings. The Academic Senate is responsible for all academic issues at the institute and these include matters such as admissions, examination policy, academic discipline and student awards. The Academic Senate also approves course curriculum and new faculty recruitments.

Vision & Mission of the Institute

The Vision :-

"Global Excellence in Knowledge Economy "

The Mission :-

- Creating a learning environment with focus on research for emerging technologies and business processes for high-tech solutions in low-tech environment.
- Integrating IT technologies and management concepts in cross cultural environments.
- Shaping students to be innovative, entrepreneurial, supportive, assured and international.

Chairman's Message

ABV-Indian Institute of Information Technology & Management is an apex institute established by Ministry of HRD. The institute has a unique mandate of synergizing IT and Management in teaching, research and education. The institute is able to attract quality students in all its academic programmes. I am happy to learn that academically the Institute has continued to make progress, with an increase in sponsored research projects, together with the opening of new laboratories in the Institute. I am also happy to learn that the International conference on Environment and Sustainability has attracted wide participation. The infrastructure of the institute is remarkable and this year also we have added new buildings to improve the quality of life on the campus. The campus placement seems to be satisfactory. Faculty recruitment is a big challenge and needs to be tackled in its entirety.

The board members have been very encouraging and supportive. I am thankful to all of them. The Ministry of Human Resource Development, Department of Higher Education has continued to be supportive to the Institute and our statutory committee meetings and other interactions with the Ministry have found active participation by nominees of the Ministry and other officers, which has greatly benefitted the Institute. The Ministry has been most helpful in our academic and other initiatives and has also strengthened our academic autonomy by giving us complete freedom of action in this behalf.

The faculty, staff and students need to be complimented for their valuable contributions. I am sure ABV-IIITM will be able to create a unique holistic educational ecosystem that will foster front-edge research, learning and entrepreneurship. My expectation is that it must provide an environment wherein students and faculty are not afraid to experiment and collaborate with others and be able to create a niche for itself.

My best wishes to the ABV-IIITM family.

Vinay Kumar Modi
Chairman BoG

Director's Report

Welcome to this edition of the annual report of the institute for the year 2013-2014.

ABV- Indian Institute of Information Technology & Management (ABV-IIITM) was established by the Ministry of Human Resource Development, Government of India. Its primary objective is to promote education, conduct research and perform extension and outreach activities in the cusp areas of IT and Management. The campus is widely acclaimed as being among the greenest in the central India. It is home to a community of people, and several species of butterflies, birds, reptiles and plants.

The Institute offers research based masters and over the years, quietly but surely, we have also built a strong research tradition, which is easily seen in the impressive statistics that the Institute can boast of in terms of various research indicators. Specially, we have continuously improved on our credentials in research as evidenced by way of publications in Scopus (more than 500) . In the reported period, we have 10 scholars receiving the Ph.D degree. We have been able to attract quality students at Ph D level.

ABV-IIITM is committed to provide excellent human resource to meet national needs and global expectations. It is a unique institution and a dream destination for those who wish to be leaders in the cusp areas of information technology and management. We are steadily being recognized for delivering quality education at the IPG and PG level, while endeavoring to become a good research institution. It is also to be noted that the Task Force of MHRD for deemed universities has restored our status to Class A institute.

I am happy to report that the institute has been bestowed with the following awards/professional recognition:

1. CMAI MP Educational Excellence Award for Best IT Institute in Madhya Pradesh, by CMAI
2. B-School with industry related curriculum award by Bloomberg UTV
3. 12th Rank in Silicon India – "What if not IIMs" Survey of 100 Top B-Schools in India
4. B-school leadership award by DNA & Stars of Industry Group

While excellence has many parameters, setting up of state-of-the-art teaching and research infrastructure does require financial resources. With the support from the Government of India, ABV-IIITM has been able to create an excellent infrastructure. The central Government has supported us with generous funding for which we are grateful.

Academic Programmes

Our academic programmes cover both IT and Management disciplines. Our IPG program, which continues to be a flagship programme and is also the most sought after and for which the entry is through the Joint Entrance Examination, and during the year 2013-4, 581 IPG students were on roll. The Institute is proud of its post-graduate programme offering Master of Technology programs in four specializations of Computer Science & Engineering besides MBA and Ph.D programs. These programs provide an excellent platform to the students admitted into them, to acquire advanced knowledge in their respective fields.

Sponsored Research & Extension

ABV-IIITM gives high priority to research and development projects sponsored by national agencies, along with academic research leading to doctoral degree. The research funding received from national research agencies also goes a long way in supporting and enhancing academic research and quality of teaching. This year we got 2 projects funded along with one internationally funded project supported by National Science Foundation (NSF).

The Institute is sensitive towards the need to strengthen management education in the country, and continues to evolve suitable Faculty Development Programs (FDP) for this, from time to time. This year, we conducted 3 FDPs and 1 training programme for employees of MP Electricity Board. One summer internship programmes was also offered.

Conferences and workshop

As in the past, the institute has hosted conferences and workshop as a part of our mandate. The fifth HRM summit was a success and was able to attract several speakers from professional world. The International conference on Environment, Sustainability, Technology and Development, jointly hosted with University of San Francisco (USA) and Institute for Social & Economic Change, Bangalore was a huge success drawing experts and participants from aboard and all over India.

The institute also supported hosting of Hamfest 2013 on our campus which gave an opportunity to interact with Ham radio enthusiasts from all over the country.

Faculty

It is a well known fact that the quality of an academic institution largely depends on its faculty. Our faculty is one of the finest in the class and is recognized for their quality of research and teaching. Many of our faculty members serve on the editorial boards of reputed journals, peer-review papers for publications, and also serve on various committees. Four of our faculty members also visited abroad for participating in international workshops/conferences.

Staff

The institute takes pride in having committed staff on its roll. The staff members are encouraged to participate in training programmes. Three members of our staff (including registrar) have undergone training programmes to enhance the skill set and be committed to delivery of quality service.

Student Activities

Apart from concentrating on academic activities, the Institute also places an emphasis on an all round development of its students. The Institute has, therefore, created excellent infrastructure for a variety of co-curricular and extra-curricular activities such as sports, student publications, robotics as well as cultural and welfare programmes. The Student Activity Council (SAC) plans, organizes and manages the various student activities throughout the year. As in the past, Auroa (cultural festival), Twaran (sport festival), and Infotsav (technical festival) attracted wide participation and good quality response.

Training & Placement

A total of 20 companies have visited the campus for placement, resulting in attractive placement for about 100 students this year. A new trend has been set, with a Japanese company visiting this year. The quality of placement has improved with average package going up and new companies coming to the campus. Various modules for personality development were also given to students.

Infrastructure

The Institute has made consistent efforts in building its infrastructure to cater to the needs of its envisaged plans and for better amenities. Besides planning and building new hostels and additional academic space, the Institute is also engaged in a massive exercise of adding new academic blocks and other buildings on the campus.

We also added more than 200 computers and also upgraded our infrastructure. About 2000 books were added in the library.

Other activities

A five days brief Translation Training Course was held during 9 Dec to 13 Dec 2013 which received

good response. The "Hindi Pakhwada" was celebrated during 14th to 29th Sept'13. During this period, many events were organized like-quiz, debate, handwriting, competition, poster making competition, slogan writing , essay, poem writing ,etc. A "Hasya Kavi Sammelan" was also organized during this period.

The institute boasts of a green campus. This year also we continued to have a vigorous tree plantation drive. About 300+ trees were planted on the campus. Our Chairman Mr. Vinay Kumar Modi , Dr. V. K. Saraswat, ex-chief of DRDO , Prof Stephen of University of San Francisco, were some of the dignitaries who have planted trees on the campus. Shri Khamuram Bishnoi, a noted tree activist and General Secretary of "Paryavaran evam Vanya Jeev Sanrakshan Sanstha", Jodhpur motivated us on tree plantation.

I am also happy to report that we were able to host a Fulbright fellow on our campus, Dr Stephen Zavestosk from University of San Francisco.

Acknowledgement

We would like to acknowledge the support received in abundant measure from the Ministry of Human Resource Development, the various funding agencies, and the collaborating institutions. I personally acknowledge the support and encouragement I have received from the Chairman, Mr. Vinay Kumar Modi. I would also like to record my special thanks to the Members of the Board of Governors. I place on record the cooperation I received from all my colleagues and staff, and extend my appreciation to the students for their behavior and their contributions towards enriching the campus life.

The team under the guidance of Mr. Sanjay Bhatnagar, Registrar deserves appreciation for bringing out this annual report.

S.G. Deshmukh
Director

Recognition/Awards and laurels won by the institute

S.No.	Award/Recognition	Year
1	B-School with Industry Related Curriculum in Information Technology., Lokmat Leadership award	2014
2	CMAI MP Educational Excellence Award for Best IT Institute in Madhya Pradesh, by CMAI	2013
3	B-School with Industry Related Curriculum Award by BloombergUTV	2013
4	12th Rank in Silicon India – "What if not IIMs" Survey of 100 Top B-Schools in India	2013
5	B-school leadership Award by DNA & Stars of Industry Group	2013

Quick Facts

Publications by faculty in last five years in Refereed Journals/Conferences/Workshops (as per SCOPUS indexed database)	532
Ongoing Research Projects from external funding agencies	10
Ph. D. Awarded till date 31st March 2014	47+
Books published by the Institute faculty	20

Financial Summary

A.	Grant received during the Year 2013-14 :			
	Plan	:	₹.	1,385.00 Lakhs
	Non Plan	:	₹.	963.90 Lakhs
B.	Institute Receipts during the Year 2013-14 :			
	Institute/Hostel Fee	:	₹.	466.59 Lakhs
	Other Receipts	:	₹.	38.60 Lakhs

Annual Accounts for F.Y. 2013-14

S. No.	Particulars	Amount
1	Amount spent on procurement of books for library in F.Y. 2013-2014	31,34,626/-
2	Amount spent on subscription of journals for library in F.Y. 2013-2014	71,59,495/-
3	Amount spent on procurement of software in F.Y. 2013-2014	41,91,875/-
4	Amount spent on the student related activities in F.Y. 2013-2014 (i) Aurora (ii) Infotsav (iii) Twaran / Urja (iv) Insurance	36,06,014/-

Milestones in the History of the Institute

Approval by Cabinet Committee	January, 1996
Foundation by Late Shri Madhav Rao Scindia (the then Minister of HRD)	January 17, 1996
Approval of Memorandum of Association (MoA)	May 28,2003
Year of setting up	1997
First meeting of the Board of Governors at Delhi	January 17, 1997
Registered under the Societies Act (1957)	January 30, 1997
First batch of Post Graduate Diploma in Management and IT started	July 27,1998
First Project Director Assumed the charge	October 09, 1998
Logo of the Institute approved (8th BoG Meeting)	September 06, 1999
Selection of the Architect Construction project given to Ed. CIL	December 22, 1999
Recognized as Deemed University by UGC	March 26, 2001
Institute shifted from MITS campus to own campus in Morena Link Road	August, 2002
Occupation of Girls Hostel	July 15, 2002
Inauguration of Academic Block	December 25, 2002
First Convocation	December 25,2002
First Ph.D. Awarded	2004
Inauguration of the Administration Block	April 7, 2007
First Alumni Meet on the Campus	Aug, 2008
Occupation of BH-2	July 10, 2008
ISO 9001,2008 Registration	April, 2010
Launching of Butterfly Conservatory	April 2, 2010
Occupation of Sports complex	Sep 30, 2012
Inauguration of Block - 5	July 24, 2013

Institute Infrastructure

Total Area	150 (Acre) / 2,35,445 (Sqm)
Area Constructed	56,705 (Sqm)

Assets/Building Resources

- Students Hostels   4
- Boys hostels   3
- Girls Hostels   1
- Recreation   1
- Sports Complex   1
- Open Air Theatre   1
- Auditorium   1

- **Work in progress 2013-14**

  Pocket A
  - Computational Hub
  - Convention Centre
  - Learning Resource Centre
  - Lecture Theater-2

  Pocket B
  - EDP Centre
  - Post Office
  - Hospital
  - Faculty Houses
  - Bank
  - Shopping Complex
  - Primary School

Hostels

No.	Name of the Hostels	Capacity
BH 1	Aravali	313
BH 2	Nilgiri	311
BH 3	Shivalik	258
GH	Gangotri	135+60
	Total	**1077**

Barrier free environment

The institute is sensitive to the needs of Persons with Disabilities (PwD). As a part of our commitment, institute has attempted to make the campus as a barrier-free environment. However, there is a scope for improvement.

Details of provisions for Barrier free environment for PwD

Sr. No	Name of Building	Ramp	Rail	Toilet
1.	Admin. Building	Yes	Yes	Under Progress
2.	Deptl. Block A	Yes	Yes	Yes
3.	Block-B(L.T.-I)	Yes	Yes	Yes
4.	Deptl. Block-C	Yes	Yes	Yes
5.	Deptl. Block-D	Yes	Yes	Yes
6.	Deptl. Block -E	Yes	Yes	Yes
7.	Deptt Block-5	Yes	Yes	Yes
8.	Boys Hostel-1	Yes	Yes	Under Progress
9.	Boys Hostel-2	Yes	Yes	Under Progress
10.	Boys Hostel-3	Yes	Yes	Under Progress
11.	Girls Hostel	Yes	Yes	Under Progress
12.	Cafeteria	Yes	Yes	Under Progress
13.	Sports Complex	Yes	Yes	Under Progress
14.	Visiting Faculty Hostel	Yes	Yes	Under Progress
15.	M.D.P. Centre	Yes	Yes	Yes

Other facilities available for PwD :

1) Two electric Golf Carts.

2) Wheel chairs in hostels and in dispensary

3) Ramps are also available at

   i) ATM

   ii) Entry to Seminar Hall and

   iii) Dispensary.

Managing Institute

The Institute is managed through a Board of Governors (BOG) headed by a Chairman. The BOG provides directions and is assisted by various committees for specific issues of finance, building and works, research etc. Academic senate, chaired by Director of the Institute, decides academic policy of the Institute with respect to curriculum, courses and examination results etc. Director is responsible for running day to day affairs of the Institute, strengthening the core faculty, ensuring smooth running of classes, providing basic facilities for faculty, staff and students etc. He is Chairman of Building & Works Committee (B&WC) as well as Academic Senate.

All efforts are being done made to create academic friendly atmosphere in the institute. Director in particular takes at most care to provide all the necessary facilities including excellent infrastructure for sports and other recreational activities.

Board of Governance

The present composition of the Board of Governors is as follows:

S.No.	Name	Designation
1.	**Shri Vinay Kumar Modi,** Modi House 4-7C, DDA Local Shopping complex, New Friends Colony, New Delhi 110025	Chairman
2.	**Prof. S. G. Deshmukh,** Director, ABV-IIITM, Gwalior-474015	Member
3.	**Shri Alok Mishra** Director (IIITs), Room No. 516, "C" Wing, 5th Floor Ministry of Human Resource Development, Shastri Bhavan, New Delhi - 110 115	Member
4.	**Dr. Ajay Kumar** Joint Secretary, (e-Infrastructure / e-Learning Group) Department of Information Technology, Electronics Niketan, 6, CGO Complex, New Delhi - 110 003	Member
5.	**Prof. Uday B. Desai** Director, Indian Institute of Technology Hyderabad Ordnance Factory Estate, Yeddumailaram 502205, Andhra Pradesh, INDIA	Member Member
6.	**Shri Hari Ranjan Rao** Secretary, Department of Information Technology, M P Govt., Ballabh Bhawan, Bhopal.	Member Member
7.	**Prof. Shrikant Lele,** C377 Mahatma Society, Kothrud, Pune-411038	Member Member

8.	**Dr. N. Ravichandran** Director, Indian Institute of Management, Prabandh Shikhar, Rau-Pithampur Road, Indore - 453 331	Member (Upto 31/12/2013)
9.	**Prof. S. Sadagopan,** Director, International Institute of Information Technology, 26/C, Electronic City, Hosur Road, Bangalore-560 100	Member (Upto 20/2/2014)
10.	**Dr. S. S. Mantha** Chairman, All India Council for Technical Education (AICTE) 7th Floor, Chander Lok Building, Janpath, New Delhi-110001	Member
11.	**Shri Pramod Bhasin** Vice-Chairman, Genpact DLF City – Phase V, Sector-53, Gurgaon – 122002, Haryana, India.	Member
12.	**Shri Arjun Malhotra** CEO, Headstrong, 5, Golf Links, New Delhi - 110003	Member
13.	**Shri Ajit Narayanan** CMD, Invention Labs Engineering Products Private Limited, 10-C, 1st Floor, IIT Madras Research Park, Kanagam Road, Taramani, Chennai, Tamil Nadu – 600113 India	Member
14.	**Prof. Anupam Shukla** Professor, ABV-IIITM, Gwalior	Member (upto 26/12/2013)
14 (a)	**Prof. Shashikala Tapaswi** Professor, ABV-IIITM, Gwalior	Member (From 3/1/2014)
14 (b)	**Prof. Deepali Singh** Professor, ABV-IIITM, Gwalior	Member (From 1/1/2014)
15.	**Shri Sanjay Bhatnagar** Registrar, ABV-IIITM, Gwalior	Secretary

Academic Senate

S.No.	Name	Designation
1.	**Prof. S. G. Deshmukh** Director & Chairman, Senate, ABV-IIITM, Gwalior	Chairman
2.	**Prof. Sanjay G. Dhande** Ex-Director, IIT Kanpur	Member
3.	**Prof. Kripa Shanker** Professor, Industrial and Management Engineering Department Indian Institute of Technology Kanpur, Kanpur, 208016 (UP), India	Member
4.	**Dr. H. M. Gupta,** Professor, IIT Delhi, B-52, Gyandeep Apartment, Mayur Vihar, Delhi-110 091	Member
5.	**Dr. Sanjeev Jain** Director, Madhav Institute of Technology & Science, Gole Ka Mandir, Gwalior	Member
6.	**Dr. R. S. Tiwari** Director, Bansal MBA College, Bansal Group of Institutes, Kokta, Anand Nagar, Opposite New Transport Nagar, Bhopal.	Member
7.	**Shri Ajay Krishnan** Director, Business Development (CDO), Cisco Systems (India) Private Ltd., Bangalore	Member
8.	**Shri Suhas Borker,** Head of CFTV News, Mohan alaya, L-19, South Extension Part-II, New Delhi–110049	Member
9.	**Prof. G. K. Sharma,** Professor, ABV-IIITM Gwalior	Member
10.	**Prof. Shashikala Tapaswi** Professor, ABV-IIITM Gwalior	Member
11.	**Prof. Anupam Shukla** Professor, ABV-IIITM, Gwalior	Member
12.	**Prof. Deepali Singh** Professor, ABV-IIITM, Gwalior	Member
13.	**Dr. Mahua Bhattacharya** Associate Professor, ABV-IIITM, Gwalior	Member
14.	**Dr. Manoj Patwardhan** Associate Professor, ABV-IIITM, Gwalior	Member
15.	**Dr. Anurag Srivastava** Associate Professor, ABV-IIITM, Gwalior	Member
16.	**Dr. P. K. Singh** Associate Professor, ABV-IIITM, Gwalior	Member
17.	**Dr. Pankaj Srivastava** Associate Professor, ABV-IIITM, Gwalior	Member
18.	**Dr. Gaurav Agrawal** Associate Professor, ABV-IIITM, Gwalior	Member
19.	**Dr. K. K. Pattanaik** Associate Professor, ABV-IIITM, Gwalior	Member
20.	**Shri Sanjay Bhatnagar** Registrar, ABV-IIITM, Gwalior	Secretary

Academic Programs

An excellent academic environment prevails in this institute that encourages learning at every level. A more interactive and analytical teaching method is pursued instead of conventional processes. At Institute, the teaching methods encourage learners to think and act more proactively and take up even the most challenging assignments with confidence. Students in this institute not only have the best faculty to guide them in their academic endeavours but also are provided with the best infrastructure in forms of latest generation equipments and an all-facility campus.

Academic programmes are not compartmentalised at ABV-IIITM. Here, students pursuing M. Tech are offered lessons in management; while those studying MBA are provided adequate teachings in use and applications of information technology. Student assessment is a continuous process that involves home assignments, classroom tests, laboratory tasks, presentations, projects, and quizzes. The principal idea behind such an approach is to make students self-reliant and confident to face challenging situations.

Integrated Post Graduate - IPG

This 5-year IPG was initiated to offer a synchronized curriculum covering facets of IT and management. Keeping in line with market requirements it is essential to groom professionals who are adapt in handling, demanding, management or IT issues. This course has been particularly designed to address situations that demand a comprehensive solution synchronizing management and IT. Candidates after successful completion of this study course are expected to tackle specific requirements in resource optimization and integration of existing and new technologies.

This is a 5-year or 10 semester course leading to: B.Tech + M.Tech in IT (Information Technology); or B.Tech (IT) + MBA. The first 6-semesters cover the B.Tech curriculum while the remaining 4 semesters could be focused on either M.Tech or MBA. Candidates opting for M.Tech are entitled to stipends.

IPG Programme Admissions

The admission to this programme is through AIEEE and subsequent CSAB (Central Seat Allocation Board) counseling. The closing Ranks of AIEEE for General candidates are shown below:

Year	Closing Rank for General Candidates
2009	23191
2010	19737
2011	18909
2012	18500
2013	26826

Post Graduate - M.Tech (Master in Technology)

This is a 4-semester program ideally completed in two years leading to M.Tech degree in Computer Science and Engineering. The objective of this post graduate course is to create experts and professionals in information technology with a view on developing skills that are able to match the demands of the complexities of present generation in IT industry. Under present circumstances it is essential to have technologies that are sharp and purposeful. The M. Tech program is aimed at developing experts with foci on technical capabilities and managerial abilities.

The institute offers 4-semsester M.Tech programs. in areas of Digital Communication, Advance Networks. VLSI (Very large scale integration). and Information Security. The first two semesters are dedicated for course work while the remaining two semesters are meant for thesis assignments.

M. Tech. Admissions

For admission, institute follows the same procedure as has been adopted at IITs. The admissions are based on GATE score plus personal interview before the expert committee. The following is the relevant statistics.

Year	Applications Received	Number of Candidates Shortlisted	No. of Candidates Selected
2009	476	150	88
2010	830	416	96
2011	1180	570	120
2012	967	656	96
2013	Through CCMT	(Centralised councelling for M Tech under MHRD)	

Post Graduate – MBA

This is a 4-semester program leading to MBA degree. The course has been designed keeping in mind the requirements of present day business trends and industrial outlook. The objective of program is to create innovative professionals for functional areas like marketing, finance, human resources, and business operations. Current generation application areas include SCM (supply chain management), ERP(enterprise resource planning), CRM (customer relationship management), and e-Commerce.

The institute offers following three MBA programmes with their distinctive aims:

- General MBA offers specialization in Marketing, Technology and Operations Management, Human Resource Management, Finance, IT & Systems Management and Social Sector Management;

- MBA in ITES (Information Technology Enabled Services) offers electives in the domain of BPO Management,E-marketing, KPO Management, IT Strategy, Strategic Planning of IS, Consultancy Management, IT Project Management, and Emerging Areas in IT and Systems;

- MBA in PSM (Public Service Management and e-Governance] offers electives in the domain of Public Private Partnerships, Management of Rural and Social Sector, Change Management in Government,Infrastructure Management, Public Services Management, Management of Non Formal Organization, and Sustainable Management.

Students for this program are selected through valid CAT/MAT/CMAT scores followed by group discussion and personal interview.

Doctoral Program - Ph.D.

Each year, ABV-IIITM awards an impressive range of doctoral degrees-the most advanced and prestigious degrees that universities confer. The doctoral program gives students unparalleled expertise in related area of research. Candidates work under ABV-IIITM's distinguished faculty, learning side by side with varied and accomplished scholars. The institute offers doctoral programs in areas of IT and management. Though there are no time restrictions for doctoral programs, they are completed within 3-5 years. Candidates pursuing Ph.D. programs are entitled to stipends depending on norms set by MHRD (Ministry of Human Resources Development) and subject to fulfilment of academic prerequisites as set by the institute from time to time.

Students for this program are selected through written test, presentation, and personal interview conducted by the institute based on best practices followed for admissions. The admission process is transparent, and objective. The advertisement for admissions to M.Tech/MBA/Ph.D. programmes are issued in major national newspapers as well as in the web site of the institute. There is an admission committee for each of the programmes .

Ph.D. Admissions

The admission is based on a written test. presentation by the candidate about potential area of research and personal interview. An expert committee involving faculty from the institute and faculty drawn from IITs/IlMs is constituted for the selection process. The syllabus for the written test is advertised and put on the web. Normally, admissions are done twice a year (as in IITs). The following is the relevant statistics.

Semester	Applications Received	No. of Candidates Shortlisted	No of Candidates Selected
July-2008	102	38	1
Dec-2008	100	22	5
July-2009	103	67	6
Dec-2009	143	67	7
July-2010	93	58	4
Dec-2010	88	48	6
July-2011	158	104	8
Jan-2012	166	56	3
Jul-2012	l62	53	6
Jul-2013	134	107	7

Award of Doctoral Degree (during the year 2013-14) : 10

S.N.	PhD Candidate	Title	Supervisor
1.	Mr. Arun Kumar	CRM Index Development & Validation: A Cross-Industry Investigation in India	Dr. P Acharya Prof. D Singh
2.	Mr. Matadeen Bansal	Cross-Layer Optimization of Wireless Mesh Networks with Advanced Radio Techniques	Prof. A Trivedi
3.	Mr. Neeraj Kumar Jaiswal	Electronics and Trabsport Properties of grapheme Nanoribbons Interacting with Transition Metals	Dr. P. Srivastava
4.	Ms. Neha Tyagi	Ab-initio Study of Structural and Electronic Properties of IV and III-V Nanowires/Nanocrystals	Dr. Anurag Srivastava
5.	Mr. Nafis Uddin Khan	Anisotropic Diffusion Approaches for Adaptive Image Enhancement and De- noising	Dr. K V Arya Dr. Manisha Pattanaik
6.	Mr. Rekh Ram Janghel	Performance Comparison of Soft Computing Models for Breast Cancer Detection	Prof. Anupam Shukla Dr. Ritu Tiwari

7.	Mr. Kunwer Singh Jatav	Modelling of Stage-Structured Populations with Time Delays and Impulsive Changes: Control and Conservation Startegy	Dr. Joydip Dhar
8.	Mr. Sujit Kumar Senapti	Project Management Issues for Enterprise Resource Planning Implementation	Prof. Rajendra Sahu
9.	Mr. Harish Sharma	Design and Applications of Nature Inspired Algorithms	Dr. K V Arya Dr. J C Bansal
10.	Mr. Mukesh Saraswat	Design and Development of a pattern Recognition System for Quantitative Analysis of Histopathological Images	Dr. K.V. Arya

Admissions 2013-14 / Student Strength

Year	Course	Duration	General		OBC		SC		ST		PH		Total
			Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
2013	IPG	5 Year	38	14	33	5	9	4	6	0	1	0	110
2013	M. Tech	2 Year	26	7	31	7	16	1	5	2	3	0	98
2013	MBA	2 Year	32	29	10	5	5	0	0	1	1	0	83
2013	PhD	-	-	-	-	-	-	-	-	-	-	-	7

Students admitted in 2013-14	
Ph.D.	7
M.Tech	98
MBA	83
IPG	110
Total	298

Total Students in 2013-14	
Ph.D.	28
M.Tech	187
MBA	120
IPG	581
Total	916

Student Activities

Events organized during 2013-14

SPIC MACAY	31 July 2013
Independence Day Ceremony	15 August 2013
Teachers Day Celebration	5 September 2013
Hindi Pakhwara	14 to 29 September 2013
Swimming Pool Inaugural Ceremony	17 September 2013
Hindi Pakhwara - Kavi Sammelan	18 September 2013
Infotsav 2013	15 to 17 Nov. 2013
National HR Summit	5 to 6 October 2013
Udbhav Utsav 2013	26 October 2013
Urja 2014	10 to 12 January 2014
Republic Day Ceremony	16 January 2014
Twaran 2014	23-26 January 2014
Aurora 2014	7 to 9 March 2014

Sporting Activities

Urja-

This is an intra-institute Sports Event. Spread over three days during February/March, learners are encouraged to participate in this event at least in the form of a spectator. Athletes are always inspired by the presence of a team of supporters. Urja not only tests one's physical abilities in track and field events but also offers an opportunity for creating a familiar bond among different members or learners.

Twaran-

Twaran is an inter lIlTs athletics meet also held around February/ March every year. Students from four lIlTs in Allahabad, Jabalpur. Kanchipuram and Gwalior take part in this track and field competition with zeal and enthusiasm. In addition to sporting glories achieved, Twaran provides a platform for interacting with IIITians across India.

Cultural Activities and Events

ABV-IIITM encourages its students to participate in cultural events and activities with equal enthusiasm as academics. This institute is an active participant of SPIC MACAY, an endeavour of Government of Madhya Pradesh for promoting classical performance art forms like music, dance, and drama. Cultural groups and celebrity performers from across India are invited to perform in SPIC MACAY.

Music, Arts and Dramatics Club of this institute also organizes events of smaller scale throughout the year for inspiring talents of this institute.

Aurora -

This is a cultural festival held over a period of three days in the month of February/ March. It is celebrating the amalgamation of Indian tradition with modern talent right in the heart of central India. Every year, Aurora represents a medley of artists from all over the country. It is the face of legendary performances, power-packed auditoriums and infinite enthusiasm. Aurora is not just a festival, it is a religion. It attracts a whopping 8,000+ students from more than 70 colleges all over the country. This year three day events were: Parivesh (a fashion show showcasing ethnic Indian dresses); Corna (The rock band competition); Dance Carnival; Aurora Idol; Astitva-The Band; Laugh-Out-Loud and others. This year institute has invited two playback singers, Kunal Ganjawala and Shalmali Kholgade for live performances. Aurora is a regular event in the calendar of ABV-IIITM and is being held without interruption since its inception in 2001.

Technical Events

Infotsav-

The institute organises events that acknowledge technological innovations and management procedures with accolades every year. ABV- IIITM in its continuous efforts to recognize excellence in areas of technology and management among its scholars organizes 'Infotsav' every year. Participants are invited form leading technological and management institutes of this country, while premier industrial and business houses sponsor this event. Awards are in the form of prize money and recognition. Infotsav is organized in every year in the month of October/ November.

Literary Activities

The literary activities of ABV- IIITM are something to boast about. Students, research scholars, faculty, staff members and alumni are free to contribute to the literary efforts of this institute. The institute issues magazines, newsletters and reports for internal and online circulation. Issues are either in English or Hindi and are informative and entertaining. The institute is celebrating every year the Hindi Divas. Hindi Pakhwada and other related events. These events are not just an acknowledgement to mother language but an effort to spread the richness and charm of language .

Tree Plantation done by distinguished visitors

Sn	Distinguished Visitor	Name of Tree	Date of Plantation	Location
1	Dr VK Saraswat, Ex-Chairman, DRDO	Kadamb	24 Jul 2013	Block 5
2	Mr. Vinay Kumar Modi, Chairman, BOG, IIITM	Neem	25 Jul 2013	MDP
3	Mr Santosh Singh, SP, Gwalior	Ashok	3 Aug 2013	Opp Sports Complex
4	Mr Om Poru, Ham Activist`	Ashok	22 Sep 2013	Opp Sports Complex
5	Mr Om Dossu , Ham Activist`	Ashok	22 Sep 2013	Opp Sports Complex
6	Mr Sadhik Shah, Ham Activist	Ashok	22 Sep 2013	Opp Sports Complex
7	Mr Jayant Bhide , Hamfest Activist	Ashok	22 Sep 2013	Opp Sports Complex
8	Dr. Stephen Zavestosk, Univ of San Fransico, USA	Putranjivi	4 Mar 2014	Open Air Theater
9	Shri Khamuram Bishnoi, General Secretary of Paryavaran Evam Vanya Jeev Savrakshan Sanstha, Jodhpur	Bamboo	4 Mar 2014	Open Air Theater

Hindi Cell

In compliance of instructions of Rajbhasha Adhiniyam 1963, Institute had organized a "Hindi Cell" in the Administrative Block of the Institute. Institute also has a "Karlaya Rajbhasha Karyanwayan Samiti". Meetings are held once in a quarter. In these meetings, quarterly progress reports are reviewed and measures are taken for achieving the targets fixed in the Institute. Meeting of the Nagar Rajbhasha Karyanwayan Samiti, Gwalior is attended by the Institute.

With a view to reviewing the progressive use of Hindi in the Institute and as per the provisions of the Official Languages Act, 1963 and Official Language Rules, 1976, **Five days Brief Translation Training Course** was organized by Kendriya Anuvad Bureau, New Delhi from 9/12/13 to 13/12/2013 in the Institute.

Institute also celebrated "Hindi Pakhwada-2013" from 14th to 29th Sept'13. During this period events have been organized like-quiz, debate, handwriting, poster making competition, slogan, essay, poem writing, Documentary on Hindi, Hindi Movie "Jagrati" and "Hasya Kavi Sammelan" etc.

Arunoday, the annual magazine of the Institute is dedicated to the propagation of official language Hindi.

Magazines

Abhishar -

This internal publication in English is published annually. Articles on various topics ranging from technology, economics, management, environment, social issues, sports and entertainment are published in this magazine.

Arunoday -

This publication is entirely in Hindi beginning from the editorial. Contributions are made by learners, faculty members, and even members of staff. Arunoday is also a yearly publication and carries articles and anecdotes that are meaningful, informative, and entertaining.

Newsletter-

'Gunjan', the online newsletter of this institute is published regularly. It is a quarterly edition and targets one topic at a time. The response is encouraging and more so because of its online accessibility. Anyone associated with this institute may contribute to this online newsletter.

Placements

Training and Placement Cell, headed by Dr. Joydip Dhar have facilitated placements. The Placement Cell is committed in not only providing jobs to the students but plays a part in building a career for them. The amalgamation of IT and Management provides the best set of desired qualities that a company looks for in a candidate.

Technical leaders need to envision the future. Students at IIITM are groomed to be technical leaders who along with the domain knowledge of functional areas are equipped with the aids to realize the cherished goals. The alumni of this institute are playing active roles in world's top technology firms such as Google, Microsoft, Amazon, Adobe, Mu Sigma etc. The institute has seen recruitment drives from some of the prestigious global companies like Google, Microsoft, Amazon, Adobe, Flipkart, Directi, Works Application, HackerRank, Mu Sigma etc.

Companies visited during the year 2013-2014

S.No.	Company Name	Placement count	Package (LPA)
1.	Belzabar	3	8.5
2.	Samsung India	16	7.75
3.	Mu-Sigma	1	18L/3y
4.	TCS	39	3.38
5.	Flipkart	1	15.0
6.	Amazon	5	14
7.	99acres.com	1	4.75
8.	Samsung R&D	16	8.6
9.	Works Application	2	6.15
10.	HCL Comnet	3	4.75
11.	Perenial Sys.	1	5
12.	Sutra Analytics	2	6
13.	Yamaha	10	3.5
14.	Lovely Professional University	4	5.4
15.	Stratbeans Consulting	1	2.5
16.	Jaro Education	4	5.7
17.	RGUKT	5	6.25
18.	Infosys	1	3.35
19.	Persistent Solutions	1	3.3
20.	Maneser Consulting	0	2.5

Placement Status during the year 2013-14

S.No	Course	Total No. of Students	Total Eligible Students	Eligible Students Placed	Placement % of Eligible Placed
1	PG-M.Tech	89	67	34	50.74
2	IPG-M.Tech	99	73	54	73.97
3	IPG-MBA	27	11	5	45.45
4	PG-MBA	48	35	6	17.14
		263	**186**	**99**	**53.22**

Faculty

ABV-IIITM faculty members are committed teachers and leading researchers who play an outsized role in shaping theories and practices in their related areas of research. The faculty members have shared spirit, and that's reflected in both research and in the classroom. With an adequate student body and warm community, ABV-IIITM students get unparalleled access to this knowledge. Faculty members are known for their conducts of FDPs/MDPs and workshops/ conferences across the country. They have authored various books in their areas of expertise with recognised publishers. Following table is the indicative research interests of the faculty members.

S.No.	Broad Area	Themes
1	Nano Science & Technology	Material Properties. sensor design & application. Nano-electronics. GNR in Spintronics. Nano-CMOS. Nano-FET EMS. EMS. Nano-Risk Management
2	Signal & Image Processing	Digital Signal processing. Digital Filter Design. Speech Processing. Digital & Wireless Communication. CDMA Systems. AI. Bio-medical Image Processing
3	Network & Information security	Operating Systems. Computer networking. Network Security. Network Management. Wireless Adhoc Networks. Data Security. Multi-media Security. Wireless Network Security. Cryptography. Quantum Cryptography. Applications of Biometrics in Security
4	Computing	Soft computing. Quantum computing & Information. Nature- inspired Fault Tolerance. Distributed and computing and optimization techniques. Grid computing. Parallel computing. Mobile computing. Data Mining. Bio-Informatics. reliability. Multi-objective Optimization. Computational Physics. Computational Biology
5	Modeling & Simulation	Financial modeling. Time series analysis. Pattern formation in Biological System. Material & Device Modeling. Innovation & Diffusion in Marketing Model, Environmental Modeling. System Reliability
6	Marketing	Customer Relationship Management. Brand Management. Service Management. New Product Development. Neuro-Marketing. Social Marketing
7	Finance	Analysis of Financial Systems. Financial Risk Management. Stock Market Analysis. Econometric Analysis
8	Operations	Supply Chain Management. Technology Management. Total Quality Management. Service Operations Management. Operations Management
9	IT & Systems	Business Process Management. Enterprise Systems. Software Project Management. Analysis and Design of Information Systems. E-Business. Modeling and Simulation of Business Systems.

10	Governance & Management	E-Governance. Public Private Partnerships. Public Policy Analysis.Development Management. Non-for-profit Management
11	Human Resource Management	Training & Development. Performance Appraisal. Compensation. Talent Management. Consumer Behavior
12	Organizational	BehaviorApplication of Organization heory to study Institutional Reforms Leadership. Entrepreneurship. Motivation
13	IT Enabled Products & Services	E-Education. E-Governance. E-Health. E- Tourism. E-Business. IT Localization
14	Theory of Reliability	Software Reliability. Fault detection. Life testing. Reliability growth modeling. Industrial reliability. Reliability of Robotic Systems. Fuzzy Logic. Soft computing

List of Faculty and Expertise

Prof. G. K. Sharma Ph.D. (Uni. of Roorkee, now IIT-Roorkee) Professor Area of Interest: Digital System Design, Testing and Testability, CAD, Parallel & Distributed Computing, Artificial Intelligence, Soft Computing and Algorithms	**Dr. K V Arya** Ph.D.(IIT-Kanpur) Associate Professor Area of Interest: Image Processing, Biometrics, Information Security, Wireless Adhoc Networks, Secure Image Transmission,
Prof. Rajendra Sahu (On lien) Ph.D. (IIT-Kharagpur) Professor Area of Interest: ERP, Supply Chain Management, Knowledge Management, E-Governance, System Analysis & Design, Modeling and Simulation, Cost Accounting	**Dr. P Acharya** (On lien) Ph.D.(IIT-Kharagpur) Associate Professor Area of Interest: Operations Management, Project Management, Quantitative Methods, Business System Simulation using System Dynamics, Indian IT industry, Software Engineering methodologies and Software Project Management, SMEs, ERP, Lean Management
Prof. Shashikala Tapaswi Ph.D. (IIT-Roorkee) Professor Area of Interest: Image & Video Processing, Mobile network, Adhoc Network	**Dr. P K Singh** Ph.D.(IIT-Kharagpur) Associate Professor Area of Interest: Soft Computing, Multi-/Many-Objective Optimization, Data Mining, Computer Networks, Wireless and Sensor Networks
Prof. Anupam Shukla PhD (NIT-Raipur) Professor Area of Interest: Soft Computing, AI, Speech Processing, Biomedical and Bio-informatics	**Dr. Anurag Srivastava** Ph.D.(Barkatullah University, Bhopal); PDF(Uppsala University, Sweden) Associate Professor Area of Interest: Computational Physics, Nano Electronics(Device Modelling), Thoretical Modeling of Nanomaterials and Nanostructures IT Localization, E-Governance, IT Applications.

Prof. Aditya Trivedi Ph.D. (IIT-Roorkee) Professor Area of Interest: Digital Communication, Adaptive Signal Processing	**Dr. Manoj Patwardhan** Ph.D. (Jiwaji University) Associate Professor Area of Interest: Human Resource Management, Change Management, Organizational Behavior,Leadership & Talent Management
Prof. Deepali Singh Ph.D (Jiwaji University) Professor Area of Interest: Marketing, General Management, Services,CRM, BPI, IT&M, E-Busines	**Dr. Joydeep Dhar** Ph.D.(IIT-Kanpur) Associate Professor Area of Interest: Industrial Mathematics: Mathematical Modelling and Simulation in Environmental, EMS, Management systems: Financial Mathematics and Fuzzy logic applications
Dr. Mahua Bhattacharya Ph.D. (Calcutta University) Associate Professor Area of Interest: Medical image processing, soft computing, pattern recognition, artificial intelligence	**Dr. Naval Bajpai** Ph.D. (Pt. Ravishankar Shukla University, Raipur) Associate Professor Area of Interest: Business Statistics, Business Research Methods, Multivariate Analysis, Marketing Research & Organizational Behaviour
Dr. Pankaj Srivastava Ph.D. (Allahabad University) Associate Professor Area of Interest: Solid State Physics, Computational Nanoscience and Technology, Nanoelectronics, Quantum Computing & Information	**Dr. K K Pattanaik** Ph.D. in Engineering (BIT-Mesra) Associate Professor Area of Interest: Grid Computing, Mobile Computing, Multi Agent Systems
Dr. Manisha Pattanaik Ph.D. (IIT Kharagpur) Associate Professor Area of Interest: CMOS, Device/Circuits/System Co-Design, Characterization and Design of Low Power Logic and Memory	**Dr. J C Bansal** (On Leave) Ph.D (IIT Roorkee) Assistant Professor Area of Interest: Nature Inspired Optimization Techniques, Parallel Computing, Cryptography.
Dr. Ritu Tiwari Ph.D. (NIT Raipur) Associate Professor Area of Interest: Robotics, Artificial Intelligence, Soft Computing and Applications	**Dr. Manoj Kumar Dash** Ph.D (Berhampur University, Orissa) Assistant Professor Area of Interest: Marketing Science,Ecomoetrics modeling in marketing, Marketing Analytics, Marketing Reseach, Consumer Behaviour
Dr. Pradip Swarnakar Ph.D (IIT Kanpur) Associate Professor Area of Interest: Environmental Sociology, Risk perception and communication, ICT for development	**Dr. Vinay Singh** Ph.D (IIT Kanpur) Assistant Professor Area of Interest: Agile and Strategic approach in Business Management, IT for Business, ERP System, MIS, ITES, Software Project Management, Innovation and Entrepreneurship, Data Mining and Knowledge Management.

Dr. Gaurav Agrawal Ph.D. (Bundelkhand University, Jhansi) Associate Professor Area of Interest: Financial Economics, International Finance, Monetary Economics, Investment Management.	Dr. Vishal Vyas Ph.D (Vikram University, Ujjain) Assistant Professor Area of Interest: Financial Risk Management, Behavioural Finance, Project Feasibility and Finance, Derivatives, Portfolio Management, and Investment Analysis
Dr. Ajay Kumar Ph.D. (IIT Roorkee) Associate Professor Area of Interest: Reliability, Statistics, Fuzzy Sets and Fuzzy Logic, Optimization, and Soft Computing	Dr. W Wilfred Godfrey Ph.D (IIT, Guwahati) Assistant Professor Area of Interest: Artificial Intelligence-Robotics, Soft Computing, Multi-Agent Systems, Machine Learning
Dr. Gyan Prakash Ph.D.(IIT-Kanpur) Associate Professor Area of Interest: Supply Chain Management, Service Quality, Management Information System, Business Analysis and Intelligence, Public Systems: e-Governance, Health and Environment	Mr. Nirmal Roberts M.Tech. (IIT Kanpur) Visiting Faculty Area of Interest: Computer and Storage Networks, Network Management, Computer and Network Security, Operating Systems, Service Oriented Architecture, IT Infrastructure

Officer and Staff

S. No.	Name of Employee	Designation
1.	Mr. Sanjay Bhatnagar	Registrar
2.	Mr. Pankaj Kumar Gupta	Deputy Registrar
3.	Mr. D. P. Singh	Deputy Registrar
4.	Mr. Dinesh Kr. Dwivedi	Security Officer
5.	Ms. Ekta Sakwar	Assistant
6.	Mr. Anil Kumar Garg	Assistant (Audit)
7.	Mr. Virendra Kumar Joshi	Assistant
8.	Mr. Sanjay Kumar Soni	Library Assistant
9.	Mr. Vijay Kr. Dwivedi	Accountant
10.	Mr. J. P. Sharma	PA/Steno
11.	Mr. Narendra Singh Tomar	Assistant
12.	Ms. Deepa Singh Sisodiya	Technical Assistant
13.	Mr Trepan Singh Koundal	Cashier

14.	Mr. Hemant Pratap S Verma	Technical Assistant
15.	Mr. Lokendra S Mavai	Technical Assistant
16.	Shri Raman Singh (On deputation)	Horticulture Supervisor
17.	Mr. Mahesh Singh Dhakad	Lab Assistant
18.	Mr. Rampal Singh Kushwah	Data Entry Operator
19.	Mr. Alok Singh Jadon	Data Entry Operator
20.	Mr. Narendra P. S. Chauhan	Lab Assistant

Outreach Activities – Conference Proceedings Published for the year ending 2013-14
FDPs/Short term training programmes conducted for the year ending 2013-14

S.N.	Title	Date	Coordinator (s)
1.	Advance Training For Professional	2013	Prof. Anupam Shukla
2.	How to get published in internationally refereed journals: a practical guide	2013 (FDP)	Prof. Deepali Singh Dr. Gaurav Agrawal
3.	Summer Internship Training programme on "Low Power Devices and Circuits" i) LowPower Design of ITC'99 Benchmark Circuits ii) Design and simulation of TFET for low standby power circuits	May-July 2013	Dr. Manisha Pattanaik
4.	FDP on Multivariate Data Analysis for Management Research	14-20 Jun 2013	Dr Manoj Dash Dr. Naval Bajpai
5.	FDP on Application of Econometrics in Management Research	21 -27 Jun 2013	Dr Manoj Dash Dr. Naval Bajpai
6.	Training programme on CRM for MP MKVVCL	16-17 Sep 2013	Prof. Deepali Singh
7.	FDP on Multivariate and Advanced Data Analysis for Marketing	27 Sep – 3 Oct 13	Dr Manoj Dash/ Dr N Bajpai
8.	Five Days Hindi Translation Training Program	9-13 Dec. 2013	Dr. Anurag Srivastava

Workshop/Conferences/Symposiums attended for the year ending 2013-14

S.No	Faculty	W/C/S	I / N	Title	Date	Place
1.	Prof. G. K. Sharma	WS	N	Outcome Based Education and Accreditation for NBA Chairpersons and Evaluators	7th - 8th September, 2013	Narsee Monjee Institute of Management Studies (NMIMS), Bengaluru
2.	Prof. Anupam Shukla	C	I	ACODS-2014	13-15 March 2014	Kanpur, India
3.	Prof. Anupam Shukla	C	I	DINWC 2014	24- 26 june 2014	Ostrava, Czech Republic
4.	Dr. Aditya	C	N	National Conference on Communication	28.02.14-02.03.14	IIT Kanpur
5.	Dr. K. V. Arya	C	I	IEEE Internationl Conference on Industrial and Information Systems (ICIIS2013)	Dec 17-20, 2013	Perideniya, Sri Lanka
6.	Dr. K. V. Arya	C	I	International Conference on Signal Processing and Integrated Networks (SPIN 2014)	Feb. 21-23, 2014	Noida, India
7.	Dr. Anurag Srivastava	WS	I	16th International Workshop on Computational Physics and Materials Science: Total Energy and Force Methods	10-12 January, 2013	ICTP, Trieste, ITALY
8.	Dr. Anurag Srivastava	S	I	Science of Clusters, Nanoparticles and Nanoscale-Materials	4-6 March, 2013	Jaipur
9.	Dr. Anurag Srivastava	C	N	National Seminar on E - Egovernance	26-27 April, 2013	RDIAS, Delhi
10.	Dr. Anurag Srivastava	C	N	Current Trends in Computational Methods in Science and Engi - neering (CTCM-2013)	22-23 April, 2013,	Jiwaji University, Gwalior
11.	Dr. Anurag Srivastava	WS	I	International Workshop on Material Modeling and Simulations (IWMMS-2013)	24-29 June, cool570 2013	Shankaracharya College, Bhilai
12.	Dr. Anurag Srivastava	WS	I	International Workshop on Material Modeling and Simulations (IWMMS-2014)	8-12 March, 2013	Bundelkhand University, Jhansi

13.	Dr. Pankaj Srivastava	C	I	ICONSAT-2014	2-5 March 2014,	Organized by Institute of Nano Science and Technology, Mohali, Chandigarh.
14.	Dr. Pankaj Srivastava	C	I	NanoSciTech -2014	13-15 Feb 2014,	Panjab University, Chandigarh.
15.	Dr. Pankaj Srivastava	C	N	CONIAPS XVI -2014	March 20-22 2014,	PDPM IIITDM, Jabalpur.
16.	Dr. Pankaj Srivastava	C	N	(NATCON-NAMTECH)-2013	Dec. 21-23, 2013,	Department of Physics, Lucknow University.
17.	Dr. Manisha Pattanaik	C	I	Computational Intelligence and Communication Networks	September, 2013	Mathura
18.	Dr. Manisha Pattanaik	S	N	Low Power VLSI Design	August, 2013	Bhopal
19.	Dr. Manisha Pattanaik	C	I	Communication Systems and Network Technologies	April 6-8, 2013	Gwalior
20.	Dr. Manisha Pattanaik	C	N	VLSI, Communication and Nanoelectronics	May, 2014	Gwalior
21.	Dr. Gyan Prakash	C	I	Industrial Engineering & Engineering Management	11-13 December 2013	Bangkok

Abbreviation : Workshop (WS), Symposium (S), Conference (C), Internation (I), National (N)

Workshop/Conferences/Training Program attended by Non-Faculty for the year ending 2013-14

Name	Purpose/ Topic	Duration		Organization / Place
		From	To	
Dr. Ekta Sakwar	Establishment Rules	17/05/2013	21/05/2013	Institute of Secretarial Training and Management, New Delhi
Dr. J P Sharma	Establishment Rules	17/05/2013	21/05/2013	Institute of Secretarial Training and Management, New Delhi
Mr. D. P. Singh	Administrative Vigilance	19/09/2013	21/09/2013	Integrated Training & Policy Research, New Delhi

Mr. D. P. Singh	Workshop of Brihaspati General accounting System	14/12/2013	15/12/2013	Indian Institute of Technology (IIT), Knapur
Mr. Anil Kr. Garg	Workshop of Brihaspati General accounting System	14/12/2013	15/12/2013	Indian Institute of Technology (IIT), Knapur
Mr. Vijay Kr. Dwivedi	Workshop of Brihaspati General accounting System	14/12/2013	15/12/2013	Indian Institute of Technology (IIT), Knapur
All Staff	Five Days Training Program on Hindi Translation	9/12/2013	13/12/2013	ABV-IIITM Gwalior

International Conference hosted by the Institute

S.No.	Title	Dates	Coordinator
1	International Conference on Environment, Sustainability, Technology and Development in collaboration with Univ of San Francisco	2-4 Mar 2014	Dr Pradip Swarnakar

Events co-sponsored by the institute

S.No.	Title	Dates
1.	Advances in Mobile Computing, Networking & Computing, organized by ICEIT, New Delhi	26-27 Sep 2013
2.	CII Entrepreneurs Meet at Gwalior in collaboration with CII, Madhya Pradesh	18 Sep 2013
3.	HamFest 2013 in collaboration with Gwalior Amateur Radio Club	21-22 Sep 2013
4.	Udbhav: International Dance Festival in collaboration with Grreenwood Public School	22-26 Oct 2013

Research Facilities

Central Library

The purpose of the library is to connect students, scholars, faculty, and other concerned to the world of information and ideas. The scope of the library extends to all the teaching staff/non-teaching staff/students/research scholars of this institute. In certain circumstances persons from outside the institute can also access the facility with prior permission from the concerned authority. The responsibility for day to day administration of the library lies with the Faculty In-Charge Library.

At present, the institute library occupies a space of 5,000 sq ft carpet area located in Academic block-A of the institute. It serves user on all the days except on three National Holidays and restricted usage during weekly holidays. It has a comprehensive collection of literature predominantly related to Information Technology and management and its allied subjects to meet the present and future information needs of its users. The library activities are computerized using "Alice Window 6.0".

ABV-IIITM, Gwalior encourages the use of library for professional purpose. Individuals and organizations can use the library regularly either on a deposit or non deposit basis on payment with prior approval from the concerned authority. The library brings out several publications for reference purposes. Some of the major services rendered by the library are reference, reprographic, bibliographic, document delivery, data search facilities, resource sharing with other libraries etc. It also networks with libraries of leading institutions to offer reference, indexing and bibliographic services.

The Library at present has 05 sections catering to the different needs of its users.

1. Main Book Section
2. Reading Room
3. Thesis Section
4. E-Learning Section
5. Library Book Bank
6. Newspaper Section

Statistical Information on March 2013-2014

S No	Title	Added total till 2013-14
1	(Library =23514) & (Book Bank Books =2962) (Donated Books = 525)	27001
2	Print Journals	55
3	E-Resources (Online Journals)	18 (Online journals 2755 approx)
4	Number of M.Tech & MBA Thesis include [IPG]	1530
5	Video Cassettes, DVDs	164
6	CDs:- Text Book CD's= (1842), Lecture CD's & DVD's (937)	2890
7	Annual Report	170
8	Bound Journals	655
9	Magazines	50
10	Newspapers	15

The Library is well stocked with texts and reference books in the area of management, Information Technology, Computer Science, Electronics, Social Science along with industry related research papers and project reports. Institute has extended access to information resources through a virtual library set-up for accessing databases.

Some of the salient features of the library are:

• Core Member of INDEST AICTE Consortium.

• Member of INFLIBNET (UGC-INFONET)

• Member of DELNET (Developing Library Network)

• Access to over 2755 online journals made possible through internet

• CMIE databases

The library also subscribes to more than 55 print journals, periodicals and magazines in the areas of IT and Management, Applied Sciences, Social Science. It also has books on subjects like Philosophy, Yoga etc. Currently there are approx 27000 plus books available for students.

e-resources available in the Learning Resource Centre

S N	Name of E-Resource	Source	Website
1	The IEEE/IEE Electronic Library (IEL)	Through INDEST-AICTE Consortium Funded By MHRD	http://ieeexplore.ieee.org/
2	Springer Link	Through INDEST-AICTE Consortium Funded By MHRD	http://www.springerlink.com
3	LNCS (Springer)	Through INDEST-AICTE Consortium Subscribed by ABV-IIITM, Gwalior	http://www.springerlink.com
4	MathSciNet	Through INDEST-AICTE Consortium Subscribed by ABV-IIITM, Gwalior	http://www.ams.org/mathscinet
5	Science Direct:	Through INDEST-AICTE Consortium Subscribed by ABV-IIITM, Gwalior	http://www.sciencedirect.com
6	EBSCO's Business Source Premier	(Through Database Access India, New Delhi) Subscribed by ABV-IIITM, Gwalior	http://search.epnet.com/)

7	Indiastat.com	(DataNet India Pvt.Ltd., New Delhi)	http://www.indiastat.com
8	J-Stor	INFLIBNET	http://www.jstor.com
9	Emerald insight (125)	Emerald 125 Management Journals	http://www.emeraldinsight.com
10	Sage Publication Collection (Journals)	Sage Publications	http://online.sagepub.com
11	SCOPUS	Elsevier (Abstracts & Indexing Database)	www.scopus.org
12	(i) Prowess Multi User LAN Version	Centre for Monitoring Indian Economy Pvt. Ltd, Indore	Institute LAN
13	(ii) Economic Outlook – IP Bases (Formerly Business Beacon & EIS)	Centre for Monitoring Indian Economy Pvt. Ltd, Indore	http://economicoutlook.cmie.com/
14	(iii) Industry Outlook (IP Based)	Centre for Monitoring Indian Economy Pvt. Ltd, Indore	http://industryoutlook.cmie.com/
15	(iv) India Trades Multi User LAN Version	Centre for Monitoring Indian Economy Pvt. Ltd, Indore	Institute LAN

Research Laboratories

The institute has laboratories required for various courses such as Physics, Electronics, Digital Logic and Engineering Process in addition to other computer laboratories. The laboratory facilities are continuously being enhanced to cater the ever expanding academic and research needs. The Institute has state-of-the-art computer facilities working on Linux and Windows platforms. Various IT tools are used in functional areas likes marketing research, decision support system, operational research and others. Institute has laboratories for various disciplines like operating systems, database systems, software engineering, CRM, networking protocols and multimedia. These laboratories have housed more than four hundred Pentium based computer systems of different makes such as Compaq, Digital, HCL and Silicon Graphics etc. There are 15 servers at present to cater various computing needs of the institute.

Institute has a heterogeneous system laboratory composed of systems running on Linux, Windows NT, Windows 2000, Windows XP, Solaris (8) and SCO Unix platforms. The systems are networked with 100 Mbps ethernet. The institute wide LAN is connected to the external network via a leased circuit. The existing 1A system is being upgraded.

Lab No.	Name of the Laboratory	Location	Name of the Faculty Incharge	Email Faculty I/c ***@iiitm.ac.in	Primary Focus
L-l	e-Business	A-203	Dr. Deepali Singh	drdeepali	Research
L-2	Data Communication	C-003	Dr. Aditya Trivedi	atrivedi	Teaching
L-3	Secured Computing	C-006	Dr. S. Tapaswi	stapaswi	Research
L-4	Communication Skills	C-009	Mr. Nirmal Roberts	nirmal	Teaching
L-5	VLSIDesign	C-I03	Dr. Manisha Pattanaik	manishapattanaik	Research & Teaching
L-6	Communication Systems	C-115	Dr. Aditya Trivedi	atrivedi	Research & Teaching
L-7	Hardware	C-203	Dr. Anupam Shukla	anupamshukla	Teaching
L-8	Digital Logic Design	C-213	Dr. Ritu Tiwari	ritutiwari	Teaching
L-9	Visual Information Processing Research	D-115	Dr. Mahua Bhattacharya	mb	Research
L-10	Advanced Networking	D-203	Dr. P.K Singh	pksingh	Research & Teaching
L-11	Electrical and Electronics (Basic)	E-002	Dr. Anurag Srivastava	anurags	Teaching
L-12	Engineering Physics	E-003	Dr. Pankaj Srivastava	pankajs	Teaching
L-13	Mathematical Modeling and Simulation	E-I03	Dr. Joydip Dhar	jdhar	Research & Teaching
L-14	Computational Nano Science and Technology	E-112	Dr. P. Srivastava & Dr. A. Srivastava	pankajs anurags	Research
L-15	Sponsored Project	E-203	Dr. Anupam Shukla	anupamshukla	Research
L-16	Soft Computing & Expert System	E-2ll	Dr. Anupam Shukla	anupamshukla	Research & Teaching
L-17	Enterprise Integration	D-114	Dr. P. Acharya	pacharya	Research & Teaching
L-18	Computational Intelligence and Data Mining Research	D-001	Dr. P.K Singh & Dr.J.C. Bansal	Pksingh	Research
L-19	LinuxLab	A-213	Nirmal Roberts	nirmal	Research
L-20	Information Security Lab	D-002	Dr. KV. Arya	kvarya	Research & Teaching
L-2l	Wireless Sensor Network	A-116	Dr. KK Pattanaik	kkpatnaik	Research
L-22	Medical Informatics	D-002	Dr. M. Bhattacharya	mb	Research & Teaching
L-23	Behavioural Economics and Analytics laboratory	D-205	Dr. Manoj Kr. Dash	manojdash	Reseach & Consultancy
L-24	Robotics Lab	A-203	Dr. W. Wilfred Godfrey	Godfrey	Research

Software and Tools

List of Licensed Software

ʙ	Maple 14	ʙ	Cadence VLSI Design Software
ʙ	MATLAB Ver 7.0	ʙ	RHEL Standard Enterprise 4.0
ʙ	Primavera P6	ʙ	Mathematica 6.0
ʙ	AMOS 21.0	ʙ	Material Studio
ʙ	QUALNET 4.5	ʙ	ATK-VIRTUAL NANO LAB Software
ʙ	SAS Basic Academic Analysis Suit	ʙ	STELLA 9.1.4
ʙ	EDA Simulation Tools	ʙ	SYSTAT 13 (Sigma Plot 11)
ʙ	Solver Suite	ʙ	Peryton Network Analyzer
ʙ	Peryton Script	ʙ	Peryton SDR

List of Hardware

ʙ	CPLD-XC 9572	ʙ	SPARTAN-III XC3S200 TM
ʙ	FPGA XC 2S50,TM 5C, SPARTAN-II	ʙ	Experimental kits in Microelectronics
ʙ	SPARTAN-III FPGA 3S400 TM	ʙ	IRIS and TelosB motes

Computational Resources

Institute provides a wide range of computational facilities. Institute computational resources involve a wide range of personal computers and proprietary application softwares. The Institute computer network provides a wide range of services from electronic mail to electronic interchange of documents.

Items		Description	
ʙ	Computers	ʙ	About 1000
ʙ	Servers	ʙ	12 (Compaq:5, IBM:2, HP:5)
ʙ	Printers	ʙ	About 100
Network			
Network Speed		1000 Mbps 8 Mbps (1:1) with leased line from BSNL 155 Mbps (1:1) with leased line from BSNL NKN Facility under progress	

In the year 2013-14, the Institute acknowledged grants for 02 new sponsored projects.

Year	S.No.	Title	Principal Investigator	Sponsoring agency
2013	1	Ab-initio Study of Mn-doped II-VI and 111-V Semiconducting Nanowires	Dr. Pankaj Srivastava	DST
	2	Ab-initio study of structural, electronic and optical properties of nanowires	Dr. Anurag Srivastava	BRNS/DAE
2014	1	Climate Change Policy Network (COMPON-INDIA)	Dr. Pradip Swarnakar	NSF, USA

Publications / Conferences

Publications reflect the area interests of the faculty and their research resourcefulness. Publications with student co-authorships encourage strong faculty commitment to mentor both research scholars and postgraduates in research.

1. Prof. G. K. Sharma

   1. Nandakishor Yadav, Sunil Dutt, Manisha Pattanaik and G.K. Sharma, "Self-Restoring PVT Aware Independently-Controlled Gate FinFET based 10T SRAM Cell", 25th International Conference on Microelectronics (ICM-2013), Beirut, Lebanon, 2013.
   2. Nandakishor Yadav, Manisha Pattanaik and G.K. Sharma, "A New Sensitivity-Driven Process Variation Aware Low Power Self-Restoring SRAM Design" 27th International Conference on VLSI Design (VLSID), Mumbai, India 2014.
   3. Nandakishor Yadav, Sikha Jain, Manisha Pattanaik and G.K. Sharma, "NBTI Aware IG-FinFET based SRAM Design using Adaptable Trip-point Sensing Technique" 11th IEEE NanoArch0, Paris, France, 2014.
   4. Ekta Prajapati, Nandakishor Yadav, Manisha Pattanaik and G.K. Sharma, " Operation-Aware Assist Circuit Design for Improved Write Performance of FinFET based SRAM" 19th VLSI Design and Test symposium (VDAT), India, 2014.
   5. Bharat Garg, Nitesh K Bharadwaj and G K Sharma "Energy Scalable Approximate DCT Architecture Trading Quality via Boundary Error Resiliency" 27th International SOC Conference (SOCC), Las Vegas, Nevada, USA 2014.

2. Prof. S. Tapaswi

   1. Agrawal, N., Pradeepkumar, B., Shashikala Tapaswi, ""Preventing ARP spoofing in WLAN using SHA-512", IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2013. pp. 1-5.
   2. Asit More,Shashikala Tapaswi, ""Dynamic malware detection and recording using virtual machine introspection",", July 2013, DSCI - Best Practices Meet 2013, BPM 2013, pp.1-6.
   3. Arpit Gupta, Shashikala Tapaswi, "Flow-based P2P network traffic classification using machine learning algorithm", 2013 International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC).
   4. Shashikala Tapaswi, A.Mehboob, A.Shukla, J.Dhar, Ishan Gupta, Pranshu

Verma, "Markov Chain based Roaming Scheme for Honeypots, Wireless Personal Communication Journal , accepted in April 2014 [Article in Press].

5. Khatri, P., Tapaswi, S., Verma, U.P, " Trust evaluation in wireless ad-hoc networks using fuzzy system Regular Paper (Extended Version), Computer Systems Science and Engineering 29(1) pp. 43-50.

3.	Prof. Anupam Shukla	1. Pal, R. Tiwari, and A. Shukla, "Coordinated multi-robot exploration under connectivity constraints", Journal of Information Science and Engineering, vol. 29, no. 4, pp. 711-727, 2013. SCI-Expanded, IF: 0.299

2. Chiranjib Sur, Anupam Shukla, "Discrete Invasive Weed Optimization Algorithm for Graph Based Combinatorial Road Network Management Problem", 2013 International Symposium on Computational and Business Intelligence (ISCBI 2013), August 24-26, 2013, Delhi, India.

3. Chiranjib Sur, Anupam Shukla, "Dealing QAP & KSP with Green Heron Optimization Algorithm - A New Bio-Inspired Meta-heuristic", 2013 - 4th International Conference on Computing, Communication and Networking Technologies (ICCCNT 2013), 4-6 July 2013, Tiruchengode, Tamil Nadu, India.

4. Chiranjib Sur, Anupam Shukla, "Adaptive & Discrete Real Bat Algorithms for Route Search Optimization of Graph Based Road Network", International Conference on Machine Intelligence Research and Advancement, ICMIRA-2013, 21st -23rd Dec 2013, Katra, India.

5. Chiranjib Sur, Anupam Shukla, "Discrete Cuckoo Search Optimization Algorithm for Combinatorial Optimization of Vehicle Route in Graph Based Road Network", 3rd International Conference on Soft Computing for Problem Solving (SocProS - 2013), 26 - 28 December 2013, Greater Noida Extension Centre of IIT Roorkee, India.

6. Chiranjib Sur, Anupam Shukla, "Road Traffic Management using Egyptian Vulture Optimization Algorithm - A New Graph Agent-Based Optimization Meta-Heuristic Algorithm", Fifth Workshop on Applications of Graph Theory in Wireless Ad hoc Networks and Sensor Networks (GRAPH-HOC - 2013), 27 - 29 December 2013, Chennai, India.

7. Chiranjib Sur, Anupam Shukla, "New Bio-Inspired Meta-heuristics - Green Herons Optimization Algorithm - for Optimization of Travelling Salesman Problem & Road Network", 4th International Conference on Swarm, Evolutionary and Memetic Computing (SEMCCO - 2013), 19 - 21 December 2013, SRM University, Chennai, Tamil Nadu, India.

8. Chiranjib Sur, Anupam Shukla, "Discrete Krill Herd Algorithm for Graph Based Road Network through Vehicle Load Distribution & Routing Optimization" - 10th International Conference on Distributed Computing and Internet Technologies (ICDCIT-2014), 6th - 9th February 2014, KIIT University, Bhubaneswar, India.

9. Sanjeev Sharma, Chiranjib Sur, Anupam Shukla, Ritu Tiwari, "CBDF Based Target Searching and Tracking using Particle Swarm Optimization" 5th international Conference on computer vision and Robotics, Springer, 2014.

10. Sanjeev Sharma, Chiranjib Sur, Anupam Shukla, Ritu Tiwari, "Multi Robot Area Exploration using Particle Swarm Optimization with the help of CBDF based Robot Scattering" 5th International Conference on computer vision and robotics, Springer, 2014.

11. Sanjeev Sharma, Chiranjib Sur, Anupam Shukla, Ritu Tiwari, "CBDF based

Multi robot Cooperative Target Searching and Tracking using BA", International Conference on Computational Intelligence in Data Mining (ICCIDM 2014), springer 2014.

12. Sanjeev Sharma, Chiranjib Sur, Anupam Shukla, Ritu Tiwari, "Multi Robot Path Planning for Known and Unknown Target using Bacteria Foraging Algorithm", 5th joint International Conference on Swarm, Evolutionary and Memetic Computing (SEMCCO 2014), Springer 2014.

13. R. R. janghel, Anupam Shukla, Sanjeev Sharma, , Gnaneswar A. V , "Evolutionary Ensemble Model for Breast Cancer Classification" the fifth international conference on swarm intelligence, Springer, 2014 (Accepted).

14. Chiranjib Sur, Anupam Shukla, "Coalition Formation for Multi-Agent Coordination for Surveillance and Capture of Foreign Intruder using Bacteria Foraging Algorithm ", 3rd International Conference on Advances in Control and Optimization of Dynamical Systems (ACODS-2014) at IIT Kanpur, India, 12-14 March, 2014. (IFAC-Elsevier).

15. Anupam Shukla, Gaurav Ojha, Sachin Acharya, Shubham Jain: A customized flocking algorithm for swarms of sensors tracking a swarm of targets. CoRR abs/1311.6981 (2013)

4.	Prof. Aditya Trivedi	1. M. Bansal, , Aditya Trivedi, "Cross-layer optimization for fair end-to-end rate allocation in WMNs with MIMO links", Wiley Transaction on Emerging Telecommunications Technologies. Vo. 25, no. 5, pp. 496-506, (2014). (Also online doi: 10.1002/ett.2584, 2012.)

2. Neeraj Srivastava, Aditya Trivedi," Performance of beamforming combined with space-time-frequency code in spatially correlated channel," Int. J. of Wireless and Mobile Computing, 2014 Vol.7, No.3, pp.282 - 288

3. Lokesh Kumar Bansal, Aditya Trivedi, Rekha Gupta, "Performance of STTC-MC-CDMA Systems with Imperfect Channel Estimation," Springer Wireless Personal

4. Communications Vol. 75, issue 1, pp. 49-61, 2014.

5. Lokesh Kumar Bansal, Aditya Trivedi, " Performance of Reduced State S-T Trellis Coded MC-CDMA Systems," Springer Wireless Personal Communications, Vol. 77 No. 1, 2014 pp. 449-461.

6. M. Bansal, , Aditya Trivedi, "Cross-Layer Optimization of Multichannel Multiantenna WMNs," Springer Wireless Personal Communications, Vol. 71, No. 2, 2013, pp.1443-1449.

7. Lokesh Chouhan, Aditya Trivedi, "Analysis of MAC schemes for cognitive radio network: Perfect and imperfect learning modelling," Tenth IEEE WOCN, July 2013.

8. Om Jee Pandey, Aditya Trivedi, Mahendra Kumar Shukla, "Outage performance of decode-forward and amplify-forward protocols in cooperative wireless communication," Tenth IEEE WOCN, July 2013.

9. Prateek Rathore, Aditya Trivedi, "A DPC based MMSE beamforming design for a MIMO system with interference," Tenth IEEE WOCN, July 2013.

10. Navneet Garg, Aditya Trivedi: Improved cooperative sensing strategies using wavelet denoising," IEEE ICACCI, August 2013 2013.

11. Sadhana Mishra, Aditya Trivedi, "Exploiting opportunistic decode-and-forward cooperation for cognitive radio relay channels in multi-antenna cognitive radio networks," IEEE ICACCI, August 2013 2013.

12. Mahendra Kumar Shukla, Aditya Trivedi, Om Jee Pandey, "Physical layer authentication for mobile terminals over MIMO fading wiretap channels," IEEE ICACCI, August 2013 2013.

13. Neeraj Srivastava and Aditya Trivedi, "On the Combined Beamforming with Space-Time-Frequency Code in MIMO-OFDM Systems", IEEE International Conference on Computing Communications and Networking Technologies (ICCCNT 2013), July 4-6, 2013, Thiruchengode, India.

14. Kunwar Pritiraj, Aditya Trivedi, "Auction Based Game Model for Power Trading in Wireless Cooperative Network", The 19th Asia-Pacific Conference on Communications (APCC 2013), Bali Island, Indonesia, from August 29th - 31st, 2013.

15. Karri Guru Govind, Aditya Trivedi, Manish Kumar, "Power Allocation in Cognitive Radio Networks to Improve Quality of Service At Secondary User", The 19th Asia-Pacific Conference on Communications (APCC 2013), Bali Island, Indonesia, from August 29th - 31st, 2013.

16. Manish Kumar, Aditya Trivedi, K.G. Govind, "An access strategy selection in Cognitive Radio networks and QoS provisioning," IEEE International Conference on Signal Processing, Computing and Control (ISPCC), Sep. 2013.

17. 11. Mohitendra Singh, Aditya Trivedi,"Throughput Enhancement Using Network Modulation in Cooperative Communication," IEEE Twentieth NCC, March 2014.

5.	Prof. Deepali Singh	1. Agariya, A.K. & Singh, D. (2013), "CRM Scale Development and Validation in Indian Public Hospitals", Journal of Health Management, Vol. 15, No. 2, pp. 275-291.
		2. Agariya, A.K. and Singh, D. (2013), "CRM index: An effective weapon for relationship enhancement" International Journal of Financial Services Management, Vol.6, No.3, pp.179 – 199.
		3. Agariya, A.K. and Singh, D. (2013), "CRM Scale Development and Validation in Indian Telecom sector" International Journal of Customer Relationship Marketing and Management, Vol.4 No.3, pp.1-19.
		4. Agarwal, A. and Singh, D. (2014), "PRM index: An innovative tool for measuring partner relational aspects in Indian automobile sector" International Journal of Value Chain Management, Vol. 7, No.2, pp.171-189.
		5. Agarwal, A. and Singh, D. (2014), "Partner Relationship Management (PRM) Index: An Innovative Approach for Enhancing Channel Partner Relationships" Journal of Internet Banking and Commerce, Vol.19 No.1, pp.1-25.
		6. Agariya, A.K. and Singh, D., "SRM index development & validation in Indian Automobile sector", International Journal of Business Performance and Supply Chain Modelling, (Forthcoming)
6.	Dr. K. V. Arya	1. Mukesh Saraswat and K. V. Arya, "Supervised leukocyte segmentation in tissue images using multi-objective optimization technique", Engineering Applications of Artificial Intelligence, Vol. 31, pp. 44-52, 2013, Elsevier.
		2. Harish Sharma, Jagdish Chand Bansal, K. V. Arya, "Opposition based lévy flight artificial bee colony", Memetic Computing, Vol. 5, No. 3, pp. 213 - 227, 2013.

3. Nafisuddin Khan, K. V. Arya and Manisha Pattanaik, "Edge preservation of impulse noise filtered images by improved anisotropic diffusion", Multimedia Tools and Applications, , Vol.73, No. 1, pp. 573-597, 2014, Springer.

4. Usha Banerjee, K. V. Arya, "Optimizing Operating Cost of an Intrusion Detection System", Intl. J. Communications, Network and System Sciences, 2013, vol. 6, no. 1, pp. 29-36, (Scientific Research open access)

5. Harish Sharma, Jagdish Chand Bansal, K. V. Arya and Atulya Nagar, "Memetic search in artificial bee colony algorithm", Soft Computing, pp. 1911-1928, 2013, Springer.

6. Mukesh Saraswat, K. V. Arya and H. Sharma, "Leukocyte Segmentation in Tissue Images using Differential Evolution Algorithm Swarm and Evolutionary Computation", Swarm and Evolutionary Computation, Vol. 11, pp. 46-54, 2013, Elsevier.

7. Poonam Sharma, R. N. Yadav and K. V. Arya, "Efficient Face Recognition using Generalized Neuron Model,'' Signal Processing, Vol. 93, No. 6, pp. 1557-1565, 2013,Elsevier.

8. Nafisuddin Khan, K. V. Arya, and Manish Pattanaik, "Histogram statistics based variance controlled adaptive threshold in anisotropic diffusion for low contrast image enhancement", Signal Processing,Vol. 93, No. 6, pp. 1684-1693, 2013, Elsevier.

9. Jagdish Chand Bansal, Harish Sharma, Atulya Nagar and K. V. Arya, "Balanced Artificial Bee Colony Algorithm", International Journal of Artificial Intelligence and Soft Computing, Vol. 3, No. 3, pp. 222-243, 2013, Inderscience.

10. Harish Sharma, Jagdish Chand Bansal, K. V. Arya. "Power Law based Local Search in Differential Evolution", International Journal of Computational Intelligence Studies,Vol.2, No. 2, pp. 90-112, 2013, Inderscience.

11. Harish Sharma, Jagdish Chand Bansal, K. V. Arya, "Power Law based Local Search in Artificial Bee Colony", International Journal of Artificial Intelligence and Soft Computing, Inderscience. (In Press)

12. Rohit Katiyar, Vinay Kumar Pathak, and K. V. Arya, "Human Gait Recognition system based on shadow free silhouettes using Truncated Singular Value Decomposition transformation model", International Journal of Artificial Intelligence and Soft Computing, Inderscience. (In Press)

13. Harish Sharma, Jagdish Chand Bansal, K. V. Arya, "Le´vy Flight Differential Evolution", International Journal of Computational Intelligence Studies, Inderscience. (In Press)

14. Harish Sharma, Jagdish Chand Bansal, K. V. Arya, "Power Law based Artificial Bee Colony Algorithm", International Journal of Artificial Intelligence and Soft Computing, Inderscience.(In Press).

15. Mukesh Saraswat and K.V. Arya, "Color Normalization of Histopathological Images", Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, Vol. 1, No. 4, 2013, Taylor & Francis.

16. K. V. Arya and S. S. Rajput, "Securing AODV routing protocol in MANET using NMAC with HBKS technique," In Proc. 2014 International Conference on Signal Processing and Integrated Networks (SPIN 2014), Feb. 21-23, 2014, Noida, India.

17. K. V. Arya and G. K. Gupta, "Robust iris identification system using local descriptors," In Proc. 2014 International Conference on Signal Processing and Integrated Networks (SPIN 2014), Feb. 21-23, 2014, Noida, India.

18. K. V. Arya and G. K. Gupta, "Robust iris identification system using local descriptors," In Proc. 2014 International Conference on Signal Processing and Integrated Networks (SPIN 2014), March 21-23, 2014, Noida, India

19. K. V. Arya and Purnima Parasad, "A New Motion Estimation Technique for Video Compression", National Conference on Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG 2013), Dec. 19-21, 2013, Jodhpur, India.

20. K. V. Arya and Parul Agrawal, "Combating Interference in Power Control MAC Protocol for Wireless Ad Hoc Networks," In Proc. IEEE International Conference on Industrial and Information Systems (ICIIS2013), Dec. 17-20, 2013, Perideniya, Sri Lanka.

21. K. V. Arya and Kuldeep Narayan Tripathi, "Power Aware and Secure Routing in Mobile and ad-Hoc networks," In Proc. IEEE International Conference on Industrial and Information Systems (ICIIS2013), Dec. 17-20, 2013, Peradeniya, Srilanka.

22. Usha Banerjee, Aparna Tyagi, Anurag Malhotra, Ankur Kumar Tegwal, and K. V. Arya, "Impact of Rushing Attack with Varying Network Sizes: Detection and Prevention", Proc. Seventh International Conference on Communication Networks (ICCN-2013), Aug. 9-14, 2013, Bangalore, India.

23. Harish Sharma, Shimpi Singh Jadon, Jagdish Chand Bansal and K. V. Arya, "Levy Flight Based Local Search in Differential Evolution", Lecture Notes in Computer Science series, vol. 8297, Springe-Verlag Berlin Heidelberg 2013.

24. Praveen Pawar, Aditya Trivedi and K. V. Arya, "Diversity-Multiplexing-Delay Tradeoff in Decode-And-Forward MIMO Relay Network with CC-ARQ", In Proc. of International Conference on Computational Intelligence and Communication Networks (CICN 2013), Sept. 27-29, 2013, Mathura, India.

25. Harish Sharma, Pragati Srivastav, Jagdish Chand Bansal, and K.V. Arya, "Fitness based Self Adaptive Differential Evolution", Nature Inspired Cooperative Strategies for Optimization (NICSO 2013), Springe-Verlag Berlin Heidelberg 2013.

26. Varsha Sarawagi and K. V. Arya, "Automatic Facial Expression Recognition for Image Sequences", Proc. IEEE Sixth International Conference on Contemporary Computing (IC3), Aug. 8-10, 2013, Noida, India.

27. Sandeep Agrawal, K. V. Arya and Vinay Rishiwal, "Fallout of Different Routing Structures for Different Mobility Patterns in Large Ad-Hoc Networks", In Proc. of Confluence 2013, Sept. 26-27, 2013, Noida, India.

7. Dr. Anurag Srivastava

1. Anurag Srivastava, Mohammad Irfan Khan, Neha Tyagi and Purnima Swaroop Khare Doping induced Structural Stability and Electronic Properties of GaN nanotubes, The Scientific World Journal 2014(2014) Article ID 984591

2. Anurag Srivastava, Sumit Jain and Purnima Swarup Khare, Ab-initio study of Structural, Electronic and Transport Properties of Zigzag GaP Nanotubes, J. Mol. Modelling (2014)20:2171doi: 10.1007/s00894-014-2171-2

3. Anurag Srivastava, Kamalpreet, Ritu Sharma, Priyanka Chauhan, Uma Shankar Sharma, Chetan Pathak, Orientation Dependent Performance Analysis of Benzene/Graphene Based Single Electron Transistor, Journal of Electronic Materials (2014) doi: 10.1007/s11664-014-3272-5

4. Ankur Ruhela, Reena Kanchan, Anurag Srivastava and O. P. Sinha, Ab-initio study of napthelene based conducting polymer, American Institute of Physics Conference Proceeding 5/2014; 1591:225

5. Uma Shankar Sharma, Anurag Srivastava, U. P. Verma, Study of electronic transport properties of doped 8AGNR, American Institute of Physics Conference Proceeding 5/2014; 1591:1386

6. Anurag Srivastava and Bhoopendra Dhar Diwan, Structural and Elastic Properties of ZrN and HfN: Ab initio Study, Canadian Journal of Physics 10.1139/cjp-2013-0377(2013)

7. Anurag Srivastava, Boddepalli Santhibhushan and Pankaj Dobwal, Charge Stability and Conductance Analysis of Anthracene Based Single Electron Transistor, International Journal of Nanoscience 12,1350045(2013)

8. Pankaj Dobwal, Boddepalli Santhibhushan and Anurag Srivastava, InGaAs and HfO2 Based Junctionless Vertical Double Gate MOSFET: Performance Analysis, Journal of Computational and Theoretical Nanoscinece (Accepted) 2013

9. Anurag Srivastava and Bhoopendra Dhar Diwan, Pressure Induced Phase Transition and Thermo Physical Properties of Cubic Refractory Metal Nitrides: Theory Canadian Journal of Physics, 2013, 91(1): 27-33, 10.1139/cjp-2012-0149

10. Anurag Srivastava and Neha Tyagi,Structural and Electronic Properties of AlAs Nanocrystal: Ab-initio Study, Journal of Computational and Theoretical Nanoscience Vol.10(5), 2013, pp. 1222-1230

11. Anurag Srivastava, B. Santhibhushan and Pankaj Dobwal, Performance analysis of impurity added benzene based single-electron transistor, Applied Nanoscience DOI 10.1007/s13204-013-0194-0

12. Anurag Srivastava, Neha Tyagi and Rajeev Ahuja, First-principle study of structural and electronic properties Gallium based nanowires, Solid State Sciences , Vol.23, 2013, Pages 35–41

13. Shyam Trivedi, Anurag Srivastava and Rajnish Kurchania, Silicene and Germanene: A First Principle Study of Electronic Structure and Effect of Hydrogenation-Passivation, Journal of Computational and Theoretical Nanoscience DOI:doi:10.1166/jctn.2014.3428(2013)

14. Shyam Trivedi, Anurag Srivastava and Rajnish Kurchania, Electronic and Transport Properties of Silicene Nanoribbons, Journal of Computational and Theoretical Nanoscience,DOI:doi:10.1166/jctn. 2014.3429 (2013)

15. Anurag Srivastava, Noopur jain and A. K. Nagawat, Effect of Stone-Wales Defects on Electronic Properties of CNTs: Ab-initio Study, Quantum Matter Vol. 2 (4) , pp. 307-313 (2013)

16. Anurag Srivastava, Nileshi Saraf and A. K. Nagawat, Conductance analysis of Zigzag Carbon Nanotubes under Stress: ab-initio study, Quantum Matter Vol.2(5), pp. 401-407 (2013)

17. Anurag Srivastava, Srashti Jain and A. K. Nagawat, Electronic Properties of Nitrogen doped Armchair Singlewall nanotube: Ab-initio Study, Quantum Matter Vol. 2(6), pp. 469-473(5) (2013)

18. Neha Tyagi, Anurag Srivastava and Ravi Pandey, Ab-initio Study of Structural and Electronic Properties of α-Ge Nanowires, Journal of Computational and Theoretical Nanoscience (Accepted)(2013)

19. Kavita Rao Khaddeo, Anurag Srivastava and Rajnish Kurchania, Electronic Properties of GaN Nanotube: Ab initio study, ournal of Computational and

Theoretical Nanoscience Vol. 10, pp. 2066-2070, 2013

8. Dr. Manoj Patwardhan

1. Chandra Shekhar, Patwardhan Manoj, Rohit Kr.Singh (2013) A literature Review on Motivation in Global Business Perspectives Vol 1(4) ,pp 471-487, Springer Publications.
2. Vipul Gupta, Padmanav Acharya, Patwardhan Manoj, (2013) A Strategic and Operational approach to assess the Lean Performance in radial tyre manufacturing in India. A case based study in International Journal of Productivity and Performance Management Vol 62 No.6, pp 634-651, Emerald Group Publishing Limited.

9. Dr. Naval Bajpai

1. Khendelwal, U. & Bajpai, N. (2013): Purchase intentions of Indian consumers on online travel buying decision: A comparative study on metro and non metro city, International Journal of Hospitality & Tourism System, Vol.5, No.2, pp 13-22.
2. Sharma, J.P. & Bajpai, N. (2014): Team work a key driver in organizations and its impact on job satisfaction of employees in Indian public and private sector organizations, Global Business Review, Vol. 15, No. 4, pp 1-17.

10. Dr. Pankaj Srivastava

1. Satyendra Singh and Pankaj Srivastava, "Linear and Nonlinear Optical Properties of GaAS Nanowires"; Applied Nanoscience DOI 10.1007/s13204-014-0315-4 (2014).
2. Sweta Parasar, Pankaj Srivastava & Manisha Pattanaik, "Effect of electrode materials on transport properties of asymmetric biphenyl molecular junctions" Solid State Commn., Vol. 191,pp 54-58 (2014).
3. Pankaj Srivastava, Neeraj K Jaiswal, G. K. Tripathi, Chlorine sensing properties of zigzag boron nitride nanoribbons, Solid State Commn., Vol. 185, 41-46 (2014).
4. Satyendra Singh Chauhan, Pankaj Srivastava and Ashwani K Srivastava, "Electronic and transport properties of boron and nitrogen doped grapheme nanoribbons: An ab-initio approach" Applied Nanoscience, Vol. 4:461-467 (2014).
5. Sandeep Kr. Jain and Pankaj Srivastava "Effect of Nitrogen impurity on electronic properties of boron nanotubes" , J. of Advances in Condensed Matter Physics, article ID -706218, 8 pages (2014).
6. Sweta Parasar, Pankaj Srivastava & Manisha Pattanaik, "Enhanced rectifying performance in copper-linked molecular junctions" J Comput & Theoretical Nanoscience, Vol. 11, No.2, 421-426 (2014).
7. Neeraj K Jaiswal and Pankaj Srivastava, "Fe-doped armchair grapheme nanoribbons for spintronic/interconnect Applications" ; IEEE Transactions on Nanotechnology (TNANO), Vol.12, No.5, September 2013.
8. Pankaj Srivastava, N.K. Jaiswal; "Electronic and Transport properties of armchair boron nitride nanoribbons functionalized with chlorine"; QUANTUM MATTER (Oct-2013) in press.
9. Vikas Jha, Pankaj Srivastava, "A theoretical model of multi-user QKD network as the extension of E91 protocol"; International Journal of Information & Network Security (IJINS), Vol.2, No.4, pp. 311-321, (2013).
10. Sandeep Kr. Jain and Pankaj Srivastava "Optical properties of hexagonal boron nanotubes by first-principles calculations" , J. of Appl. Phys. 114, 073514 (2013).

11. P. Srivastava, S.K. Jain , "Ab intio study of dielectric function of C-substituted single walled boron nanotubes" , Eur. Phys. J. B, Vol. 86:389 (2013).

12. Sandeep Kr. Jain and Pankaj Srivastava, "Strain energy calculations of hexagonal boron nanotubes: An ab-initio approach"; Condensed Matter Physics, Vol. 16 (3) 33802 (2013).

13. Sweta Parasar, Pankaj Srivastava & Manisha Pattanaik, " Electrode materials for biphenyl-based rectification devices "Journal of Molecular Modeling, 19, 4467-75 (2013).

14. Sweta Parasar, Pankaj Srivastava & Manisha Pattanaik, "Modeling of Cu-Linked Rectification Devices by Varying Torsion Angles" J Comput Electronics, Vol. 12, 775-781 (2013).

15. Neeraj K Jaiswal and Pankaj Srivastava, "Enhanced metallicity and spin polarization in zigzag graphene nanoribbons with Fe impurities" Physica E: Low-dimensional Systems and Nanostructures,Vol. 54, pp. 103-108 (2013).

16. Sandeep Kr. Jain and Pankaj Srivastava, "Electronic properties of C-substituted boron nanotubes: A first principles study"; Eur. Phys. J. B, Vol. 86: 309 (2013).

17. Satyendra Singh and Pankaj Srivastava, "Optical properties of GaP nanowires"; Applied Nanoscience, Springer; Vol. 3, issue 2, 89-94 (2013).

18. Neeraj K Jaiswal and Pankaj Srivastava, "Tailoring the electronic structure of zigzag graphene nanoribbons via Cu impurities" J. Comput. Theor. Nanosci. Vol. 10(6), 1441-1445 (2013).

19. Satyendra Singh Chauhan, Pankaj Srivastava and Ashwani K Srivastava, "Band Gap Engineering in Doped Graphene Nanoribbons: An Ab Initio Approach" Solid State Communications, 154: 69-71 (2013).

20. Pankaj Srivastava, N.K. Jaiswal; "Electronic and transport properties of zigzag boron nitride nanoribbons functionalized with PH3 gas"; in Proceeding of International Conference NanoSciTech 13-15 Feb 2014, Panjab University, Chandigarh.

21. Pankaj Srivastava, N.K. Jaiswal and Varun Sharma; "Zigzag boron nitride nanoribbons for PH3 nanosensor application"; in Proceedings of XVI Annual Conference CONIAPS XVI March 20-22 2014, PDPM IIITDM, Jabalpur.

22. Subhra Dhar, Pankaj Srivastava, Neeraj Jaiswal, "Transport properties of Cu-doped armchair grapheme nanoribbons in two probe geometry" In the Proceedings of the "International conference on advanced nanomaterials and enginnering technologies (IEEE-ICANMEET-2013), 24-26th July 2013, Sathyabama University, IEEE Explore, p.p. 208-10, 2013.

23. Pankaj Srivastava, Gagan Kant Tripathi and N. K. Jaiswal, "Electronic Properties of Armchair Boron Nitride Nanoribbons with Chlorine Adsorption"; In the Proceedings of International Conference on Advances in Engineering and Technology (ICAET) , Lonavala, Pune, India 15 -17 May, 2013.

24. Brajesh Varshney and Pankaj Srivastava; "Fuzzy based Multi Criterion Decision Making for identifying the optimal priorities of a medical system"; IEEE sponsored International Conference on Information Systems & Computer Networks, 2013.

25. Pankaj Srivastava and Subhra Dhar, "Analyzing band structures of gold doped zigzag graphene nanoribbons", In the proceedings of 5th National Conference on nanotechnology and materials science (NATCON-NAMTECH), Dec. 21-23, 2013, Department of Physics, Lucknow University.

26. S.S Chauhan, Pankaj Srivastava, A.K. Srivastava, 'Electronic and transport properties of edge functionalized graphene nanoribbons-An ab-initio approch', 57th Solid State Physics Symposium organized by Department of Atomic Energy, thapar University, Patiala, Punjab, Dec. 17-21, 2013.

11. Dr. Manisha Pattanaik

1. Vijay Kumar Sharma, Manisha Pattanaik and Balwinder Raj, "ONOFIC Approach: Low Power High Speed Nanoscale VLSI Circuit Design"' International Journal of Electronics, Vol. 101, No 1, pp.61-73, 2014.
2. Vijay Kumar Sharma, Manisha Pattanaik and Balwinder Raj, "PVT variations aware low leakage INDEP approach for nanoscale CMOS circuits", Microelectronics Reliability, Vol.54, No.1,pp. 90-99, 2014.
3. Vijay Kumar Sharma , Manisha Pattanaik, "Process, Voltage and Temperature Variations Aware Low Leakage Approach for Nanoscale CMOS Circuits", Journal of Low Power Electronics, VOL.10,No.1,pp.45-52,2014.
4. Vijay Kumar Sharma, Manisha Pattanaik, "Techniques for low leakage Nanoscale VLSI Circuits: A Comparative Study", Journal of Circuit, Systems, and Computers, Vol 23, No.5 pp.1450061, 2014.
5. Vijay Kumar Sharma , Manisha Pattanaik and Balwinder Raj ," INDEP Approach for leakage reduction in nanoscale CMOS Circuit", International Journal of Electronics, DOI: 10.1080/00207217.2014.896042, 2014.
6. Vijay Kumar Sharma, Sumit Patel and Manisha Pattanaik, "High Performance Process Variations Aware Technique for Sub- threshold 8T-SRAM Cell", Wireless Personal Communications,DOI:10.1007/s11277-014-1735-x,2014.
7. Vijay Kumar Sharma , Manisha Pattanaik and Balwinder Raj , " Leakage Reduction ONOFIC Approach for Deep Submicron VLSI Circuit Design" , WASET International Journal of Electrical , Electronic Science and Engineering , Vol. 7, No . 4, 2013.
8. Vijay Kumar Sharma , Manisha Pattanaik , " VLSI scaling methods and low power CMOS buffer circuit", Journal of Semiconductors , Vol. 34, No .9 , pp . 095001, 2013.
9. Sweta Parashar, Pankaj Srivastava, Manisha Pattanaik, "Enhanced Rectifying Performance in Copper-Linked Molecular Junctions, Journal of Computational and Theoretical Nanoscience", Vol. 11, pp. 421-426, 2014.
10. Sweta Parashar, Pankaj Srivastava, Manisha Pattanaik, "Effect of electrode materials on transport properties of asymmetric biphenyl molecular junctions", Solid State Communications, vol. 191, pp. 54-58, 2014.
11. Kamal K. Jha, Manisha Pattanaik, "Enhanced ON Current Pocket Tunnel FET for Circuits Operating near Threshold" Quantum Matters, American Scientific Publisher, 2014 (In Press).
12. Kamal K. Jha, Varun Sharma, Manisha pattanaik," Impact of Temperature Variations on Line Tunnel FET for Low Power Applications" JCTN, American Scientific Publisher, 2014 (In Press).
13. Sweta Parashar, Pankaj Srivastava, Manisha Pattanaik, Modeling of Cu-Linked Rectification Devices by Varying Torsion Angles, Journal of Computational Electronics, vol. 11, pp. 775-781, 2013.
14. Sweta Parashar, Pankaj Srivastava, Manisha Pattanaik, Electrode Materials for Biphenyl-Based Rectification Devices, Journal of Molecular Modeling, vol. 19, pp. 4467-4475, 2013.

15. Sweta Parashar, Pankaj Srivastava, Manisha Pattanaik, Enhanced Rectification by Altering Bond Lengths in Molecular Devices, International Journal of Engineering Sciences vol. 2, pp. 62-66, 2013.

16. Kamal K. Jha, Manisha pattanaik ,"Analysis of Pocket Double Gate Tunnel FET for Low Stand by Power Logic Circuits "International journal of VLSI design & Communication Systems (VLSICS), Vol. 4 No. 6, pp. 4-8, 2013.

17. "Dhar, Subhra and Pattanaik, Manisha and Rajaram, P., "Analyzing ION/IOFF in Ultradeep-Submicron CMOS Devices using Grooved nMOSFETs for Low-Power Applications", International Journal of Signal and Imaging Systems Engineering vol. 6,24-30, 2013.

18. Chhavi Saxena*, Manisha Pattanaik and R.K Tiwari, "Design of Low Leakage Low Ground Bounce Noise Adder Circuits using Efficient Power Gating Schemes" International Journal of VLSI Design, January- June 2013, pp. 22-33.

19. Bishwajeet Pandey, Deepa Singh, Manisha Pattanaik, "Low Power Design of Random Access Memory and Implementation on FPGA", Journal of Automation and Control Engineering, ISSN: 2301-3702 Vol.1, No. 4, December 2013.

20. Nandakishor Yadav, Sikha Jain, Manisha Pattanaik and G.K. Sharma, "NBTI Aware IG-FinFET based SRAM Design using Adaptable Trip-point Sensing Technique" 11th IEEE NanoArch0, Paris, France, 2014.

21. Ekta Prajapati, Nandakishor Yadav, Manisha Pattanaik and G.K. Sharma, " Operation-Aware Assist Circuit Design for Improved Write Performance of FinFET based SRAM" 19th VLSI Design and Test symposium (VDAT), India, 2014.

22. Shipra Bassi and Manisha Pattanaik, "TID Effects on Retention of 0.13 μm SONOS Memory Cell: A Device Simulation Approach", 19th VLSI Design and Test Symposium (VDAT), India 2014.

23. Vikas Mahor, Manisha Pattanaik, "Highly robust Finfet based wide Fan-in dynamic OR gate with dynamic threshold voltage control," in IEEE Int. Conf. Circuits, Systems, Communication and Information Technology Applications (CSCITA), pp. 42 – 47, April 2014.

24. Nandakishor Yadav, Manisha Pattanaik and G.K. Sharma, "A New Sensitivity-Driven Process Variation Aware Low Power Self-Restoring SRAM Design" 27th International Conference on VLSI Design (VLSID), Mumbai, India 2014.

25. N. Yadav, S. Dutt, M. Pattanaik, and G. K. Sharma, "Double-gate FinFET process variation aware 10T SRAM cell topology design and analysis", IEEE European Conference on Circuit Theory and Design (ECCTD), Germany, 2013.

26. N. Yadav, S. Dutt, M. Pattanaik, and G. K. Sharma, "Self-restoring PVT aware independently controlled gate FinFET based 10T SRAM cell", IEEE 25th International Conference on Microelectronics (ICM), Lebanon, 2013.

27. Nandakishor Yadav, Sunil Dutt, Manisha Pattanaik, G K Sharma,, "PVT Aware Independently-Controlled-Gate FinFET based 10T SRAM Cell Design Incorporating Built-in Feedback Mechanism" 17th International Symposium on VLSI Design and Test (VDAT-2013) 27-30 July 2013.

28. Abhishek Mishra, Manisha Pattanaik, Varun Sharma, "Double Gate Vertical Tunnel FET for Hybrid CMOS-TFET based Low Standby Power Logic Circuits", International Annual Conference on Microelectronics, Communications and Renewable Energy (ICMiCR-2013), pp. 1-4, 2013

29. Nandakishor Yadav, Sunil Dutt, Manisha Pattanaik, G. K. Sharma, "PVT Aware Independently-Controlled-Gate FinFET based 10T SRAM Cell Design Incorporating Built-in Feedback Mechanism", 17th International Symposium on VLSI Design and Test (VDAT-2013), 27-30 July 2013, Jaipur, India

30. Shashikant Sharma, C. Pariasamy, Manisha Pattanaik, Balwinder Raj, "Activation Noise Aware Ultra Low Power Diode Based Multi-Threshold CMOS Technique for Static CMOS Adders", IEEE International Conference on Emerging Research Areas (AICERA-2013), pp. 1-6, 2013, Kerala, India.

31. Bishwajeet Pandey, Jyotsana Yadav, Manisha Pattanaik, "IO Standard Based Energy Efficient ALU Design and Implementation on 28nm FPGA", 10th IEEE India Conference (INDICON) 2013, IIT Bombay, 13th-15th December 2013

32. Bishwajeet Pandey, Pramit Kumar, Balaji K, V B Taneja, Manisha Pattanaik, "Low Voltage SSTL Based Low Power UART Implementation on FPGA", IEEE Annual International Conference on Emerging Research Areas (AICERA), Kottyam, 4-6 June, 2013.

33. Bishwajeet Pandey, Deepa Singh, Manisha Pattanaik, "Low Power Design of Random Access Memory and Implementation on FPGA", International Conference on Information Applied Electronics (ICIAE), Colombo, Sri Lanka, 15-16 June, 2013.

34. Deepa Singh, Bishwajeet Pandey, Deepak Baghel, Jyotsana Yadav, Manisha Pattanaik, "Clock Gated Low Power Memory Implementation on 40nm FPGA", IEEE International Conference on Computational Intelligence and Communication Networks (CICN), Mathura, 27-29 September, 2013.

35. Shweta Singh, Neelam Arya, Manisha Pattanaik, "An Efficient Design Approach for Low Leakage & High Performance MTCMOS Circuit With NBTI Aware Analysis", proceedings of CNC, pp. 35-44, 2013.

36. Shweta Singh, Neelam Arya, Manisha Pattanaik, "A New Design Approach to Reduce the Ground Bounce Noise and Leakage in Diode connected Power Gating Circuit", Annual International Conference on Emerging Research Areas, Kerala, 2013

12. Dr. Ritu Tiwari
1. "Communication constraints multi-agent territory exploration task", Applied Intelligence,Springer Verlag, (2013). Volume 38, Issue 3, pp 357-38 (Impact Factor: 0.849) (ISI Science Citation Index)
2. "Coordinated Multi-Robot Exploration under Connectivity Constraints," Journal of Information Science and Engineering, vol. 29, pp. pp. 711-727, July 2013. (ISI Science Citation Index/ compuMath Scitation Index, Information Science Abstract and Elsevier Science)

13. Dr. Gaurav Agrawal
1. Preeti Flora and Gaurav Agrawal, 2013 "A Co-integration and Causality Analysis of highest FDI recipient Asian economies" published on line in Journal of Knowledge Economy, DOI 10.1007/s13132-013-0177-0.
2. Preeti Flora and Gaurav Agrawal, 2014 "Integration of Global Financial Market around Global Financial Crisis: An Econometric Analysis of Major stock markets in US & Asia" published in Asian Journal of Research in Business Economics and Management, Vol.4.No.7, July 2014, pp.176-189.
3. Preeti Flora and Gaurav Agrawal, 2014 "FDI and economic growth relationship among highest FDI recipient Asian emerging economies: a panel data analysis"

published in International Business Management, 2014, Volume 8, Issue 2, 126-132.

4. Gaurav Agrawal, 2013 "Global Financial Markets Integration: A comparative study between developed and emerging economies", Academy of International Business (AIB) India Chapter 2013: International Business, the Emerging Economies Context, 15-17th April, Indian Institute of Management (IIM), Bangalore.

5. Preeti Flora, Gaurav Agrawal, Manoj Kumar Dash, 2013 "Macroeconomic Factor and FDI Determining Impact on India's Growth and Development: A cointegration Analysis", 3rd IIMA International Conference on Advanced Data Analysis Business Analytics and Intelligence, 13-14th April, Indian Institute of Management (IIM), Ahmedabad.

6. Preeti Flora, Gaurav Agrawal, Manoj Kumar Dash, 2013 "Global Financial Crisis and Integration of Global Financial Markets: A Study on Major US and Asian Stock Markets", National Conference on Paradigm for Sustainable Business: People, Planet and Profit in 2013 at Indian Institute of Technology (IIT), Roorkee.

14. Dr. Ajay Kumar

1. Bhoopendra Pachauri, Ajay Kumar, Joydip Dhar, Modeling Optimal Release Policy under Fuzzy Paradigm in Imperfect Debugging Environment, Information and Software Technology, Elsevier, Vol. 55, No. 11, 2013, pp. 1974–1980, http://dx.doi.org/10.1016/j.infsof.2013.06.001.

2. Ajay Kumar, SP Sharma and Dinesh Kumar, Performance Analysis of Pulping System using GA and Fuzzy Lambda-Tau Technique, International Journal of Quality & Reliability Management, Emerald, Vol. 30, No. 9, pp. 1017-1032, 2013, http://dx.doi.org/10.1108/IJQRM-06-2013-0104.

3. Bhoopendra Pachauri, Ajay Kumar and Joydip Dhar, Software Reliability Growth Modeling with Dynamic Faults and Release Time Optimization using GA and MAUT, Applied Mathematics and Computation, Elsevier, Vol. 242, pp. 500-509, 2014, http://www.sciencedirect.com/science/article/pii/S0096300314008078.

4. Bhoopendra Pachauri, Joydip Dhar, Ajay Kumar, Incorporating inflection S-shaped fault reduction factor to enhance software reliability growth, Applied Mathematical Modeling, 2014, http://www.sciencedirect.com/science/article/pii/S0307904X14003965.

15. Dr. K. K. Pattanaik

1. K.K. Pattanaik, U.B.Reddy, "A Dynamic Hybrid Data-Management Mechanism for Data Grids", in Proceedings of the Third International Conference on Parallel, Distributed, Grid and Cloud Computing for Engineering", Civil-Comp Press, Stirlingshire, UK, 2013. Doi:10.4203/ccp.101.35

2. Antriksh Goswami, K. K. Pattanaik, Amit Bharadwaj, Sourabh Bharti, "Loss Rate Control Mechanism for Fan-in-burst Traffic in Data Center Network,", 5th Intl. conference ANT – 2014, Pages 125-132. Doi: 10.1016/j.procs.2014.05.406

3. Anshul Verma, K. K. Pattanaik, "Mobile Agent based Train Control System for Mitigating Meet Conflict at Turnout," 5th Intl. conference ANT – 2014, Pages 317-324. Doi: 10.1016/j.procs.2014.05.430

4. Anshul Verma, K.K.Pattanaik (2014). Routing Protocols in Opportunistic Networks. In Nazmul Siddique, Salim Zabir, Faraz Hasan (Eds.), Opportunistic Networking: Vehicular, D2D, and Cognitive radio Networks. CRC Press (Taylor and Fransis) – In press.
5. Sourabh Bharti, K.K. Pattanaik, "Dynamic distributed flow scheduling for effective link utilization in data center networks," Journal of High Speed Networks, IOS Press Netherland, Volume 20, Number 1 / 2014, Pages 1-10. Doi:10.3233/JHS-140483
6. K.K. Pattanaik, Shivani Sharma, "Protocol for Latency Reduction of Prioritized Traffic in WSN," 4th Intl. conference ANT – 2013, Elsevier Procedia Computer Science, Volume 19, 2013, Pages 265-272. Doi: 10.1016/j.procs.2013.06.038
7. Rajiv Pratap Singh, K.K. Pattanaik, "An Approach to Composite QoS Parameter based Web Service Selection," 4th Intl. conference ANT – 2013, Elsevier Procedia Computer Science, Volume 19, 2013, Pages 470-477. Doi: 10.1016/j.procs.2013.06.063
8. Sourabh Bharti, K.K. Pattanaik, "Dynamic Distributed Flow Scheduling with Load Balancing for Data Center Networks," 4th Intl. conference ANT – 2013, Elsevier Procedia Computer Science, Volume 19, 2013, Pages 124-130. Doi: 10.1016/j.procs.2013.06.021

16. Dr. Manoj Kumar Dash

1. Kumar Anil and Dash Manoj Kumar (2013), Factor exploration and multi-criteria assessment method (AHP) of multi-generational consumer in electronic commerce, International Journal of Business Excellence, Vol 7(2), pp.213 - 236. (Inderscience Publisher).
2. Kumar Anil and Dash Manoj Kumar (2013), Effectiveness of electronic service dimensions on consumer's electronic buying behaviour and exploration of difference groups, Vol 8(3) pp.213 - 236. (Inderscience Publisher).
3. Kumar Anil, Arpit Jain and Dash Manoj Kumar (2014), Demographic Characteristics and Satisfaction of Customers Link with Loan Procedures Variables: A Empirical Study, SCMS Journal of Indian Management, Vol. 11(2).
4. Kumar Anil and Dash Manoj Kumar (2014), Electronic Consumer Style Inventory: Factor exploration and multiple comparisons analysis, The Asian Academy of Management Journal Vol. 19(2).
5. Virmani Megha and Dash Manoj Kumar (2014), Modelling customer satisfaction for Business Service, Journal of Sociological Research, Vol. 4 (2).
6. Kapse C.P and Dash Manoj Kumar (2014), A study of exploring the indicators of entrepreneurial attributes among engineering students in India: An empirical study, European Journal of Social Science Vol. 43 (1). Papers Presented at the International Conference
7. Dash Manoj Kumar (2013), Determinant of FDI in Asian Economics: An Econometric analysis, World Finance Conference, Cyprus, July 1-3, 2013

Books authored by faculty

S.No	Title	Author(s)	Publisher	Year
1.	Leakage Current and Ground Bounce Noise Aware MTCMOS Techniques: Multi-Threshold CMOS Techniques for Combinational Circuit Design	Shashikant Sharma, Manisha Pattanaik, Balwinder Raj	LAP LAMBERT Academic Publishing	2013
2.	Energy Efficient VLSI Design and Implementation on 28nm FPGA: FPGA Based Energy Efficient Register, Memory and ALU Design	Bishwajeet Pandey, Manisha Pattanaik	LAP LAMBERT Academic Publishing,	2013
3.	Design of Low Voltage Analog Signal Processing Blocks	Ahlad Kumar, G.K. Sharma, S.S. Rajput	LAP LAMBERT Academic Publishing, Germany 2014	2014
4.	Marketing Research (An Indian Perspective)	Naval Bajpai	Pearson Education	2014

Book Chapter Authored by Faculty for the year ending 2013-14

S.No	Title	Author(s)	Publisher	Year
1.	"Attack Severity based Honeynet Management Framework", Book Chapter in The State of the Art in Intrusion Prevention and Detection, 1st Edition,	Asit More, Shashikala Tapaswi	Taylor & Francis group, CRC Press USA 2013.	2013
2.	Book Chapter "MAC Layer Protocols for Cognitive Radio Networks." in the Book titled "Self-Organization and Green Applications in Cognitive Radio Networks"	Lokesh Chouhan and Aditya Trivedi	IGI Global	2013
3.	Book Chapter " Improvement in the Performance of Clustered WSN by using Multi-tier Clustering", in the Book titled : Wireless Communications and Networking: Theory and Practice	Yogesh Meena and Aditya Trivedi	IGI Global	2013
4 .	Electronic properties of Graphene Nanoribbons Interacting with Transition Metal Impurities"	Neeraj K. Jaiswal and Pankaj Srivastava	CRC Press "Handbook of Graphene Science"	2013

M. Tech. Thesis Report (During April 2013 - March 2014)

S. No.	Title	Guidance By	Author	Roll No.
1	A Novel Approach For Many Objective Optimization Using Evolutionary Algorithms	Dr.P.K.Singh	Abhishek Sharma	2008IPG-001
2	Objective Reduction in Many Objective Optimisation Problems Using Evolutionary Algorithm	Dr.P.K.Singh	Abhiranjan Kumar	2008IPG-002
3	Isuues in Resource Allocation in Cloud Environment.(Deadline, Load and Priority Based.)	Prof.Shashikala Tapaswi	Adnan Mehboob.	2008IPG-004
4	Pursuit Evasion :Multiple Pursuer Multiple Evader	Dr.Ritu Tiwari	Akshay Jain	2008IPG-006
5	Design and Implementation of Software Testing Automation Framework	Dr.K.V.Arya	Alok Nayak	2008IPG-007
6	Fuzzing Dos Attacks On Session Initiation Protocol Based Softphones	Prof.Aditya Trivedi	Anshul Tripathi	2008IPG-010
7	Major Challenges in the Next Generation LBS:An Application Devlopment Model	Prof.Anupam Shukla	Anurag Agrawal	2008IPG-011
8	An Effective Face Recognition Under Occlusion	Dr. K.V.Arya	Anurag mishra	2008IPG-012
9	Game Analysis And Prediction Of Ball Positions In a Football Match From Vedio Footages	Dr.Joydip Dhar Dr.Ritu Tiwari	Anurag Singh	2008IPG-013
10	Robot Path Planning Using Dual resolution A* With bi-directional rapidly exploring random trees	Dr.Ritu Tiwari	Ark Mishra	2008IPG-014
11	Machine Learning Algorithm For Flow Based P2P Network Traffic Classification	Prof.Shashikala Tapaswi	Arpit S.Gupta	2008IPG-015
12	Risk Based Availability Analysis For Time Dependent Failure Models	Dr.Ajay Kumar	Arun Kaushik	2008IPG-016
13	Machine Learning Capabilities in Medical Diagnosis Applications	Dr. Joydip Dhar	Ashok Ranganathan	2008IPG-018
14	Image Fusion Technique Based On Wavelet Transformation	Dr.Mahua Bhattacharya	Ashutosh Gautam	2008IPG-019

15	Named Entity Recognition Of Indian Origin Names In English Ducuments	Dr.Mahua Bhattacharya	Chaitanya Gupta	2008IPG-020
16	Flow Scheduling for Cloud Datacenter Network Using Multinomial Logit Model	Dr.K.K.Pattanaik	Debalina Mallick	2008IPG-022
17	Genre-Specific Constraints On Coherent Discource Structures	Dr.Mahua Bhattacharya	Dinesh Kumar	2008IPG-023
18	Person And Gender recognition Using Multimodal Biometrics In Real Time Scenario	Dr.Ritu Tiwari	G.Pranay Kumar	2008IPG-027
19	Reconstruction Of 2d image Fragments Using Chain Code	Dr.Mahua Bhattacharya	Gaurav Chandak	2008IPG-029
20	Pre Stage Skin Cancer Detection Using Multispectral Image Based Analysis	Dr.Mahua Bhattacharya	Gaurav Yadav	2008IPG-030
21	Person & Gender Recognition : A Case Study On Upper And Lower Foot Multimodal Biometrics	Dr.Ritu Tiwari	Harendra Kumar Ram	2008IPG-031
22	Using Generalised Cauchy Distribution For Improved Image Fusion	Dr. Mahua Bhattacharya	Hari Shankar	2008IPG-032
23	Imaplementation Of Hadoopmapreduce In An Open Source Private Cloud	Prof. Shashikala Tapaswi	Harshit Singh	2008IPG-034
24	Actor/Network Dybnamic In Friend Recommendation	Dr. Pradip Swarnkar Dr. Ajay Kumar	Himanshu Tyagi	2008IPG-036
25	Security Enhancement In Virtualization Environment	Prof. Shashikala Tapaswi	Ishan Gupta	2008IPG-037
26	Interactive Recommender System Algorithms for Cold Start Ecommendations.	Prof. P.K. Singh	Ishi Chauhan	2008IPG-038
27	Load Balancing Of Cloud Tasks using modified Artificial BEE Algorithm	Dr. K.K.Pattanaik	Kalpana Gangwar	2008IPG-041
28	Modeling Spread of Information in Social Networking Sites	Dr. Ajay Kumar & Dr. Pradip Swarnkar	Kamya Jaiswal	2008IPG-042
29	Heart Rate Measurement Through Photoplethysmography in Mobile Application.	Dr. Joydip Dhar & Dr. Ritu Tiwari	Kapil Kumar Gupta	2008IPG-043
30	Location Based Indoor Navigation System Using NFC In Smart phones	Prof.Anupam Shukla	Manav Singhal	2008IPG-047

31	A Hybrid Approach for Multi Agent Territory Exploration in Dynamic Environment	Dr.Ritu Tiwari	Manoj Kumar Singh	2008IPG-050
32	Automatic Algorithm Selection For Association Rule Mining Using Feed Forward Backpropagation	Dr.Joydip Dhar	Md.Arshadul Quadri	2008IPG-051
33	Crop Production Forecasting Using Neural Networks	Dr.Pramod Kumar Singh	Mukesh Meena	2008IPG-054
34	Humanoid Robot And Gesture Based Human Machine Communication System	Dr.Ritu Tiwari	Naimish Verma	2008IPG-055
35	Medical Image Registration Using Multi Scale Image Decomposition	Dr. Mahua Bhattacharya & Dr. K V Arya	Naveen Jaiswal	2008IPG-057
36	Counterring Low-Rate Denial Of Service Attacks	Prof. Aditya Trivedi & Mr. Nirmal Roborts	Nicole Pandit	2008IPG-058
37	Designing Intelligent System For use in team selection in the game of cricket	Dr.Ritu Tiwari	Nikhil Sapre	2008IPG-059
38	Achitecture For Efficient Mobile Data Transfer Through Sockets And Performance Analysis	Prof.Anupam Shukla	Nishant Rai	2008IPG061
39	Traffic And Interference Aware Capacity optimized Topology Control For MANETs	Prof.A.Trivedi	Prabhat Kumar Gupta	2008IPG-065
40	Participative Task Completion In A Multi Robot System	Prof.Anupam Shukla	Prashank Gupta	2008IPG-066
41	Intrusion Detection Techniques For Next Generation Threats	Mr.Nirmal Roberts	Privamvad Mishra	2008IPG-067
42	Optimization Of Focused Wave Front Algorithm In Unknown Dynamic Environment For Multi Robot Navigation	Prof.Anupam Shukla Dr.Ritu Tiwari	Priyanka Meel	2008IPG-068
43	Vedio Comprression Using Motion Vector Estimation	Dr.K.V.Arya	Purnima Prasad	2008IPG-069
44	Prevention Of Free Riders For Bittorrent Like Peer To Peer System	Dr.Ajay Kumar	Ram Lal Meena	2008IPG-072
45	Offline Signature Identification and Verification Using Multilanguage dataset.	Dr.Mahua Bhattacharya	Ranjeet Kumar Patel	2008IPG-073
46	Learning Based Field Of View For Reactive Robot Navigation	Prof.Anupam Shukla	Ritesh Dandotia	2008IPG-074

47	Intelligent Scheduling for Targeted Advertisement I IPTV	Prof.Aditya Trivedi	Rohit Anand	2008IPG-075
48	Software Reliability Growth Modelling In Imperfect Debugging Environment Using NHPP	Dr.Ajay Kumar	Sachin Raja	2008IPG-078
49	Offline Handwriting Recognition Using An Improved Segmentation Technique	Dr. K.V. Arya	Sachin Tolay	2008IPG-079
50	Identifying The Factors Affecting Customers Channel Chice For Purchases	Dr.Ajay Kumar Dr.Pradip Swarnkar	Sanjay Kumar	2008IPG-081
51	Heart Blockage Detection From Cadiac Angiography Using image Processing And Parallel Architecture	Prof.G.K.Sharma Dr.Mahua Bhattacharya	Shashank	2008IPG-082
52	Multi Robot Path Planning for Unstructured Environment with Genetically Optimized Priority Based Coordination and Lazy Collision Checking	Prof. Anupam Shukla	Shashank Dixit	2008IPG-083
53	Graph Based Semi-Supervised Algorithm for Anomaly Detection	Prof. S Tapaswi	Shikha Goyal	2008IPG-086
54	Multi Robot Area Exploration In Dynamic Environment	Dr.Ritu Tiwari	Shubham Shrivastava	2008IPG-088
55	Automatic Text Summarization Of The Top Ranked Page Among Multiple Pages	Prof.Anupam Shukla	Swapnil Shrivastava	2008IPG-092
56	Use Of Multiple Alternate Gateways For Defense Against Distributed Denial Of Service Attacks In A Network	Mr.Nirmal Roberts	Tridip Thrizu	2008IPG-094
57	Big Data Analysis On Genetic Disease Data In The Cloud	Dr.A.K.Talukder Dr.K.V.Arya	Tushar	2008IPG-095
58	Voice Accessibility with Multiquery Processing Using Scheduling Algorithms in Android	Prof. Anupam Shukla	V N Phani Kumar	2008IPG-098
59	Implementation Of P-FTP Protocol For File Downloader In A Smart TV	Prof.Anupam Shukla	Vaibhav Gupta	2008IPG-099
60	Improved Vehicle Tracking System Using Local Rank Pattern	Dr.Mahua Bhattacharya	Vikas Gupta	2008IPG-101
61	A Hybrid Approach for Multi Robot Exploration And Coordination In Complex Environment	Dr.Ritu Tiwari	Vimal Pratap Singh	2008IPG-102

62	Approach for mouth animation creation by voice	Dr. Mahua Bhattacharya	Vinod Gaur	2008IPG-103
63	A New Approach To Image Segmentation using Chan Vese Model And Comparison With other Models	Dr.Mahua Bhattacharya	Yogesh Kumar Singh	2008IPG-104
64	Domain Based Text Summarization	Dr. Mahua Bhattacharya	Arpan Khare	2008IPG-109
65	Speaker Recognition	Prof. Anupam Shukla	Devashree Roy	2008IPG-111
66	Software Reliability Growth Modelling Using Compoundede Decreased Rate And Fuzzy Paradigm	Dr.Ajay Kumar	Priya Bansal	2008IPG-112
67	A New Mseir Based Model For Virus Spread In Cross Organizational Networks	Dr.Ajay Kumar	Ayas Tiwari	2008IPG-113
68	Issues In Task Scheduling For Load Balancing In Cloud Environment (Budget and Load Based)	Prof.Shashikala Tapaswi	Pranshu Verma	2008IPG-114
69	Qus based Composite Web Service Selection Using Omproved Simulated Annealing	Dr.K.K.Pattanaik	Kaveri Chaudhry	2008IPG-116
70	Multi-Robot Task Allocation Through Dynamic Programming	Dr.Ritu Tiwari	Rahul Goyal	2008IPG-120
71	Robust Iris Identification System Using Local Descriptors	Dr. K V Arya	Girish Kumar Gupta	2008IPG-121
72	Design & Analysis of Road Network Management System Optimized With Nature Inspired Meta Heuristics.	Prof. Anupam Shukla	Chiranjib Sur	2011AN-002
73	A Novel Approach towards Development Of Cloud Based Elastic Honeypots With Service Switching	Prof. Shashikala Tapaswi	Dharmendra Pal	2011AN-003
74	Fuault Tolerant Execution Of Transaction Oriented Composite Grid Service	Dr. K.K. Pattanaik	Dharmendra Prasad Mahato	2011AN-004
75	Tamper Evident Recorder and Player	Mr.Nirmal Roberts	Mayank Kumar	2011AN-005
76	Real Time Human- Robot Interactive Coaching System With Full Body Control Interface	Dr.Ritu Tiwari	Neeraj Chanderiya	2011AN-006
77	Scheduling of Flows And Load Balancing In Data Center Networks	Dr.K.K.Pattanaik	Purushottam Kumar Sadh	2011AN-007
78	Attandene Management And Access Control in Smart Card Technology	Prof.Anupam Shukla	Shalini Jain	2011AN-008

79	Mechanism For Enhanced Bandwidth Utilization And Latency Reduction In 802.15.4	Dr.K.K.Pattanaik	Shivani Sharma	2011AN-010
80	Flow Sensitive Scheduling With Load Balancing For Data Center Networks	Dr.K.K.Pattanaik	Sourabh Bharti	2011AN-011
81	Improved Destination Driven On Demand Multicasting Routing Protocol	Mr.Nirmal Roberts	Suman Shakyawar	2011AN-012
82	Quantum Key Distribution Network With Entanglement And Wavelength Division Multiplexing	Dr.Pankaj Srivastava	Vikas Kumar Jha	2011AN-013
83	Resolving Interference In Multirobot System Using NFS	Dr.Ritu Tiwari	Punit Mittal	2011AN-014
84	FCAI Routing In Opportunistic Network	Dr.K.K.Pattanaik	Aniket Suresh Ingavale	2011AN-015
85	Handling Multi Robot Communication Failure In Wireless Environment	Dr.Ritu Tiwari	Abhishek Aggarwal	2011AN-016
86	Localization In Interference prone environments In Wireless Sensor Networks	Dr.K.K.Pattanaik	Saurabh Suradhaniwar	2011AN-017
87	Design And Application Of Differential Evolution	Dr.Ritu Tiwari	Pragati Shrivastava	2011AN-018
88	An Improved Threshold Based Dynamic resource Allocation Scheme For Cloud Computing	Mr.Nirmal Roberts	Sourabh Prasad Patel	2011AN-019
89	Economic denial Sustainability In Cloud Computing	Mr.Nirmal Roberts	Mohit kumar	2011AN-020
90	EEIS-An energy Efficient At Idle Slot Mac protocol For Wireless Sensor networks	Dr. P.K.Singh	Usha Jhadane	2011AN-021
91	Energy Efficient Load Balancing In Event Driven Wireless Sensor Networks	Dr.K.K.Pattanaik	Narendra Kumar Bagde	2011AN-022
92	Analysis of Access Policies in cognitive Radio Networks	Prof.Aditya Trivedi	Manish Kumar	2011DC-001
93	Efficient Path Planning Of Robot In Dynamic Environment	Prof.Anupam Shukla	Amit Kumar Shrivastava	2011DC-002
94	Auction Based Game Model For Power Trading In Wireless Cooperative Network	Prof.Aditya Trivedi	Kunwar Pritiraj Rajput	2011DC-005

95	Physical layer Authentication for Mobile Terminals Over MIMO Fading Wiretap Channels	Prof.Aditya Trivedi	Mahendra Kumar Shukla	2011DC-007
96	Comparison Of Detection Techniques For STBC-based TFT -OFDM	Prof.Aditya Trivedi Mr.Nirmal Roberts	Khushboo Singh	2011DC-008
97	A Study Of Forward Error Correction Codes And Their Performance Over Awgn Channel	Dr.Anurag Srivastava	Navindra Sikarwar	2011DC-009
98	Energy Performance Of Amplify And Forward Cooperative Network With Optimal Power Allocation	Prof.Adiya Trivedi	Nitin Sahu	2011DC-010
99	Resource Allocation In Ofdma System Using Variable Length Chunk Of Subcarriers	Prof.Aditya Trivedi	Radhika Gour	2011DC-011
100	A DPC based Beamforming design for MIMO system With Interference	Prof.Aditya Trivedi	Prateek Rathore	2011DC-012
101	Power Allocation In Cognitive Radio Network To Improve QoS At Secondary User	Prof.Aditya Trivedi	Karri Guru Govind	2011DC-013
102	Analysis Of radio Signal Strenght In Wireless Communication For High Speed train With Handover Strategy	Dr.Manisha Pattanaik	Narendra Nagariya	2011DC-015
103	Impact Analysis Of Transmitted Data Separation On Computational Efficiency	Dr.Anurag Srivastava	Sunil Kumar Amb	2011DC-016
104	An Indoor Optical wireless System Dedicated to Health Care	Dr.Anurag Srivastava	Surendra Kumar Chaudhary	2011DC-017
105	Performance Analysis Of Spray-Wait Epidemic And Prophet Routing Protocols In Opportunistic Network	Dr.Anurag Srivastava	Jabar Singh Mahor	2011DC-019
106	Improving Signal Gain In Graded Index Polymer Optical Fiber Amplifier	Dr.Anurag Srivastava	Banoth Vinod Kumar	2011DC-020
107	Outage Analysis Of Cooperative Wireless Transmission For Physical Layer Wireless Security	Prof. Aditya Trivedi	Om Jee Pandey	2011DC-021
108	Throughput Enhancement Using Network Modulation In Cooperative Communication	Prof. Aditya Trivedi	Mohitendra Singh Mohit	2011DC-022
109	Performance Analysis For Diversity-Multiplexing Delay Tradeoff In Decode And Forward MIMO Relay Networks	Prof.Aditya Trivedi Dr.K.V.Arya	Praveen Pawar	2011DC-023

110	Performance Comparison Of Multihop Wirelesss ADHOC Routing Protocols AODV,OLSR & TORA	Dr.P.K.Singh	Mahesh Chandra Gupta	2011DC-024
111	QoS Guaranteed Joint Source Relay Precoder Design For Amplify-and Forward MIMO Relay Network	Prof.Aditya Trivedi	Bhagya Shri Gupta	2011DC-025
112	Composite Qos Parameter Based Web Service Comosition using modified convex Hull	Dr. K.K.Pattanaik	Rajeev pratap Singh	2011IS-001
113	Error Resilient Transmission Over Wireles Networks With Improved Flexible MacroBlock Ordering	Dr.K.V.Arya	Saumya Bhadauria	2011IS-002
114	Development Of A Cloud Based Centalised Event Monitoring System For Intrusion Detection & Forensics Investigation	Prof. Shashikala Tapaswi	Asit More	2011IS-003
115	Efficient Crypto-Accelerator Design For RSA Cryptosystem	Prof. G.K.Sharma Dr. K.V. Arya	Rishabh Awasthi	2011IS-004
116	A Priority Based Job Scheduling Using IBA and Easy Algorithms For Cloud Metaschedular	Mr.Nirmal Roberts	Kalka Dubey	2011IS-005
117	Game Theoretic Approach For Network Attack Analysis	Prof.Shashikala Tapaswi	Manoj Bhatt	2011IS-006
118	Performance Analysis Of AODV And DSR Routing Protocols Of MANET Under Wormhole Attack And A Proposed Trust Based Routing Algorithk For DSR	Mr.Nirmal Roberts	Shripriya Tripathi	2011IS-007
119	Securing Aodv Protocol Against Blackhole Attack Using Trust Based Routing protocol In Manet	Dr. K.V.Arya	Dheeraj Paroha	2011IS-008
120	A Fuzzy Hashing Based Approach for Mitigating Attacks On Web Services	Mr. Nirmal Roberts	Sunil Sharma	2011IS-010
121	Detection And revention against ARP Poisoning Attack Using Modified ICMP AND Voting	Dr.K.V.Arya	Prerna Arote	2011IS-011
122	An Improved Image Authentication Technique Using Random-Sequence Based Secret Sharing Scheme	Dr.K.V. Arya	Sapna Kushwah	2011IS-012
123	Congestion Control In Differentiated Services Networks	Mr.Nirmal Roberts	Vinod Kumar	2011IS-013
124	Cryptoaccelerator Architecture For Confidentiality And Authentication	Prof.G.K.Sharma	Vivek Kumar	2011IS-015

125	An Efficient Approach for Digital Image Edge Detection Using Ant Colony Algoriothm.	Dr.Mahua Bhattacharya	Pratima Biswas	2011IS-016
126	Analysis And Prevention Mechanism For Packet Drop Attack In Wireless Networks	Mr.Nirmal Roberts	Rajendra Ansari	2011IS-017
127	Detection And Mitigation Of Cross-site Scripting Attacks In Web Based Application	Dr.K.V.Arya	Reenu Rajpoot	2011IS-018
128	HTTPI Based Web Service Security Over Soap.	Mr.Nirmal Roberts	Pankaj Choudhary	2011IS-019
129	Power Aware And Secure Routing in Mobile And Ad-hoc Network (MANET)	Dr.K.V.Arya	Kuldeep Narayan Tripathi	2011IS-020
130	Securing Data In Cloud Storage Using Trusted Platform Module	Dr.K.V. Arya	Abhishek Patel	2011IS-021
131	Securing AODV Routing Protocol in MANET using NMAC with HBKS Technique	Dr.K.V.Arya	Shyam Singh Rajput	2011IS-022
132	Secure Routing Protocol Against DDoS Attack For Wireless Sensor Networks	Dr.K.V.Arya	Surendra Nagar	2011IS-023
133	A Correlated Anomalies Intrusion Detection System For Botnet Detection	Mr.Nirmal Roberts	Dinesh Ahirwar	2011IS-024
134	Temperature Insensitive NBTI Tolerant Design Of Power Gated Circuits	Dr.Manisha Pattanaik	Neelam Arya	2011VLSI-002
135	Design Of Low Contention Minimal Leakage And Process Variation Tolerant Wide Fan In Domino Logic Multiplexers	Dr.Manisha Pattanaik	Shruti Mehrotra	2011VLSI-003
136	Variation Aware Power Efficient On-Chip Delay Sensor For SDD Screening	Prof.G.K.Sharma	Govind Sharma	2011VLSI-004
137	NBTI Recovery Techniques for Nano Scale Sram Array	Prof.G.K.Sharma	Priyanka Mishra	2011VLSI-005
138	Variation Aware On-Chip High Precision Architecture to detect Small Delay Defects	Prof.G.K.Sharma	Rahul Krishnamurthy	2011VLSI-006
139	Clockgating Aware Low power ALU Design And Implementation On 28nm FPGA	Dr.Manisha Pattanaik	Bishwajeet Kumar Pandey	2011VLSI-008

140	Investigation NBTI Isuues In Low Average Power Minimal Contention Based HighSpeed process Variation Tolerant 32bit Wide fan In Domino Logic Circuits	Dr.Manisha Pattanaik	Satwik Patnaik	2011VLSI-010
141	Ground Bounce Noice And Nbti Aware Multi Threshold Cmos power Gating Techniques	Dr.Manisha Pattanaik	Harsh Vishwakarma	2011VLSI-011
142	Variation Aware Flip-Flop Based Pipeline Design Using Power Gating Techniques	Dr. Manisha Pattanaik	M.R.Shrivastava	2011VLSI-012
143	Negative Bias Temperature Instability Aware Multi Threshold Design	Dr.Manisha Pattanaik	Shweta Singh	2011VLSI-013
144	Process Variation Aware Design for Ultra Low Power Subthreshold 8T Sram Cell	Dr.Manisha Pattanaik	Sumit Patel	2011VLSI-014
145	Clock Gating based Low Power Sequential Circuit Design	Prof.Anupam Shukla Dr.Manisha Pattanaik	Mahendra Pratap Dev	2011VLSI-015
146	NBTI Tolerant Low Power 6T-SRAM Cell Design	Dr.Manisha Pattanaik	Ashvinkumar Dongre	2011VLSI-016
147	Study Of reversible MUX Through Single Electron Transistor (SET) and Its Stability Analysis	Dr.Pankaj Srivastava	Amit Kumar	2011VLSI-019
148	Role Of Different Dielectrics And Substrate Materials In Junctionless Vertical Double Gate MOSFET	Dr.Anurag Srivastava	Pankaj	2011VLSI-020
149	Performance Enhancement Of Junctionless Double Gate MOSFET	Dr.Anurag Srivastava	Boddepalli Santhibhushan	2011VLSI-021
150	Design And Simulation Of Tunnel Fet For Low Standby Power Logic Circuits	Dr.Manisha Pattanaik	Abhishek Mishra	2011VLSI-022
151	A Process Veriation Aware Low Power SRAM Design	Dr.Manisha Pattanaik	Vinay Kumar Saraswat	2011VLSI-023
152	Simulation Based Study and Parametric Analysis Of Tunnel FET For Analog Circuits	Dr.Manisha Pattanaik & Dr.Pankaj Srivastava	Varun Sharma	2011VLSI-024
153	Mitigation Techniques To Compensate The Impact Of Process Variation For SRAM Array design	Prof.G.K.Sharma	Sunil Dutta	2011VLSI-025

MBA Thesis Report (During April 2013 - March 2014)

S. No.	Title	Guidance	Author	Roll No.
1	Selection of Financial Inclusion Model For Unbanked People In India Using Analytical Hierarchy Process	Dr.Ajay Kumar Dr.Manoj Kumar Dash	Abhishek Anand	2008IPG (MBA)-003
2	E-Customer Satisfaction Index	Prof.Deepali Singh	Akanksha Yadav	2008IPG (MBA)-005
3	Social Media Marketing Effectiveness Index	Prof.Deepali Singh	Ashish Choudhary	2008IPG (MBA)-017
4	Impact Of Exchange Rate On Nse Nifty And It Index Performance : An Empirical Study	Dr.Gaurav Agrawal	Dinesh Singh Baisla	2008IPG (MBA)-024
5	Career Commitment And Social Support	Dr.Manoj Patwardhan	Divya Porwal	2008IPG (MBA)-025
6	Quality Function Deployment in Supplier Selection of A Manufacturing Firm	Dr.Padmanav Acharya	Duyu Komo	2008IPG (MBA)-026
7	Factors Affecting Employee Performance in Indian IT Companies	Dr.Manoj Patwardhan	G.Neetha Reddy	2008IPG (MBA)-028
8	Prediction Of Indian Stock Market Returns	Dr.Manoj Kumar Dash	Harish Ghodki	2008IPG (MBA)-033
9	Mutual Fund Performance	Dr.Manoj Kumar Dash	Jakta Murmu	2008IPG (MBA)-039
10	Comparative Monetary Policy Initiative By RBI Under The Different Government	Dr. Manoj Kumar Dash	Manish Pratihar	2008IPG (MBA)-048
11	An Empirical Analysis Of Equity Futures And The Underlying Equity Securities	Dr.Manoj Kumar Dash	Manish Sharma	2008IPG (MBA)-049
12	Team Performance	Dr.Manoj Patwardhan	Naushad Ali	2008IPG (MBA)-056
13	Multi-Criteria Decision Making For Third Party Logistics Service Provider Selection With AHP Intergration With TOPSIS Methodology	Dr.Ajay kumar	Nishant Kolhe	2008IPG (MBA)-060
14	Advertisement Effectiveness Index	Prof.Deepali Singh	Nitin Deshdeep	2008IPG (MBA)-062
15	A Comparative Study Of Public & Private Insurance Companies In India	Dr.Manoj Kumar Dash	Pankaj Prasad	2008IPG (MBA)-063

16	Job Routinization And Formalization: impact on job satisfaction creativity of employees	Dr.Manoj Patwardhan	Rajesh kumar	2008IPG (MBA)-071
17	Global Practices In Demand Chain Management	Prof.Deepali Singh	Rohit Basnal	2008IPG (MBA)-076
18	Key Performance indicators of Marketing strategies	Prof. Deepali Singh	Sakshi Bhambho	2008IPG (MBA)-080
19	An International Perspective To Multi-Commodity Forecasting:A Fuzzy-Neural Network Implementation	Dr.Ajay Kumar	Shashank Sukumaran	2008IPG (MBA)-084
20	Efficiency Of Indian Airports Through Public Private Partnership (PPP) Mode -A Dea Analysis	Dr.Manoj Kumar Dash	Shilpi Agrawal	2008IPG (MBA)-087
21	Efficiency And Productivity Analysis Of Scheduled Commercial Banks In India	Dr.Ajay Kumar Dr.Manoj Kumar Dash	Sidharth Singh	2008IPG (MBA)-090
22	The Mathematical Modeling And Prediction Of Stage Structured Vedio And Computer Game Playing Population	Dr.Joydip Dhar Dr.Gyan Prakash	T.K.Shriram	2008IPG (MBA)-093
23	The Study of Crude Oil price Fluctuation And Its Impact On BSE-Sensitive Index	Dr.Ajay Kumar Dr.Manoj Kumar Dash	Vandana Chaudhary	2008IPG (MBA)-100
24	Understanding The Impact of Financial Crisis And The response Pattern Of The Indian IT Firms.	Dr.Manoj Kumar Dash	Prarabdha Nandeshwar	2008IPG (MBA)-105
25	Investment Behaviour Of different Generation In Indian Financial Market	Dr.Ajay Kumar Dr.Manoj Kumar Dash	Yashita Ratra	2008IPG (MBA)-106
26	Determinants Influencing Foreign Institution Investor's portfolio Decision-A Cause -Effect Analysis In Indian Context	Dr.Gaurav Agrawal	Arti Omar	2008IPG (MBA)-108
27	Entrepreneurial Competencies; A Study in Indian MSMEs	Dr.Manoj Patwardhan	Surbhi Jain	2008IPG (MBA)-118
28	Analyzing The Factors Associated With Social Media Engagement And Its Effect On Product Purchase Decisions	Dr.Joydip Dhar Dr.Gyan prakash	Abhishek Kumar Jha	2008IPG (MBA)-119
29	Analyzing Post Implementation Effectiveness Of ERP in a large tyre manufacturing industry A Case based study	Dr.P.Acharya	Amol Vijay Pol	2011MBA-003

30	Identification Of Key Performance Indicators In Logistics :An Exploratory Study Of TATA Motors	Prof.P.Acharya	Atul Kumar Singh	2011MBA-004
31	Factors Triggering HR Outsourcing Decisions In India	Dr.Pradip Swarnakar	Dibyendu Roy	2011MBA-006
32	Impact Of Reverse Logistics In Apparel Industry	Dr.Padmanav Acharya	Divya Taneja	2011MBA-007
33	A Perceptual Study Of Relative Effectiveness Of Tools & Techniques Used In Sales Promotion	Prof. Deepali Singh	Madhurima Gupta	2011MBA-009
34	Measurement And Devlopment Of An Effective Awareness Mechanism Of Governmental Schemes in Rular India	Prof. Deepali Singh	Mayank Dixit	2011MBA-011
35	Effect of Leadership on Conflict in Organization	Dr. Manoj Patwardhan	Monica C Bhadoriya	2011MBA-012
36	Social Cost Benefit Analysis: A Case of NTPC, Auraiya	Dr. P.Acharya	Neha Misra	2011MBA-013
37	Study of Inbound Supply Chain For Locomotives -Acase Study	Dr. P.Acharya	Prachi Tiwari	2011MBA-014
38	Critical Factors For Successful implementation Of Green Supply Chain Management Practices in Electrical And Electronics industry	Dr. P.Acharya	Rachit Mehrotra	2011MBA-015
39	Supply Chain Management under Damand Variability	Prof.Deepali Singh	Rachit Singhal	2011MBA-016
40	Work Related Expectancy And Empowerment	Dr.Manoj Patwardhan	Raman K Bhimra	2011MBA-017
41	Performance Measurement In Agile Supply Chain	Dr.P.Acharya	Sarvesh Singh Tomar	2011MBA-019
42	Technical Analysis Of Derivatives in Indian Financial Market : A Case Study Analysis	Dr.Manoj Kumar Dash	Shweta Gigras	2011MBA-020
43	Measuring Ingratiatory Behaviour in Organizational Setting	Dr. Manoj Patwardhan	Sneha Shrivastava	2011MBA-021
44	Market Risk Analysis Using Value At Risk Computation In Banking Sector	Dr.Manoj Kumar Dash	Sushant	2011MBA-022
45	A Case Base Study Of The Critical Factors Of Supply Chain Performance Measurement System	Prof.P.Acharya	Vikas Bhardwaj	2011MBA-02

Faculty Members as Reviewers/ or on Editorial Boards of Journals

S.No.	Faculty	Name of Journal	Publisher	Since
1.	Prof. S.Tapaswi	Reviewer for International Journal of IJAHUC, International Journal of Ad Hoc and Ubiquitous Computing,	Inderscience Publishers.	2013
2.	Prof. S.Tapaswi	Reviewer for International Journal, Autosoft Journal on Soft Computing and Automation Journal,	World Automation Congress.	2010
3.	Prof. S.Tapaswi	Reviewer for Elsevier Journal on Computer Standards and Interfaces.	Elsevier	2011
4.	Prof. S.Tapaswi	Reviewer for Elsevier Journal on Adhoc Networks.	Elsevier	2013
5.	Prof. S.Tapaswi	Information and Telecommunication Technology (ISSN, 0976-5972)	The Society of Research and Initiatives for Science and Technical Education (SRISTE)	2012
6.	Prof. S.Tapaswi	Reviewer for International Journal of Security and Communication Networks, Wiley, John Wiley and Sons.	Wiley	2011
7.	Prof. S.Tapaswi	Reviewer for International Journal of IJCDNS, International Journal of Communication Networks and Distributed Systems,	Inderscience Publishers.	2011
8.	Prof. S.Tapaswi	Reviewer for International Journal Neural Computing & Applications, Springer	Springer	2010l
9.	Prof. S.Tapaswi	Reviewer for International Journal Wireless Personal Communication, Springer	Springer	2012
10.	Prof. S.Tapaswi	Reviewer for IEEE transaction on Generation Distribution and Transmission	IEEE	2009
11.	Prof. Anupam Shukla	Neurocomputing	Elesvier	2008
12.	Dr. K. V. Arya	Cyber Times International Journal of Technology and Management,	Cyber Times, Press, New Delhi, India	2012

13.	Dr. Anurag Srivastava	Quantum Matter	American Scientific Publisher, USA	2011
14.	Dr. Anurag Srivastava	ISST Journal of Applied Physics	ISST Publisher, India	2011
15.	Dr. Anurag Srivastava	ISST Journal of Electrical and Electronics	ISST Publisher, India	2011
16.	Dr. Anurag Srivastava	Journal of Systems Analysis and Software Engineering	American Scientific Publisher, USA	2014
17.	Dr. Anurag Srivastava	Journal of Computing	Library of Congress, USA	2010
18.	Dr. Pankaj Srivastava	"American Journal of Modern Physics"	Science Publishing Group, USA	2013
19.	Dr. Pankaj Srivastava	"GRAPHENE"	ScientificResearch Publishing, USA.	2013
20.	Dr. M. Pattanaik	ISST Journal of Electrical & Electronics Engineering (IJEEE)		2010
21.	Dr. M. Pattanaik	International Journal of Computer Science and Engineering Technology (IJCSET)		2012
22.	Dr. Ritu Tiwari	Research Journal of Information Technology by Science Alert	Science Alert	2010
23.	Dr. Ritu Tiwari	Journal of Artificial Intelligence by Science Alert	Science Alert	2010
24.	Dr. Ritu Tiwari	Journal of Digital Content Technology and its Applications (JDCTA).	Advanced Institute of Convergence Information Technology)	2010
25.	Dr. Manoj Kr. Dash	International Journal of Higher Education, International Journal of Sociological Research, 4D Journal of Management, IJBE and international Journal of Productivity and Management		

Plantation at the ABV-IIITM Campus

Annual Report Committee:
- Mr. Sanjay Bhatnagar (Registrar)
- Dr. Gaurav Agrawal (Associate Professor)
- Dr. Manoj Kumar Dash (Assistant Professor)
- Mr. D.P. Singh, (Deputy Registrar, F & A and S & P)
- Dr. Ekta Sakwar (Assistant)