

ANNUAL REPORT 2015-16



PANDIT DWARKA PRASAD MISHRA
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, JABALPUR
(An Institute of National Importance Established by an Act of Parliament)



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Design and Manufacturing, Jabalpur
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Annual Report

2015-16

CONTENTS

S. No.	Description	Page No.
1.	Director's Report	1
2.	The Institute	9
3.	Institute At a Glance	11
4.	Governance	12
	a. Board of Governors	
	b. Finance Committee	
	c. Building & Works Committee	
	d. Senate	
	(i) Various Standing Committees of the Senate	
5.	Academics/Administration	19
	a. Faculty	
	b. Visiting Faculty	
	c. Research Engineers	
	d. Office Administration	
	e. Appointments/Retirements/Resignations	
6.	Academic and Research Activities	34
	a. Academic Programmes	
	b. Academic & Students Enrolment	
	c. Research Projects/Consultancy	
	d. Research Publications	
7.	Faculty Achievements	66
8.	Convocation 2015	67
9.	Placements	71
10.	Scholarships, Freeships & Financial Assistance	72
11.	Library	74
12.	Students Festivals and Events	82
13.	Students' Achievements	88
14.	Other Activities	89
15.	Workshops/Seminars/Training/Awareness Programs Organized	92
16.	IIITDMJ and Japan Collaboration	96
17.	Jabalpur-Academia Initiative (JAI)	98
18.	Infrastructure Development	99
19.	Major Equipment Procured	104
20.	Annual Accounts (For the FY 2015-16)	105
21.	Right To Information Act – 2005: Report	117



DIRECTOR'S REPORT

Indian Institute of Information Technology Design and Manufacturing Jabalpur has the distinction of being the first Institute established by the MHRD, Government of India with the primary objective of promoting high quality education in IT enabled Design and Manufacturing. The cherished aim is to produce talented and skilled human resource adept with the new knowledge and set of skills for the growth of Indian manufacturing sector. The Institute provides a seamless environment for creativity and innovation and faculty, students and alumni are making sincere efforts to create an eco-system to build sustainable partnership with Indian industry.



It is a matter of great pleasure to share that the Institute is in its 11th year of existence and is an “Institute of National Importance” (through an act of Parliament, IIIT Act, 2014). It is indeed a privilege for me to report the progress and achievements of the Institute in this historic year and to give a brief account of some of the main activities, achievements and events that took place at the Institute in the year 2015-16.

Academic Programmes

Established in 2005 the Institute is imparting quality education in three basic fields of engineering, Computer Science & Engineering, Electronics & Communication Engineering and Mechanical Engineering. With the Graduate, Master's and PhD programmes in these disciplines, the Institute also offers Graduate, Master's and PhD programmes in Design, Masters programme in Mechatronics, PhD programmes in Natural Sciences (Mathematics/ Physics/English).

Our UG programme continues to be a flagship programme and is also the most sought after and for which the entry is through the JEE Mains. In the academic session 2015-16, 311 UG students, 100 Masters' students and 19 Doctoral students were admitted.

Sponsored Research & Extension

IIITDMJ 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 followings important projects were sanctioned to the faculty of the Institute with total financial outlay of Rs. 222.16 Lakhs:



1. “Electronics and Spintronics properties of Halogen Functionalized Graphene Nanoribbons”, duration 2015-18, PI: Dr. Neeraj Kumar Jaiswal, funding agency-Science and Engineering Research Board (SERB)/DST, New Delhi, with total sanctioned amount of INR 19.93Lakhs.
2. “Design and Development of RF Energy Harvesting Circuits for Low-Power electronics Devices”, duration 2015-19, PI: Dr. Jawar Singh, funding agency- Science and Engineering Research Board (SERB)/DST, New Delhi with a total sanctioned amount of INR 54.52 Lakhs.
3. “Special Manpower Development Programme for Chips to System Design”, duration 2015-16, PIs : Prof. PN Kondekar, Dr. Jawar Singh, Dr. Dheeraj Sharma; funding agency-CEERI, Pilani (Dept. of Electronics and Information Technology) with a total sanctioned amount of INR 16.95 Lakhs.
4. “Fractal Based Dielectric Resonator Antennas for compact wideband and High Gain Applications” duration 2015-18, PI : Dr. B. Mukherjee, funding agency- Science and Engineering Research Board (SERB)/DST, New Delhi, with total sanctioned amount of INR 30.76 Lakhs.
5. “National Initiative for settings up DIC Hub/Spoke Model,” duration 2015-18, PIs : Prof. Tanuja Sheorey and Dr. Atul Gupta, funding agency- DIC/RDDV Jabalpur, with total sanctioned amount of INR 100.00 Lakhs.

Institute is also providing consultancy to Gun Carriage Factory, Jabalpur, NAM S&T Centre, New Delhi and NID, Ahmedabad.

Electronics and ICT Academy

The Institute has also started Electronics and ICT Academy to cater 3 states (Madhya Pradesh, Chhattisgarh, Maharashtra) sponsored by DeitY. This academy is going to be a landmark in imparting quality training to faculty members and initiating the train the trainer programme on various themes of contemporary interest. Following courses have been conducted under this academy during 2015-16.

1. “Data Structures & Algorithms using C”, (September 19-26, 2015) 30 number of candidates attended.
2. “Computations I Methods and GUI Development for Scientists and Engineers”, (October 28, 2015 to November 01, 2015) 36 candidates attended.
3. “Developing Android Application for Fund & Profit”,(December 14-20, 2015) 40 candidates attended.
4. “Business Communication & Soft Skills in Corporate Culture”, (December 19-25, 2015) 34 candidates attended.



5. "Theory & Application of Signal & Systems MANIT Bhopal", (March 18-23, 2016) 50 candidates attended.
6. "Computer Programming and GUI Development using MATLAB", (March 28, 2016) 40 candidates attended.

StartUp Centre

It is a matter of great pleasure to share that the Institute has been declared a one of the 13 StartUp centres by the Government of India. StartUp India campaign is an ambitious project of MHRD and DST combine to create an eco-system in educational institutions to promote creativity and innovation among student community and to boost entrepreneurship and encourage StartUps with jobs creation. The campaign was first announced by Hon'ble Prime Minister Shri Narendra Modi Ji in his 15th August, 2015 address. Preparations on this front are progressing well and a formal launch of the centre is planned in September 2016.

Jabalpur Academia Initiative

Institute is taking proactive steps in forging an alliance with academic and research institutions of Jabalpur to provide a platform to discuss some of the common problems of people of Jabalpur. Institute has developed a network of six universities/colleges of Jabalpur under the aegis of "Jabalpur Academia Initiative" with an objective "To build a sustainable partnership for research and common social initiatives for bringing a positive change in the lives of people of Jabalpur". A workshop on 'Life Saving Techniques' was held at MP Medical Science University, Jabalpur on March 28, 2016. Several more such events are also planned for the coming year.

Conferences and Workshops

As in the past, the Institute has hosted several seminars/conferences and workshop as a part of our mandate. All these events were well attended and several eminent experts were invited to deliver the guest lectures. Institute faculty is taking keen interest in such activities in the Institute.

1. Data Structures and Algorithms (19- 26 September 2015)
2. Developing Android Application for Fun and Profit (14-20 December 2015)
3. Entering Adulthood (10 March 2016)
4. Fights against Sexual Crimes and Gender Discrimination (15-16 February 2016)
5. Jabalpur Academia Initiative Meet (17 February 2016)
6. Optimisation Techniques for Solving Engineering and Management Problems(2-6 March 2016)
7. Computer Programming and GUI Development using MATLAB (18-23 March 2016)



Faculty Achievements

Core of the knowledge community of the Institute is its faculty drawn from institutions of eminence from India and abroad who strive to excel in research, teaching and institutional building. Institute faculty is working in a variety of areas in engineering, sciences, design, management and humanities. During this year 2 new faculty members joined the IIITDMJ family making the total faculty strength to 45. In addition, the Institute has 05 Research Engineers who also contribute in development of labs, practical sessions, mentoring of students in design and other projects. Further, the Institute invites eminent speakers from academics and industries to enrich the trans-disciplinary nature of education at Institute. Several eminent scholars from the country and Japan have visited the Institute and have contributed in the teaching programmes of the Institute. Some of the notable achievements of faculty are highlighted here.

1. Prof. Puneet Tandon, Conference Chair, 2016 International Conference on Design, Materials and Manufacturing (ICDMM 2016), Kuala Lumpur, Malaysia, March 25-27, 2016.
2. Prof. Puneet Tandon, Guest Editor, Design for All, (Special Issue on: "Design from Waste"), February 2016, Vol. 11, No. 2, 2016.
3. Prof. Puneet Tandon and his Lab Group (deIDGIC Lab) Awarded First Prize in IMTEX Forming 2016 on "Dieless Manufacturing" held during January 21-26, 2016 at Bengaluru, India (Organized by Indian Machine Tool Manufacturers' Association).
4. Dr Atul Gupta, Student Travel Grant Chair for 9th India Software Engineering Conference, Feb 18-20, 2016 BITS Pilani, Goa Campus, Goa, India.

Staff

The Institute takes pride in having committed staff on its roll. The staff members are encouraged to participate in training programmes organised by reputed agencies to enhance their skill sets and for delivery of quality service. In-house training/Workshops were also conducted for the staff to update and sharpen their professional skill.



Student Activities and Laurels

Apart from concentrating on academic activities, the Institute also places 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. Students operate more than 25 clubs in the campus to learn and show their creative talent round the year. Student activities cover whole spectrum of sports, cultural and technical events throughout the year. As in the past, year round activities of students keep the campus vibrant and colourful. Three important annual festivals of the Institute Tarang, Abhikalpan and Gusto organized by the students have become the centre of attraction not only for students of Jabalpur colleges but also from various other Institutes from across the country and attracted wide participation and good quality response. Our students have won several accolades and laurels this year at many events organised at national level.

- (i) Mr. Ritwik Roy, Roll No. 2013171 & Mr. Parantap Chakrabarti, 2013145,, was runner-up at Chimera 2016(a general quiz), organized by Indian Society for Technical Education Students' Chapter MANIT Bhopal, held on 28th February, 2016. Won a cash prize of Rs 7500/-.
- (ii) Mr. Diwakar Vaish, Roll No. 2014052 won 2nd prize in online poster making competition in 'Recycle Campaign' organized by IIT Bombay
- (iii) Ms. Shivangi Khare, Roll No. 2014165 offered IASc-INSA-NASI Summer Research Fellowship at IIT Hyderabad and also selected under IIT Bombay Eklavya internship programme.
- (iv) Mr. Yash Raizada, Roll No. 2014206 and Yasawini Ravuri, Roll No. 2014205 participated in 'GO Green in the City 2016', a global business challenge hosted by Schneider Electric Paris.
- (v) Mr. Abhilash Mishra (2012143) and Amit Gupta (2012021) got a performance award at the AMADA 28th Precision Sheet Metal Technology Fair 2016 held at Tokyo Japan and also sent for a technical training at JINPAO Industries, Thailand for a period of 3 weeks from 18th February 2016 to 09th April 2016.
- (vi) Mr. Deshal Dan (2012073) got second prize in Essay Competition on Smart City organized by Nagar Nigam Jabalpur (M.P.)

Placement

“A brilliant bunch of engineering candidates, extremely capable- makes selection of candidates a rich and fruitful experience” was the comments from LAVA International, a first time recruiter on campus, reaffirming the quality of students and the process at PDPM IIITDM Jabalpur. With 10 PPOs, this



year garnered an overall average CTC of INR 12.32 LPA, an increase of 12.5% as compared to last year. The highest domestic package was INR 21 LPA while the highest International package stood at INR 36.6 LPA. The companies participating in the placement process made 210 offers and concluded with 112.90% placements on a successful note.

Thus a steep rise in offers was seen in placements 2016. The leading corporates recruiters were Canon Inc. Japan, Work Applications Japan, Mitsubishi Heavy Industries Japan, Brahmos Aerospace, Trident Group, S&P Capital IQ and ITC. Our corporate visitors were delighted to see the enthusiasm of students exuded in the placement process which was evident in their positive feedback. The Brahmos HR Commodore S.K. Iyer remarked, "I have no doubt that the reshaping of India in the much needed traction to the manufacturing sectors can only be provided by these youngsters."

As we seek to combine both scale and quality, the future holds tremendous promises for the Institute. The spectacular success of placements year after year is its testimony.

International and National Collaboration

The Institute enjoys a very special relationship with Japan under a treaty signed between the Governments of Japan and India. This treaty provides excellent opportunities to our faculty and students to interact with Japanese counterparts. This year 29 of our students along with one faculty visited Japan during January 19-26, 2016 under the JENESYS programme. Likewise 04 students were offered six months internship under the IIITDMJ–Japan collaboration at various Japanese companies in Japan. Furthermore, six Japanese Professors also visited the Institute to contribute in our teaching programme during the session 2015-16.

Institute has signed two MoUs this year to foster a relationship with Indian industry and academia. One MoU was signed with Bharat Forge Limited to collaborate in two major thrust areas, viz, development of small gas turbine engine and development of new additive manufacturing machine tool. Another MoU was signed with Design Innovation Centre of RDVV to collaborate in the area of waste management.

Financial Report 2015-16

1. An amount of Rs. 3649.60 Lakh was sanctioned as the plan grant to the Institute in the FY 2015-16. Internal Income of the Institute for the FY 2014-15 was Rs. 679.27 Lakh which has been transferred to Institute corpus fund.
2. At the end of the financial year 2015-16 Institute corpus was Rs.2260.24 Lakh. The head wise sanction and utilization of grant is given below.



Particulars	Head 36 (Salary)	Head 31 (General Expenses)	Head 35 (Creation of Capital Assets)	Total (Rs. in Lakhs)
Opening balance as on 1/4/2015	155.20	79.26	1.07	235.53
Grant received during the FY 2015-16	834.70	1114.90	1700.00	3649.60
Total Funds Available	989.90	1194.16	1701.07	3885.13

Out of the total available funds, an amount of Rs. 4144.25 lakh has been utilized in different heads as follows:

Particulars	Head 36 (Salary)	Head 31 (General Expenses)	Head 35 (Creation of Capital Assets)	Total in Lakh
Grant available	989.90	1194.16	1701.07	3885.13
Expenditure incurred	856.03	1625.68	1662.54	4144.25
Balance funds as on 31/3/2015	133.87	-431.52	38.53	-259.12

(i) Opening balance from F.Y. 2014-15 :- The Institute had an opening balance of 235.53 Lakhs, mainly in Salary and General Expenses object head out of which Rs. 145.00 Lakhs for SC/ST category.

(ii) Meeting of Deficit and balance amount: - The deficit of Rs. 459.89 Lakhs was met from the loan taken from the Internal Corpus, however there was an unspent balance of Rs. 199.77 Lakhs mainly under object head Salary for SC/ST category.

(iii) The opening balance of Institute Corpus was Rs. 1580.97 Lakhs and this year Rs. 679.27 Lakhs were added from the internal incomes. Out of which 459.89 Lakhs loan was given to the Institute for meeting Salary and General Expenses.

3. Out of total capital expenditure an amount of Rs. 1253.00 Lakhs was expended for civil constructions, which includes advance to CPWD and other expenditure on capital items includes Furniture and fixtures amounting Rs. 89.00 Lakhs, Equipment amounting Rs. 49.00 Lakhs, computer hardware and software amounting Rs. 99.00 Lakhs and Library books and e-journals amounting Rs. 172.00 Lakhs.



Infrastructure

The Institute has a picturesque land of 250 acres. Institute is making consistent efforts to develop a smart campus to cater to the need of students, faculty and staff members. I am glad to inform you that Primary Health Centre has been made functional this year and four medical specialists are appointed. Institute has made NKN facility functional to ensure effective content delivery of various courses/lectures offered by eminent speakers at other places. Institute has ensured uninterrupted power supply to the campus residents by installing two DG sets in the campus.

Other activities

I am pleased to state that Institute is taking active part in all Gol activities from time to time. The “Hindi Pakhwada” was celebrated during 14th to 28th Sept'15. During this period several events were organized by the students and staff members jointly. These include Quiz, Debate, essay writing & poem writing, etc. As an encouragement, students and staff members were awarded various prizes and certificate of merits.

Institute community is quite active in promoting the Swachch Bharat Abhiyan of Gol. Faculty, students and staff have participated in Swachhachta Abhiyan in campus, nearby villages and at several public monuments in Jabalpur. Institute has started (National Service Scheme) NSS chapter this year in its campus to inculcate spirit of national service among budding engineers. Its objective is to work for the betterment of society and to instil the spirit of social service among the young students. Students have shown great enthusiasm and are participating in social awareness programmes, health awareness programmes, cleanliness drives, skill development programmes and other issues for the integrated development of people of nearby villages. Another initiative of our students worth mentioning here is “JAGRITI”. Under this initiative, our students are educating children of nearby FIVE villages by conducting classes in the campus every day. These student volunteers are also educating these kids on various skills such as music, rangoli making, dramatics etc. for their wholesome development.

This year has been a year of achievements and the campus has also witnessed enormous progress in every field. Students, faculty and staff have made significant contribution in building the traditions and culture of the Institute.

Pramod Kumar Jain,
Director



THE INSTITUTE

Brief Historical Background

Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (PDPM IIITDM) Jabalpur was established by the Ministry of Human Resource Development on January 24, 2005 under Madhya Pradesh Society Registration Act 1973. The foundation stone of the Institute was laid by Late Shri Arjun Singh, the then Minister of Human Resource Development (MHRD) on February 7, 2005. The first academic session of PDPM IIITDM Jabalpur started from August, 2005. The Institute started operating from the temporary location at the IT Bhawan of the Jabalpur Engineering College. Prof Sanjay G. Dhande, Director, IIT Kanpur was given the additional charge as the Director of the Institute. Simultaneously, the efforts were on to find suitable land where the campus of the new Institute could be developed. On May 3, 2006 a land of 250 acres near Dumna Airport of Jabalpur was identified by the State Government of M.P. and was handed over to the Institute. Construction work of Phase I buildings was started in 2007.

Vision

PDPM Indian Institute of Information Technology, Design and Manufacturing (IIITDM) Jabalpur shall emerge as a Global Knowledge Hub for quality research and teaching under the broad area of Design and Manufacturing through cross disciplinary, innovative, futuristic and dynamic approaches.

Mission

To create an environment of high quality research and training that:

- Provides maximal opportunities for intellectual and creative development.
- Provides exposure to solve real life problems through interdisciplinary approaches.
- Encourages students to learn through inquiry and hands on experience rather than simple transmission of knowledge through class room teaching.

Values

Besides continuing its ongoing activities, the Institute seeks to act in a manner that is guided by a deep rooted sense of shared values and aspirations for its future planning. Working under such a sound frame of reference The Institute:



- a. Seeks to establish and maintain an environment enabling academic community to take intellectual and creative risks and to embrace changes that will lead to the technological innovations and development in future years.
- b. Encourages, recognizes and rewards high performance in learning, teaching, scholarship, research and other creative activities by promoting intellectual curiosity and protecting the basic principles of academic freedom.
- c. Provides an environment that imbibes respect for nature and environment, culture and human values.
- d. Aspires to build an environment of tolerance and reasoned debate without any gender, caste, religious, regional or cross country bias by affirming the worth and personal dignity of every constituent member of the Institute and by contributing to a campus climate of civility.



INSTITUTE AT A GLANCE

No. of Students	1305 (1039UG +168 Master + 98 PhD)			
No. of Faculty	45 + 5 Research Engineers			
No. of Officers	8			
No. of Support Staff	44			
Academic Programmes	1.B.Tech Computer Science and Engineering 2.B.Tech Electronics and Communication Engineering 3.B.Tech Mechanical Engineering 4.B.Design 5.M.Tech Computer Science and Engineering 6.M.Tech Electronics and Communication Engineering 7.M.Tech Mechanical Engineering 8.M.Tech Mechatronics Engineering 9.M.Des-Design 10.Ph.D- Computer Science and Engineering 11.Ph.D- Electronics and Communication Engineering 12.Ph.D- Mechanical Engineering 13.Ph.D- Design 14.Ph.D-NS(Mathematics) 15.Ph.D-NS(Physics)			
Convocation 2014	Degrees awarded			
	UG	Master's	PhD	Total
	236	59	05	300
Campus	1000000 Sqm			
Constructed buildings (Plinth Area)	69966 Sqm			
Building under construction (Plinth Area)	56812 Sqm			
	Major Completed Buildings	3 Hostels (capacity 1400) 1 Visitors Hostel – (36 double bed rooms) 1 Mess and Dining Hall 1 Lecture Hall and Tutorial Complex (7 Halls and 16 class rooms) 1 Core Lab Complex + Workshop Annexe 1 Narmada Residency –II (55 2BHK flats)		
	Students Activity Centres	1 Basket Ball Court Complex 1 Tennis Court 1 Volley Ball Ground 1 Common Play Field + 400 mtrs track. 1 Students Activity Centre Under construction		
Income (2015-16) Rs. In Lakh	Grant-in-Aid	Unspent balance of FY 2014-15		
	3649.6	235.53		
Expenditure (2015-16) Rs. In Lakh	Capital (Head 35)	General (Head 31)	Salary (Head 36)	TOTAL
	1662.54	1625.68	856.03	4144.25



GOVERNANCE

Administration and Governance: The Institute is governed under the IIIT Act 2014. Under the said Act the following are the Administrative Authorities of the Institute:

- Board of Governors (BOG)
- Finance Committee (FC)
- Senate
- Building & Works Committee (BWC)

Board of Governors

Name of Member	Designation
Dr Kota Harinarayana	Chairperson (Ex-officio)
Dr Sankar Kumar Pal Distinguished Scientist and Former Director, Indian Statistical Institute, Kolkata	Member
Prof Sudhir Kumar Jain Director, IIT Gandhinagar	Member
Shri D M Gupta, IOFS (Retd.) Former DGOF & Chairman, Ordnance Factory Board	Member (Up to 11-02-2016)
Prof Harish Karnick Professor, IIT-Kanpur	Member
Shri Ajay Kumar (IAS) Joint Secretary, Dept. of Electronics & Information Technology Govt. of India	Member
Shri Ashish Kumar Chauhan MD, BSE, Mumbai	Member (Upto 01-05-2015)



Shri Sanjeev Sharma Director (NITs), GOI	Member (Ex-Officio)
Shri Hari Ranjan Rao (IAS) Secretary, Dept of IT Govt. of MP	Member (Ex-Officio) (Up to 06-12-2015)
Shri Manish Rastogi (IAS) Secretary, Dept. of IT, Govt. of MP	Member (Ex-officio) (07-12-2015 onwards)
Prof S G Deshmukh Director (I/C) PDPM-IIITD&M, Jabalpur	Member (Ex-officio) (Upto 13-12-2015)
Prof Pramod Kumar Jain Director PDPM-IIITDM Jabalpur	Member (Ex-officio) (14-12-2015 onwards)
Prof Janat Shah Director IIM Udaipur	Member
Prof Puneet Tandon PDPM-IIITD&M Jabalpur	Member (Upto 10-05-2015)
Prof P N Kondekar PDPM-IIITD&M Jabalpur	Member (11-05-2015 onwards)
Prof Tanuja Sheorey PDPM-IIITD&M Jabalpur	Member (Upto 10-05-2015)
Prof Vijay Kumar Gupta PDPM-IIITDM Jabalpur	Member (11-05-2015 onwards)
Shri R P Dwivedi Registrar PDPM IIITDM Jabalpur	Secretary (Ex-officio)

Three meetings of the BOG were held during the year 2015-16.



Finance Committee

Name of Member	Designation
Dr Kota Harinarayana	Chairperson (Ex-officio)
Prof S G Deshmukh PDPM IIITDM Jabalpur	Member (Ex-officio) Director (I/C) (Upto 13-12-2015)
Prof Pramod Kumar Jain PDPM IIITDM Jabalpur	Member (Ex-officio) Director (14-12-2015 onwards)
Ms Tripti Gurha Director (IIITs), MHRD	Member (Ex-officio)
Shri Rajesh Singh Director (IFD), MHRD	Member (Ex-officio)
Shri D M Gupta, IOFS (Retd.) Former DGOF & Chairman, Ordnance Factory Board	Member
Shri Munish Malik Finance Officer IIT Kanpur	Member
Shri Naresh Joshi Assistant Registrar (F&A) PDPM-IIITDM Jabalpur	Secretary (Ex-officio)

Two meetings of Finance Committee were held during 2015-16.

Building and Works Committee

Name of Member	Designation
Prof S G Deshmukh Director (I/C) PDPM-IIITDM Jabalpur	Chairperson (Ex-officio) (Upto 13-12-2015)



Prof Pramod Kumar Jain Director PDPM-IIITDM Jabalpur	Chairperson (Ex-officio) (14-12-2015 onwards)
Shri N Varma SE (Civil) IIT Indore	Member
Prof Puneet Tandon Dean (P&D), PDPM IIITDM Jabalpur	Member
Shri Ajay Singh Chief Engineer, DRDO, New Delhi	Member
Shri Anil Kumar Pandey S E (Electrical), MPPKVVCL, Jabalpur	Member
Shri R P Dwivedi Registrar and O i/c Estate PDPM-IIITDM Jabalpur	Secretary (Ex-officio)

One meeting of Building & Works Committee was held during 2015-16.

SENATE

Name of Member	Designation
Prof S G Deshmukh Director (I/C) PDPM-IIITDM Jabalpur	Chairperson (Ex-officio) (18-02-2015 to 13-12-2015)
Prof Pramod Kumar Jain Director PDPM-IIITDM Jabalpur	Chairperson (Ex-officio) (14-12-2015 onwards)
Prof Puneet Tandon Dean (RSPC) PDPM-IIITDM Jabalpur	Member (Ex-officio)
Prof P N Kondekar Dean (P&D) PDPM-IIITDM Jabalpur	Member (Ex-officio)



Dr Prashant K Jain Dean (Students) PDPM-IIITDM Jabalpur	Member (Ex-officio)
Dr Prabin Kumar Padhy Dean (Academic) PDPM-IIITDM Jabalpur	Member (Ex-officio)
Prof Vijay Kumar Gupta Head, ME Discipline PDPM-IIITDM Jabalpur	Member (Ex-officio)
Dr Dinesh Kumar Vishwakarma Head, ECE Discipline PDPM-IIITDM Jabalpur	Member (Ex-officio)
Dr Prabir Mukhopadhyay Head, Design Discipline PDPM-IIITDM Jabalpur	Member (Ex-officio)
Dr Atul Gupta Head, CSE Discipline PDPM-IIITDM Jabalpur	Member (Ex-officio)
Dr M K Roy Head, NS Discipline PDPM-IIITDM Jabalpur	Member (Ex-officio)
Prof Aparajita Ojha PDPM-IIITDM Jabalpur	Member
Prof Tanuja Sheorey PDPM-IIITDM Jabalpur	Member
Prof V M Gadre IIT Bombay	Member
Prof PVM Rao IIT Delhi	Member
Dr Amitabha Mukherjee IIT Kanpur	Member
Dr Debanik Roy BARC, Mumbai	Member
Dr S C Bose (CEERI), Pilani, Rajasthan	Member
Shri Ram Phal Dwivedi Registrar, PDPM-IIITDM Jabalpur	Secretary (Ex-officio)

During the Academic Year 2015-16 three meetings of the Senate were held.



Following are the Standing Committees of the Senate

Library Committee of Senate (LCS)

Dr Anil Kumar	-	Convener
Dr Prabir Mukhopadhyay	-	(Member, Design)
Dr Rajesh Kumar Pandey	-	(Member, Mathematics)
Dr Mamta Anand	-	(Member, HSS)
Dr Sujoy Mukherjee	-	(Member, ME)
Dr Manoj Singh Parihar	-	(Member, ECE)
Dr Anurag Singh	-	(Member, CSE)
Dr Neeraj Kumar Jaiswal	-	(Member, Physics)

Under Graduate Committee of the Senate (UGCS)

Dr Pavan Kumar Kankar	-	Convener
Dr Prabin Kumar Padhy	-	Member
Dr Goutam Dutta	-	Member
Dr Sraban K Mohanty	-	Member
Dr Amresh C. Mishra	-	Member

Post Graduate Committee of the Senate (PGCS)

Dr Dinesh Kumar Vishwakarma	-	Convener
Dr Prabir Mukhopadhyay	-	(Member, Design)
Dr Mukesh Kumar Roy	-	(Member, Natural Sciences)
Dr M. Amarnath	-	(Member, ME)
Dr Anil Kumar	-	(Member, ECE)
Dr Anurag Singh	-	(Member, CSE)

Students Prize Award Committee of Senate (SPACS)

Dr Atul Gupta	-	Convener
Dr Sunil Agrawal	-	Member
Dr Prabir Mukhopadhyay	-	Member
Dr Pavan Kumar Kankar	-	Member
Dr Sujoy Mukherjee	-	Member

Students Advisory Committee of the Senate (SACS) w.e.f. 01-04-2015 to 08-02-2016

Prof Tanuja Sheorey	-	Convener
Prof P N Kondekar	-	Head, Counselling Service
Dr Sraban Kumar Mohanty	-	Member (Hostel Warden)



Dr Nihar Ranjan Jena	-	Member (Hostel Warden)
Dr Amresh Chandra Mishra	-	Faculty Member
Mr Abhishek Mishra	-	Student Coordinator (Counseling Service)
Mr Vikas Kumar Malviya	-	Member (PG Student)
Mr Anurag Prakash	-	Member (UG Student Senate)

Students Advisory Committee of the Senate (SACS) w.e.f. 09-02-2016 to 31-03-2016

Prof Tanuja Sheorey	-	Convener (Ex-officio)
Dean Students		
Prof P. N. Kondekar	-	Member (Ex-officio)
Head, Counselling Services		
Dr Subir Singh Lamba	-	Member (Nominee of NS Discipline)
Dr Goutam Dutta	-	Member (Nominee of ME Discipline)
Dr Sraban K. Mohanty	-	Member (Nominee of CSE Discipline and Warden, Hall of Residence – IV)
Dr Sachin K. Jain	-	Member (Nominee of ECE Discipline and Associate Warden, Hall of Residence – IV)
Dr Sangeeta Pandit	-	Member (Nominee of Design Discipline and Associate Warden, Hall of Residence – I)
Mr Santosh Kumar Rai	-	Member (Ex-Officio)
PG Student, Students Senate)		
Mr Ashish Jain	-	Member (Ex-Officio)
UG Student, Students Senate		
Mr Anurag Prakash	-	Member (Ex-Officio)



ACADEMICS/ADMINISTRATION

FACULTY

The main strength of an academic institution is its faculty who shape the young minds to be great achievers and help them in their quest to be the best. The Institute has a strong faculty base, who are PhDs from reputed institutes in India and abroad. Apart from the regular faculty and Research Engineers (REs) the Institute is also visited by guest faculty from India and abroad to impart education in the contemporary and new emerging fields of technology and science which impacts the day to day lives of the common citizen. The list of the faculty is given below:

Name and Designation

Professional Details

Areas of interest & Specialization

PROFESSORS



Prof Pramod Kumar Jain
Director

PhD from University of Roorkee

CAD/CAM, CAPP;
Concurrent Engineering:
Design for Manufacture,
Design for Assembly,
Tolerance Design
Manufacturing Systems,
Modelling and Simulation,
FMS, CMS, RMS, Agent Based
Systems, Scheduling
Operations Management,
Capacity Planning, Loading
and Scheduling, Resource
Planning
Machining Science,
Conventional and
Unconventional both (EDM,
WEDM, ECM, ECH etc.)
Surface Engineering, Coatings



Prof Aparajita Ojha

PhD from RDVV Jabalpur

CAGD, Finite Elements,
Spline Theory, Approximation
Theory, Wavelet Analysis



Prof Puneet Tandon

PhD from IIT Kanpur

Computer Aided Design,
computer Aided
manufacturing, Rapid
Prototyping & Tooling
Technologies, Reverse
Engineering, Product
Innovation, Design and
Development



Prof Tanuja Sheorey

PhD from IIT Kanpur

CFD, Algorithm
Development, Parallel
Computation.



Prof Vijay Kumar Gupta

PhD from IIT Bombay

Mechanical Engineering
(Design)



Prof P N Kondekar

PhD from IIT Bombay

Microelectronics, VLSI-CMOS
level design, Nano electronics
devices and Semiconductor
power devices, technology
for Education



Dr Vineeta Kaur Saluja
Visiting Professor

PhD from RDVV Jabalpur

English Language and
Literature



Mr Akio Haga
Visiting Professor
(Upto 01.02.2016)

Masters degree

Japanese Language



ASSOCIATE PROFESSORS



Dr Pritee Khanna

PhD from Kurukshetra
University

Computer Graphics, DBMS,
Data Structures, Algorithms,
Computer Enabled Product
Design



Dr Atul Gupta

PhD from IIT Kanpur

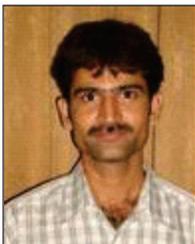
Software Engineering.
Object oriented system,
Empirical Software,
Engineering, Software
Testing.



Dr Prabin Kumar Padhy

PhD from IIT Guwahati

Control Systems



Dr Ravi Babu Mulaveesala PhD from IIT Delhi

Material Analysis by Thermal
Wave Imaging; Optical
Techniques for Non-
destructive Measurements;
Ultrasonic Imaging;
Radiography; Instrumentation
for Non-destructive
Measurements



Dr Sunil Agarwal

PhD from IIT Kanpur

Industrial Engineering ,
Production and operations
Management, Probability and
Statistic, Time series Analysis
and Quality control



Dr Prashant Kumar Jain PhD from IIT Delhi

Rapid Prototyping & Tooling,
CNC machining, Geometric
Modeling, CAD/CAM
Integration, Computational
geometry, Nano Technologies
in Manufacturing



Dr Goutam Dutta

PhD from IIT Bombay

Thermal and Fluid
Engineering (Mechanical)



Dr Dinesh Kr
Vishwakarma

PhD from IISc Bangalore

Electromagnetics, Antennas,
Microwave, Applied Photonics,
Photonic crystals and Optical
Communication



Dr Prabir Mukhopadhyay

PhD from University of
Limerick, Ireland

Ergonomics



Dr Jawar Singh

PhD from University of
Bristol, UK

VLSI, Low power system
design, Biomedical System
Design, Instrumentations



Dr Asish Kumar Kundu

PhD from JNCASR Deemed
University

Solid State Physics



PROFESSORS



Dr Subir Singh
Lamba

PhD from IIT Kanpur

Parallel Computing, Spectral
Method and CFD



Dr Mukesh Kumar Roy

PhD from IIT Kanpur

Nuclear Physics Technique,
Material Science



Dr Bhupendra
Gupta

PhD from IIT Kanpur

Probability Theory



Dr H Chelladurai

PhD from IIT Kanpur

Design & Manufacturing



Dr M Amarnath

PhD from IIT Madras

Condition based maintenance,
Tribology



Dr Lokendra Kumar
Balyan

PhD from IIT Kanpur

Spectral Methods, High
Performance Computing,
Computational Linear Algebra



Dr Anil Kumar

PhD from IIT Roorkee

Digital Signal Processing (DSP), Multirate signal processing (MSP)



Dr Sraban Kumar Mohanty

PhD from IIT Guwahati

Algorithms, Matrix Computations, Out-Of-Core/External Memory Algorithms, Cryptography



Dr Mamta Anand

PhD from Banasthali University

Cultural Studies, Transcendentalism and Spiritualism in American and Indian writing in English



Dr Pavan Kumar Kankar

PhD from IIT Roorkee

Machine Design, Vibration



Dr Nihar Ranjan Jena

PhD from Banaras Hindu University

DNA Dynamics, DNA-Protein Interaction, Enzyme Catalysis, Protein-Inhibitor Binding
Theoretical Chemical Physics



Dr Vinay Kumar Singh
(Upto 12.07.2015)

PhD from IIT Kanpur

Microelectronics and Semiconductor Devices



Dr Sujoy Mukherjee

PhD from IISc Bangalore

Structural Dynamics, Smart
Materials and Structures,
Aeroelasticity



Dr Amresh Chandra
Mishra

PhD from IIT Kharagpur

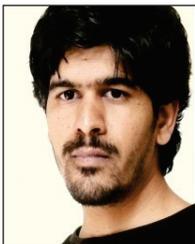
Particle Physics , Solid State
Technology , Experimental
Condensed Matter Physics



Dr Manoj Kumar Parihar

PhD from IIT Delhi

RF and Microwave Engineering



Dr Jayesh S Pillai
(Upto 18.12.2015)

PhD from Arts et Metiers Paris
Tech, Angers, France

Visual Communication,
Graphic Design, Cinema, New
Media, Virtual Reality



Dr Sachin Kumar Jain

PhD from IIT Kanpur

Power Electronics, Electric
Drives, Power Systems



Dr Vinod Kumar Jain

PhD from ABV-IIITM Gwalior

Computer Networks, Wireless
Networks, Machine Learning



Dr Matadeen Bansal

PhD from ABV-IIITM Gwalior

Wireless Communications &
Networking



Dr Nihar Kumar Mahato
Assistant Professor

PhD from IIT Kharagpur

Applied Functional Analysis
and optimization



Dr Manoj Kumar Panda

PhD from IIT Kanpur

Fluid Dynamics,
Numerical Analysis



Dr Neeraj Kumar Jaiswal

PhD from ABV-IIITM Gwalior

Applied Physics



Dr Varun Bajaj

PhD From IIT Indore

Biomedical Signal Processing ,
Microelectronics and VLSI
design



Dr Manish Kumar Bajpai PhD from IIT Kanpur

Parallel Algorithms,
Image Reconstruction



Dr Mohd Zahid Ansari PhD from Inha University, Korea

Mechanical Engineering,
Design, Solid Mechanics,
Manufacturing



Dr Sangeeta Pandit PhD from IIT Guwahati

Ergonomics and work
Physiology



Dr Ruchir Gupta PhD from IIT Kanpur

Computer Networks



Dr Ayan Seal PhD from Jadavpur University

Thermal Face Recognition for
Biometric Security System



Dr Biswajeet Mukherjee PhD from IIT Bombay

Microwave and
Antenna Engineering



Dr Dheeraj Sharma

PhD from IIT Indore

Microelectronics and
VLSI Design

VISITING FACULTY



Dr K K Balakrishnan
Visiting Faculty
(Upto 04.12.2015)

PhD from IIT Guwahati

Industrial Design, Product
Design



Mr Shekhar Chaterjee
Visiting Faculty

Pursuing PhD from Gujarat
University

Drawing &
Representation, Design
Skill, Soft Materials
Exploration, Pattern
Development, Lifestyle
accessory products.

RESEARCH ENGINEERS



Mr Awadhesh Kumar
Singh
Research Engineer

ME From Asian Institute of
Technology, Thailand

Mechatronics



Mr K K Soundra Pandian
Research Engineer

Pursuing PhD from IIT Patna

Electronics & Communication



Mr D S Ramteke
Research Engineer

M Tech from IIT Guwahati.
Pursuing PhD from IIT Indore

Machine Design



Mr Saket Saurav
Research Engineer

BE from RGPV Bhopal, Pursuing
Ph.D from IIIT Hyderabad

Robotics, Embedded,
C/C++ and VB/VB Net
Programming,
Nanosatellite and
System Engineering



Mohd Sharique Husain
Research Engineer

BE from RGPV Bhopal

DBMS



GROUP 'A' OFFICERS

OFFICE ADMINISTRATION



Shri R P Dwivedi
MCA, MPM, LLB

Registrar
Secretary (BOG)
First Appellate Authority (RTI)



Ms Swapnali D. Gadekar
MBA

Deputy Registrar
Academics
Students Affairs



Shri Vijay Kumar Dubey
Civil Engineering, MBA

Executive Engineer (Civil)



Shri Prabodh Pandey
Msc, MPM

Deputy Registrar
(On lien since 13.12.2015)



Shri Naresh Joshi
Msc

Assistant Registrar
Finance and Accounts
General Administration



Shri Rizwan Ahmed
Msc

Assistant Registrar
Establishment
Purchase & Stores
Public Information Officer



Shri Santosh Mahobia
MBA

Assistant Registrar
Directorate
Faculty Affairs
Internal Audit
Official Language Officer



Ms. Menika Patel
M Lib

Assistant Librarian



STAFF

GROUP 'B'

Sl.No.	Name	Designation
1.	Shri R. K. Mishra	JE(Civil)
2.	Shri Sunil Jat	JE (Civil)
3.	Shri Ashok Kumar	Jr. Superintendent
4.	Shri Aloysius Beenu Michael	Sr. Stenographer
5.	Ku. Megha Kushwah	Sr. Information Library Assistant

GROUP 'C'

Sl. No.	Name	Designation
1.	Shri Sandeep Awasthi	UDC
2.	Shri Anil Kumar	UDC
3.	Shri Shailesh Sharma	UDC
4.	Shri Praveen Armo	UDC
5.	Shri Dev Krishna Jha	Dy. Account Assistant
6.	Smt. Sapna Tayade	Library Assistant
7.	Shri Kamlesh S. Warkade	Care Taker
8.	Shri Jitendra Bahadur Singh	Security Assistant
9.	Shri Akhilesh Shrivastava	TA
10.	Shri Alok Kulkarni	TA
11.	Smt. Bharti Kewat	TA
12.	Shri Rajesh Kumar Singh	TA (Upto 19.05.2015)
13.	Shri Piyush Kumar Usrethe	TA
14.	Shri Anup Bajpai	TA
15.	Shri Ghanshyam Meshram	TA
16.	Shri Mayur S. Mungole	TA
17.	Shri Anupam Shukla	TA



18.	Shri Varun Dubey	LA
19.	Shri Jagat Singh	LA
20.	Smt. Aayesha B. Mansoori	LA
21.	Shri Ram Dularey Vishwakarma	LA
22.	Shri Robinson George Markam	LA
23.	Shri Anup Kumar Gupta	LA
24.	Shri Tabish Khan	LA
25.	Shri Manoj Tigga	LA
26.	Shri Simanta Kar Gupta	LDC
27.	Shri Pankaj Prajapati	LDC
28.	Shri Avashesh Kumar Pal	LDC (upto 21.04.2015)
29.	Shri Prashant Agnihotri	LDC
30.	Shri Rajesh Kumar	LDC
31.	Shri Adesh Kumar	LDC
32.	Shri Kanhaiya Lal Barmaiya	LDC
33.	Shri Rajesh	LDC
34.	Shri Abhishek Bawane	LDC
35.	Shri Richard Saberio	LDC
36.	Shri Rahul Kumar Deshmukh	LDC
37.	Shri Aishwarya Pradhan	LDC
38.	Shri Nishant Karda	LDC
39.	Mohd. Izrael Khan	Driver
40.	Shri Ganesh Prasad Kashyap	Driver
41.	Shri Milind P. Bobade	Electrician



APPOINTMENTS/RETIREMENTS/RESIGNATIONS

Members who joined the IIITDMJ family during April 1, 2015 - March 31, 2016

Sl. No.	Name	Designation	Date of Joining
1.	Prof. Pramod Kumar Jain	Director	14.12.2015
2.	Dr. Biswajeet Mukherjee	Assistant Professor	19.05.2015
3.	Dr. Dheeraj Sharma	Assistant Professor	18.06.2015
4.	Dr. Sujoy Mukherjee	Assistant Professor	02.07.2015
5.	Dr. Manoj Singh Parihar	Assistant Professor	02.07.2015
6.	Dr. Matadeen Bansal	Assistant Professor	02.07.2015
7.	Mr. Abhishek Bawane	LDC	28.05.2015
8.	Mr. Richard Saberio	LDC	28.05.2015
9.	Mr. Rahul Kumar Deshmukh	LDC	01.06.2015
10.	Ms. Aishwarya Pradhan	LDC	01.06.2015
11.	Mr. Nishant Karda	LDC	18.06.2015

Members who resigned from the IIITDMJ services during April 1, 2015 - March 31, 2016

Sl. No.	Name	Designation	Date of Resignation
1.	Dr. K.K. Balakrishnan	Assistant Professor	04.12.2015
2.	Dr. Jayesh Pillai	Assistant Professor	18.12.2015
3.	Mr. Akio Haga	Visiting Professor	01.02.2016
4.	Mr. Rajesh Kumar Singh	Technical Assistant	19.05.2015
5.	Mr. Avashesh Kumar Pal	LDC	21.04.2015



ACADEMIC AND RESEARCH ACTIVITIES

PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur was established by the MHRD, Govt. of India in the year 2005 with the primary objective of promoting quality education and training in IT enabled Design and Manufacturing. With a unique curriculum having emphasis on hands-on training and project based learning, the Institute stands out as a Centre of Higher Learning with a difference. Working across disciplines is the core component of our approach to education, research and development. The Institute has been recently identified as an Institute of National Importance under IIIT Act.

Since its inception, PDPM IIITDM Jabalpur has been playing a vital role in producing quality human resource for inclusive and sustainable growth of Indian manufacturing industry. The Institute aims to set the standards in manufacturing education and research and produce competent and skilled manpower truly adept in information technology, design and manufacturing. Through industrial collaboration the Institute strives to foster the growth of Indian manufacturing sector by bringing up the next generation technologies, products and innovative manufacturing practices.

In essence PDPM IIITDM Jabalpur strengthens and enhances academic activities with the following aims and objectives-

Aims

- a) To propel R&D activities in Design and Manufacturing that become catalyst for devising innovative solutions to societal challenges.
- b) To increase cooperation between IIITDMJ and other academic institutions of higher learning in identified areas of mutual interests in the broad field of Design and Manufacturing.
- c) To create commercial opportunities and build sustainable partnership with Indian industry.

Objectives

- a) To intensify translational research on healthcare, security and consumer products for Indian and Asian markets.
- b) To focus on technologies for improving and diversifying the agricultural productivity of the country.
- c) To promote R&D activities on green energy systems and devices.
- d) To facilitate interdisciplinary design-focused education, mind to market research and entrepreneurial activities.



- e) To act as a hub for a meaningful collaboration and networking between academic partner institutions, design professionals and industry in a hub and spoke model.

Academic Programmes

Undergraduate programmes - The Institute has a unique undergraduate curriculum for imparting education in the following three disciplines of Engineering and Design :-

- Computer Science and Engineering
- Electronics and Communication Engineering
- Mechanical Engineering
- Design

Postgraduate programmes- The Institute runs M. Tech. and Ph.D. programmes in the following disciplines-

- Computer Science and Engineering (CSE)
- Electronics and Communication Engineering (ECE)
- Mechanical Engineering (ME)

In addition, the Institute also offers M. Tech. in Mechatronics, Master of Design and Ph.D. Programme in Design, and n Natural Sciences (Mathematics and Physics).



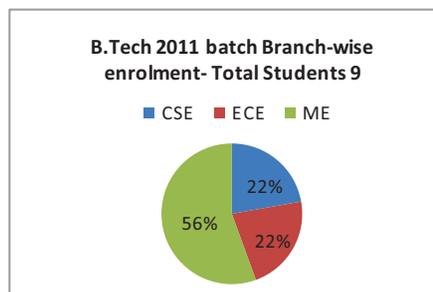
ACADEMIC AND STUDENTS ENROLMENT

Undergraduate Programmes

(I) B.Tech Programme - Students Enrolment

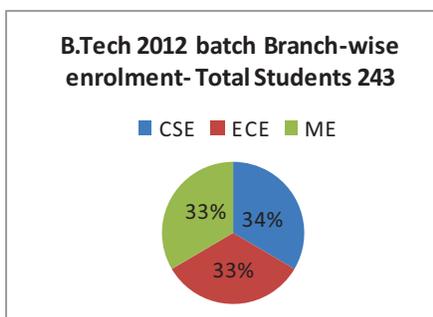
2011 Batch

Branch	OP	OBC	SC	ST	Total
CSE	0	0	0	2	2
ECE	0	1	1	0	2
ME	0	1	2	2	5
Total					9



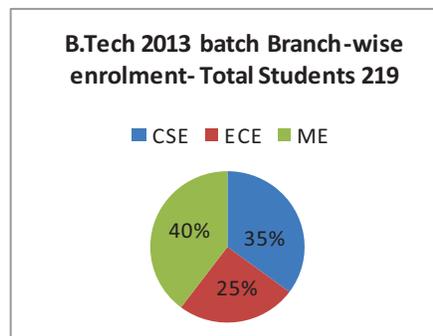
2012 Batch

Branch	OP	OBC	SC	ST	Total
CSE	45	23	12	4	84
ECE	35	25	12	8	80
ME	38	23	13	5	79
Total					243



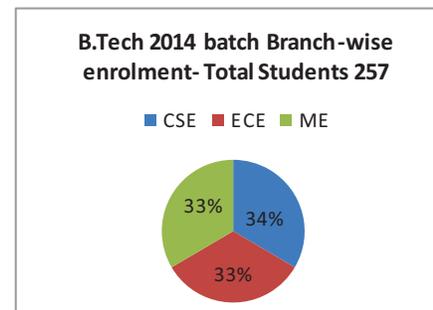
2013 Batch

Branch	OP	OBC	SC	ST	Total
CSE	40	26	7	4	77
ECE	25	13	11	6	55
ME	41	27	12	7	87
Total					219



2014 Batch

Branch	OP	OBC	SC	ST	Total
CSE	41	26	11	8	86
ECE	44	24	11	6	85
ME	44	23	13	6	86
Total					257



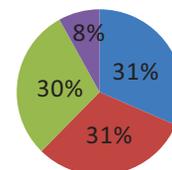


2015 Batch

Branch	OP	OBC	SC	ST	Total
CSE	47	28	15	8	98
ECE	45	29	15	7	96
ME	42	27	15	8	92
B.Des	15	5	3	2	25
Total					311

B.Tech 2015 batch Branch-wise enrolment- Total Students 311

■ CSE ■ ECE ■ ME ■ B.Des



(II) B.Tech Programme - Academic Performance Evaluation Committee Report

Undergraduate Semester II (2014-15)

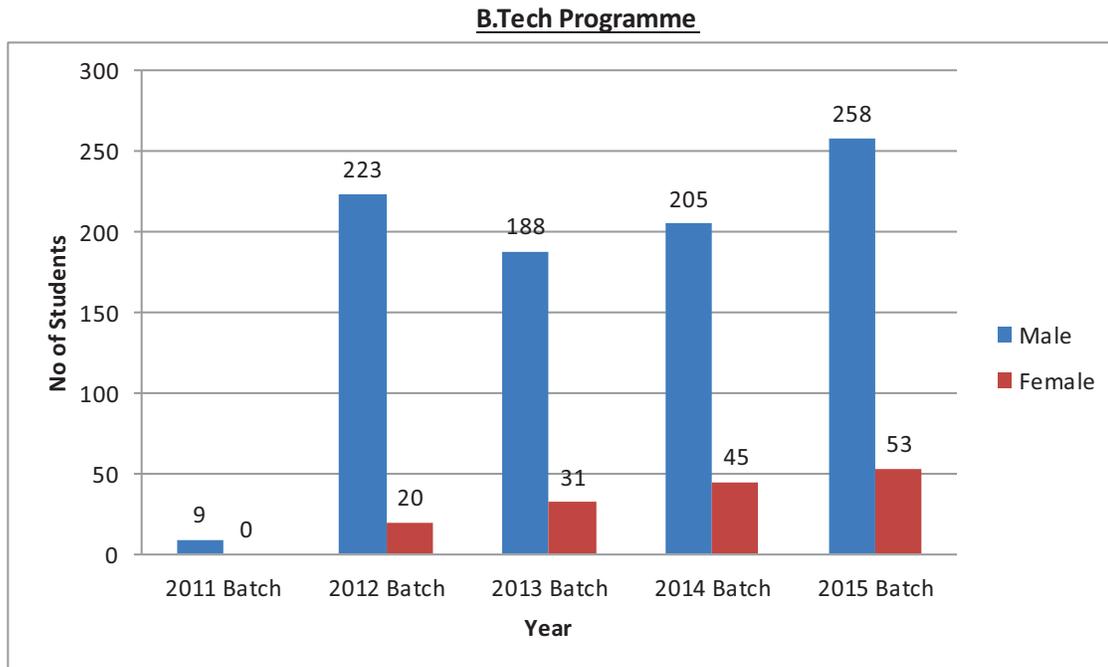
Batch	No. of Students	No. of Students Passed	No. of Students Terminated
2012	243	243	00
2013	220	220	00
2014	251	250	01

Undergraduate Semester I (2015-16)

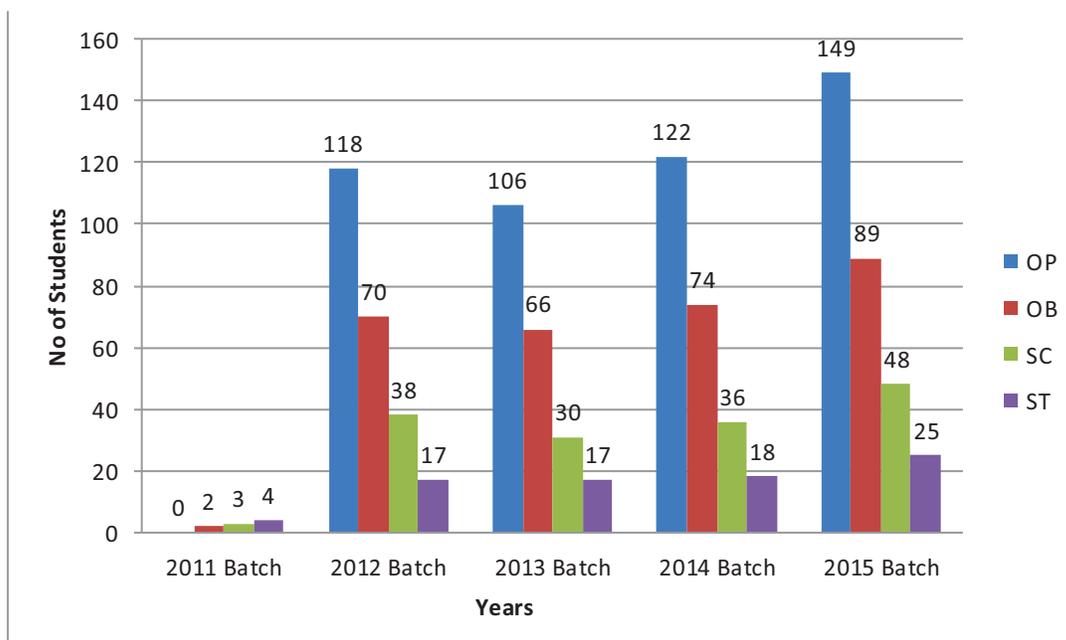
Batch	No. of Students	No. of Students Passed	No. of Students Terminated
2012	243	243	00
2013	218	218	00
2014	250	250	00
2015	286	282	04



(III) Graph Showing Status of Male and Female Students in the Under Graduate Programme.



(IV) Graph Showing Status of Category wise Students in the Under Graduate Programme.





Postgraduate Programmes

Institute offers Master's degree programme in :-

(a) M.Tech

- (i) Computer Science & Engineering (CSE)
- (ii) Electronics & Communication Engineering (ECE)
- (iii) Mechanical Engineering (ME)
- (iv) Mechatronics

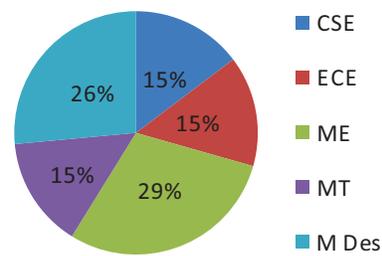
(b) Master of Design (M.Des)

(I) Students Enrolment

2014 Batch

Branch	OP	OBC	SC	ST	Total
CSE	7	2	1	0	10
ECE	7	2	0	1	10
ME	12	4	2	2	20
MT	6	2	2	0	10
M Des	9	5	2	2	18
Total	41	15	7	5	68

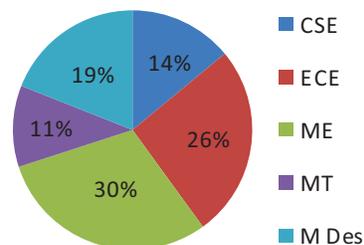
M.Tech 2014 batch Branch-wise enrolment- Total Students 68



2015 Batch

Branch	OP	OBC	SC	ST	Total
CSE	7	4	3	0	14
ECE	6	13	5	2	26
ME	10	13	6	1	30
MT	4	4	2	1	11
M Des	8	5	4	2	19
Total	35	39	20	6	100

M.Tech 2015 batch Branch-wise enrolment- Total Students 100





(II) Post Graduate – Academic Performance Evaluation Committee Report

Post Graduate Semester II (2014-15)

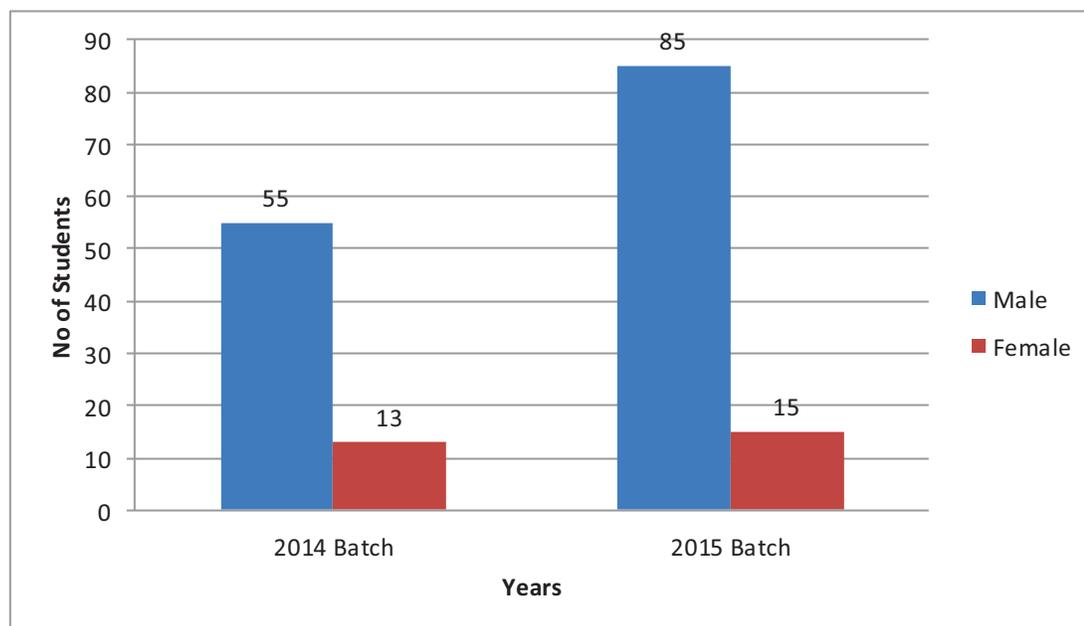
Batch	No. of Students	No. of Students Passed	No. of Students Terminated
2013	45	45	00
2014	70	68	02

Post Graduate Semester I (2015-16)

Batch	No. of Students	No. of Students Passed	No. of Students Terminated
2014	68	68	00
2015	100	89	11

(III) Graph Showing Status of Male and Female Students in the post Graduate Programme .

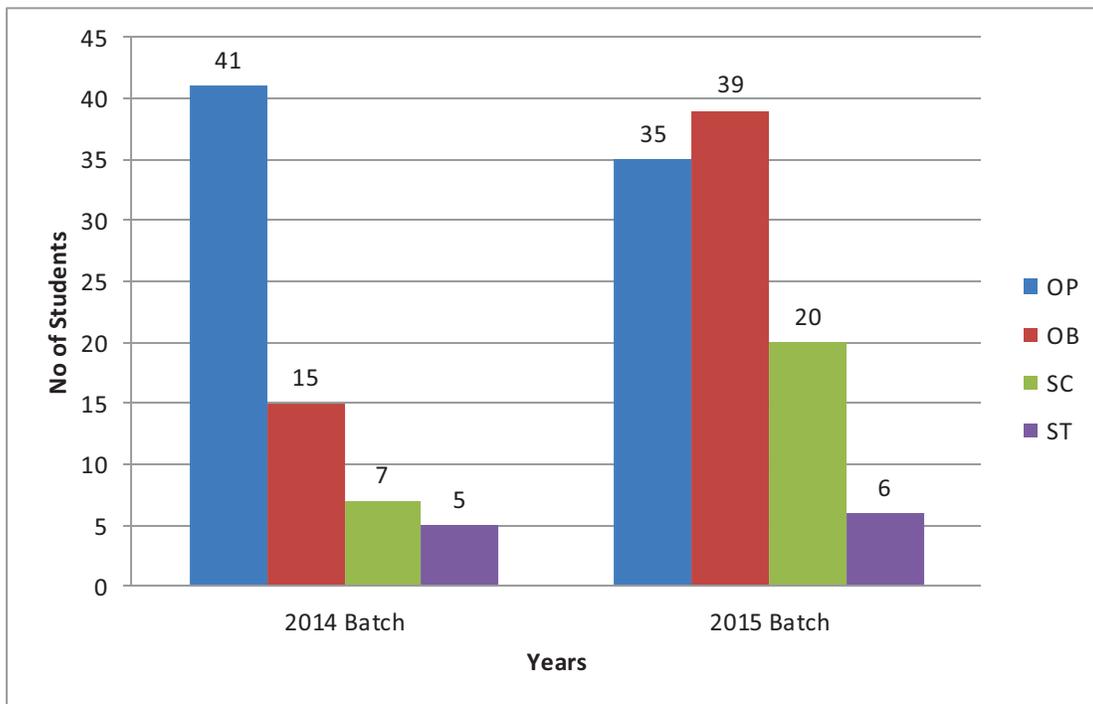
Post Graduate Programme





(IV) Graph Showing Status of Category wise Students in the Post Graduate Programme.

Post Graduate Programme





PH.D PROGRAMS

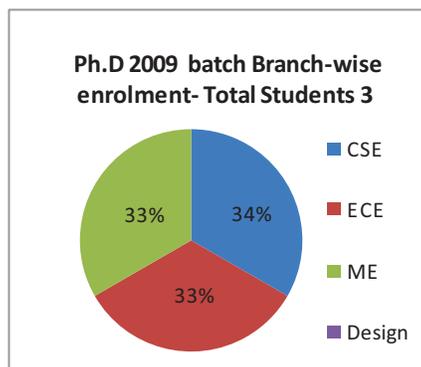
The Institute offers Ph.D in following disciplines

- (i) Computer Science & Engineering (CSE)
- (ii) Electronics & Communication Engineering (ECE)
- (iii) Mechanical Engineering (ME)
- (iv) Design
- (v) Natural Sciences (Physics and Mathematics)

(I) Students Enrolment in Ph.D

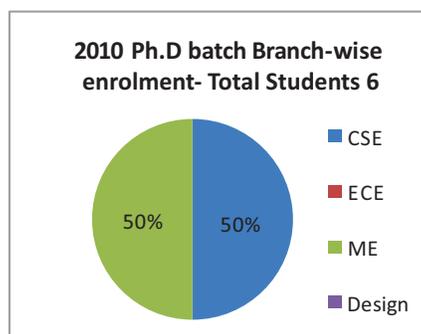
2009 Batch

Branch	OP	OBC	SC	ST	Total
CSE	1	0	0	0	1
ECE	1	0	0	0	1
ME	1	0	0	0	1
Design	0	0	0	0	0
Total	3	0	0	0	3



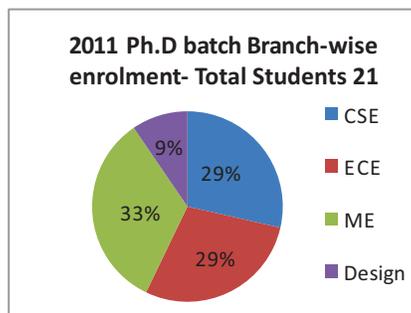
2010 Batch

Branch	OP	OBC	SC	ST	Total
CSE	3	0	0	0	3
ECE	0	0	0	0	0
ME	2	0	1	0	3
Design	0	0	0	0	0
Total	5	0	1	0	6



2011 Batch

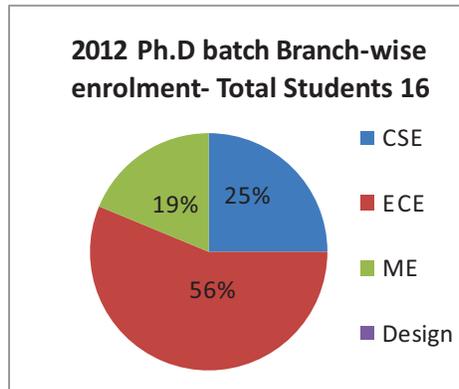
Branch	OP	OBC	SC	ST	Total
CSE	4	1	1	0	6
ECE	4	0	2	0	6
ME	3	2	2	0	7
Design	1	0	1	0	2
Total	12	3	6	0	21





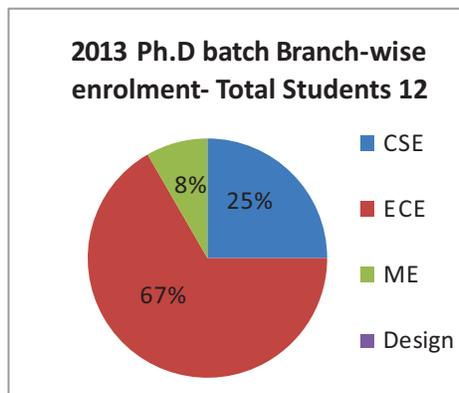
2012 Batch

Branch	OP	OBC	SC	ST	Total
CSE	3	1	0	0	4
ECE	4	2	2	1	9
ME	3	0	0	0	3
Design	0	0	0	0	0
Total	10	3	2	1	16



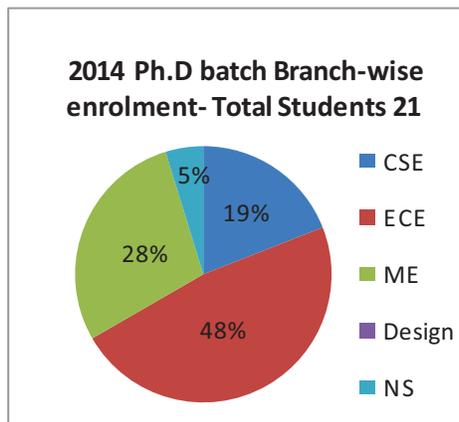
2013 Batch

Branch	OP	OBC	SC	ST	Total
CSE	2	1	0	0	3
ECE	7	0	1	0	8
ME	1	0	0	0	1
Design	0	0	0	0	0
NS	0	0	0	0	0
Total	10	1	1	0	12



2014 Batch

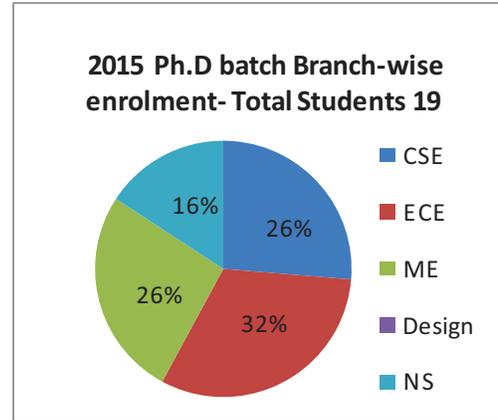
Branch	OP	OBC	SC	ST	Total
CSE	4	0	0	0	4
ECE	7	1	2	0	10
ME	3	3	0	0	6
Design	0	0	0	0	0
NS	1	0	0	0	1
Total	15	4	2	0	21



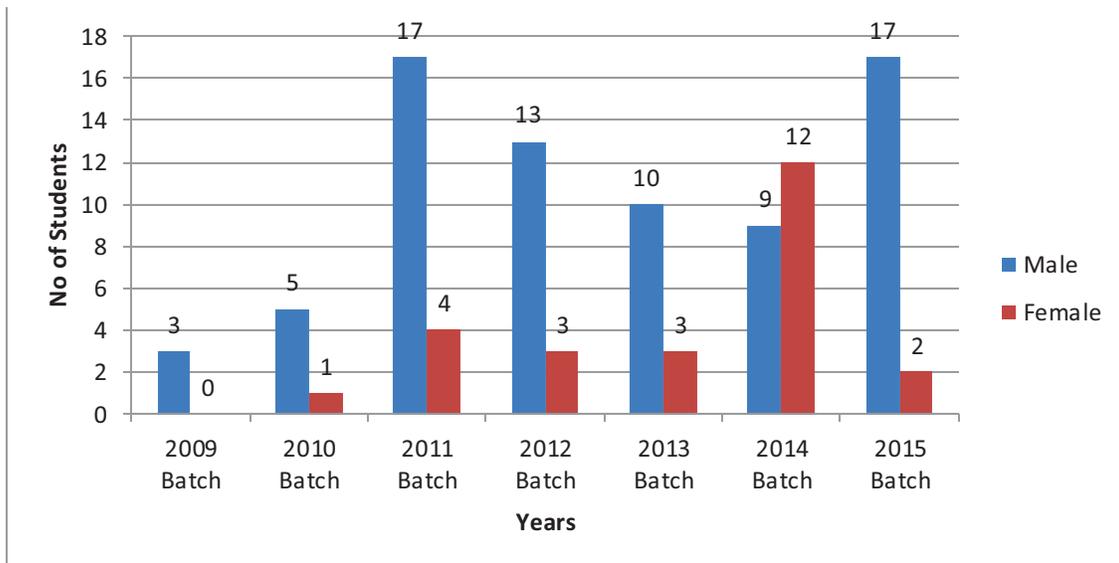


2015 Batch

Branch	OP	OBC	SC	ST	Total
CSE	4	1	0	0	5
ECE	4	1	0	1	6
ME	3	1	1	0	5
Design	0	0	0	0	0
NS	3	0	0	0	3
Total	14	3	1	1	19

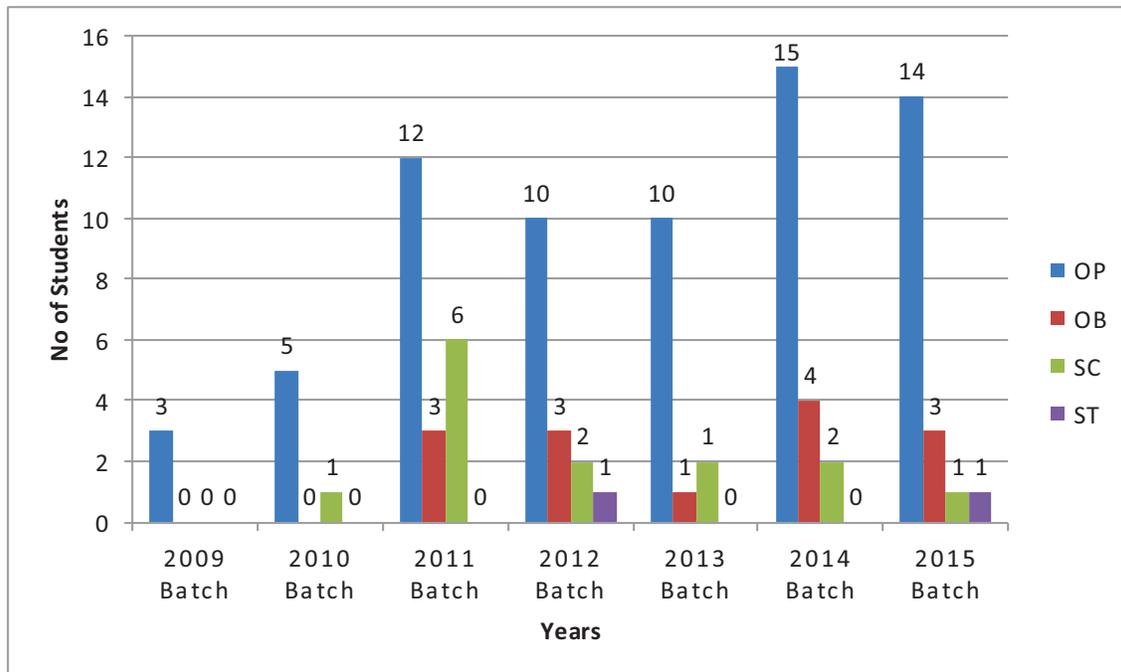


(II) Graph Showing Status of Male and Female Students in the Ph.D Programme.





(III) Graph Showing Status of Category wise Students in the Ph.D Programme.





RESEARCH PROJECTS/CONSULTANCY

Research Projects (Approved/Ongoing)

Sl. No	Project Title	Duration	Investigator	Funding Agency	Total Sanctioned Amount in. Rs.	Status
1.	Virtual Lab on Manufacturing Processes	2010-12	PI: Prof V. K. Gupta Co-PI(s): Prof. Puneet Tandon, Prof T Sheorey	MHRD, Govt. of India	40 Lakhs	Ongoing
2.	Virtual Lab on Automated System	2010-12	PI: Prof Tanuja Sheorey Co-PI(s): Prof V K Gupta, Prof Puneet Tandon	MHRD, Govt. of India	40 Lakhs	Ongoing
3.	Process Development for the Fabrication of Free Form Component Through Incremental Sheet forming	2012-15	PI: Prof Puneet Tandon, Co-PI: Dr. P.K. Jain	BRNS, Department of Atomic Energy, Government of India	78.45 Lakhs	Ongoing
4.	Time -Varying Harmonics and Interharmonics Estimation In Real Time for Online Applications	2013-16	PI: Dr Sachin Kumar Jain	Science and Engineering Research Board (SERB), New Delhi	19.75 Lakhs	Ongoing



5.	Development of Additive-Subtractive Integrated RP System for Improved Part Quality	2014-17	PI: Dr P.K. Jain Co-PI: Prof Puneet Tandon	Science and Engineering Research Board (SERB), New Delhi	19.50 Lakhs	Ongoing
6.	Electro deposition of Magnetic film in the presence of external magnetic field	2015-18	PI: Dr Amaresh Chandra Mishra	Science and Engineering Research Board (SERB)/DST, New Delhi	27.43 Lakhs	Ongoing
7.	Electronics and Spintronics properties of Halogen Functionalized Graphene Nanoribbons	2015-18	PI: Dr Neeraj Kumar Jaiswal	Science and Engineering Research Board (SERB)/DST, New Delhi	19.93Lakhs	Ongoing
8.	Design and Development of RF Energy Harvesting Circuits For Low-Power electronics Devices	2015-19	PI: Dr Jawar Singh	Science and Engineering Research Board (SERB)/DST, New Delhi	54.52 Lakhs	Ongoing
9.	Special Manpower Development Programme for Chips to System Design	2015-16	PI: Prof P.N. Kondekar Dr Jawar Singh, Dr Dheeraj Sharma	CEERI, Pilani (Dept. of Electronics and Information Technology)	16.95 Lakhs	Ongoing



10.	Fractal Based Dielectric Resonator Antennas for compact wideband and High Gain Applications	2015-18	PI : Dr B. Mukherjee	Science and Engineering Research Board (SERB)/DST, New Delhi	30.76 Lakhs	Ongoing
11.	Academic Collaboration under Design Innovation Centre	2015-18	Prof Tanuja Sheorey Dr Atul Gupta	RDVV– JBP (MHRD)	100.00 Lakhs	Ongoing

The details of Projects/other consultancy projects under taken during the Financial Year 2015-16 is given below:-

Sl. No.	Name of Consultancy work	C.I.	Funded By	Amount
1.	Designing and prototyping	Prof. P. Tandon	Gun Carriage Factory, Jabalpur	1,91,000/-
2.	Research Training Fellowship for Developing Country Scientists (RTF-DCS)	Dr. Pavan Kumar Kankar	NAM S&T Centre, New Delhi	2,70,000/-
3.	Consultancy Project (Classified) for MDI Mumbai	Dr. Prabir Mukhopadhyay	NID Ahmedabad	99,000/-
4.	Recruitment of Jabalpur Nagar Nigam for Gp 'A' and 'C' posts	Mr. R.P. Dwivedi	Nagar Nigam Jabalpur	19,22,000/-



RESEARCH PUBLICATIONS

Conference Publications [2015-16]

- 1 Shaikh, Saquib, Kumar, Narendra, Jain, P.K., and Tandon, Puneet, Hilbert Curve Based Toolpath for FDM Process, 28th International Conference on CAD/CAM, Robotics and Factories of the Future 2016 (28 CARS & FoF 2016), College of Engineering and Management, Kolaghat, WB, India, pp.751-759, 06-08 January, 2016.
- 2 Panjwani, Deepesh, Jain, P.K., Samal, M. K., Roy, J. J. Roy, D. and Tandon, Puneet, Single Point Incremental Forming Using Flexible Die, 28th International Conference on CAD/CAM, Robotics and Factories of the Future 2016 (28 CARS & FoF 2016), College of Engineering and Management, Kolaghat, WB, India, pp. 741-749, 06-08 January, 2016.
- 3 Kaur Harkeerat and Khanna Pritee, Cancelable Biometrics using Hadamard Transform and Friendly Random Projections, International Conference on Computer Vision and Image Processing, IIT Roorkee, India, 26-28 February, 2016.
- 4 Vipin Kumar, Sunil Agrawal, Supplier Selection with and without Effect of Risk Cost, International Conference on E-Business and Supply Chain Competitiveness, IIT Kharagpur, West Bengal, India, 12-14 February, 2016.
- 5 Shilendra Kumar Tripathi & Bhupendra Gupta, A New Probabilistic Digital Signature Scheme based on Integer Factorization Problem, ICISA 2016, Ho Chi Minh, Vietnam, pp. 613-621, 15-16 February, 2016.
- 6 Mayank Tiwari & Bhupendra Gupta, Brightness Preserving Contrast Enhancement of Medical Images Using Adaptive Gamma Correction and Homomorphic Filtering, IEEE-SCEECS-2016 MNIT, Bhopal, India, 04-05 March, 2016.
- 7 Mayank Tiwari & Bhupendra Gupta, A consistent approach for image denoising using spatial gradient based bilateral filter and smooth filtering, IWPR 2016, Tokyo, Japan, 11-13 March 2016.
- 8 Swati Agrawal, V.K. Gupta, P.K. Kankar, Static Analysis of Magnetic Field Affected Double Single Walled Carbon Nanotube System, 3rd International Conference on Innovations in Automation and Mechatronics Engineering 2016, ICIAME 2016 G H Patel College of Engineering & Technology, Vallabh, Vidyanagar 388120, Gujarat, India, 05-06 February 2016.
- 9 Sachin K Jain, MEMO-ESPRIT based Synchronized Harmonic Measurement for Online Applications, Int. Conf. on Emerging Trends in Elect. Electn. & Sustainable Energy Systems, KNIT Sultanpur, 11-12 March, 2016.
- 10 Savita Baraskar, S. K. Jain and P. K. Padhy, Fuzzy Logic assisted P & O based Improved MPPT for Photovoltaic Systems, Int. Conf. on Emerging Trends in Elect. Electn. & Sustainable Energy Systems,



KNIT Sultanpur, 11-12 March, 2016.

- 11 V. K. Tiwari and S. K. Jain, FPGA Implementation of Wavelet Filters for Power System Harmonics Estimation, in Proc. International Conference Emerging Trends in Electrical, Electronics and Sustainable Energy System 2016, KNIT Sultanpur, India, 11-12 March, 2016.
- 12 B. Kuldeep, A. Kumar and G. K. Singh, An Improved Method for Designing Cosine Modulated Filter Bank Using Polyphase Components, 3rd International Conference on Signal Processing and Integrated Networks (SPIN), AMITY University, Noida, 11-12 February, 2016.
- 13 S. Kale, S. Banchhor and P. N. Kondekar, Impact of underlap channel on analog/ RF performance of dopant segregated Schottky barrier MOSFET on ultra-thin body SOI, International Conference on Emerging Trends in Engineering, Technology and Science (ICETETS-2016) Thanjavur, Tamilnadu, 24-26 February, 2016.
- 14 B. R. Raad, D. Sharma and P. Kondekar, Dual work function tunnel field-effect transistor with shifted gate for ambipolar suppression and ON current improvement, International Conference on Computational Techniques in Information and Communication Technologies (ICCTICT), 1 March, 2016.
- 15 Kori B and Mukherjee S, Energy Harvesting from Vibration using IPMC, International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016), Jaipur National University, Jaipur, 17-19 March, 2016.
- 16 Sainag T L and Mukherjee S, Biomimetic Underwater Propulsor using Ionic Polymer Metal Composites, International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016), Jaipur National University, Jaipur, 17-19 March, 2016.
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- 18 Chatterjee Shekhar, A Study of Cultural and Design Elements in the Queen's Stepwell of Patan, The South Asian Studies Association, Tenth Anniversary Conference, TERI University, New Delhi, 18-20 March, 2016.
- 19 Pankaj Srivastava, Avaneesh Kumar, Neeraj K. Jaiswal and Varun Sharma, Shape dependent electronic properties of wurtzite GaN nanowire, International Conference on Condensed Matter and Applied Physics (ICC 2015), Govt. College, Bikaner, Rajasthan, 29-30 October, 2016.
- 20 Neeraj K. Jaiswal Neha Tyagi and Pankaj Srivastava, First principles study of fluorine adsorption on zigzag graphene nanoribbons, International Conference ICM Tech. 2016, Delhi University, Delhi, 01-04 March 2016.



- 21 Neha Tyagi, Neeraj K. Jaiswal and Pankaj Srivastava, Spintronic and Transport Properties of Linear Atomic Strings of Transition Metals (Fe, Co, Ni), International Conference on Condensed Matter and Applied Physics (ICC 2015), Govt. College, Bikaner, Rajasthan, 29-30 October 2016.
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- 23 A.R. Dwivedi, H. Bari, S. Nath, V. Bajaj, D. Sharma and A. Kumar, Analysis of focal and non-focal EEG signals using bivariate empirical mode decomposition, IEEE Student conference on Electrical, Electronics and Computer Science in MANIT Bhopal, 05-06 March, 2016.
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- 29 Sahu, Govind N., Saxena, Sumit, Roy, J.J., Samal, M.K., Jain, P.K. and Tandon, Puneet, Shell element formulation based Finite Element modeling, analysis and experimental validation of incremental sheet forming process, ASME International Mechanical Engineering Congress and Exposition (IMECE) 2015, Houston, Texas, 13-19 November, 2015.
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 - 32 Tanuja Sheorey and Nikhil Shrivastava, Development of Sensor Based Front End Collision Avoidance System for Highways, IEEE International Conference on Information and Automation (ICIA 2015), Liziang, China, 08-10 August, 2015.
 - 33 Saurabh J. Desai, et al., Optimization of high power led light source layout for maximizing heat dissipation, 23rd National Heat and Mass Transfer Conference and 1st International ISHMT-ASTFE Heat and Mass Transfer Conference IHMTC2015 Thiruvananthapuram, India, VSSC, 17-20 December, 2015.
 - 34 Nimish Ayachi, Piyush Kejriwal, Lalit Kane, and Pritee Khanna, Analysis of Hand Motion Trajectories for Recognition of Air-Drawn Symbols, IEEE 5th International Conference on Communication Systems and Network Technologies, Gwalior, India, pp. 505-510, 04-06 April, 2015.
 - 35 Rai Preeti and Khanna Pritee, An Efficient and Robust Gender Classification System, IEEE 7th International Conference on Computational Intelligence and Communication Networks, Jabalpur, India, 12-14 December, 2015.
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 - 37 Kashyap Kanchan Lata, Bajpai M. K., and Khanna Pritee, An Efficient Segmentation Algorithm for Breast Cancer Detection in Mammograms, 7th International Symposium on Process Tomography, The Westin Bellevue, Dresden, Germany, 01-03 September, 2015.
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- 42 V Vakharia, VK Gupta, PK Kankar, Nonlinear Dynamic Analysis of Ball Bearings Due to Varying Number of Balls and Centrifugal Force, Proceedings of the 9th IFToMM, International Conference on Rotor Dynamics Politecnico di Milano, Milan, Italy, pp. 1831-1840, 22-25 September, 2015.
- 43 Khushnandan Rai, Varun Bajaj, and A. Kumar, Novel Feature for Identification of Focal EEG Signals with K-Means and Fuzzy C-Means Algorithms, 20th IEEE International Conference on Digital Signal Processing (DSP), Nanyang Executive Center (NEC) (NTU Singapore), pp. 412-416, 21-24 June, 2015.
- 44 S. Pare, A. K. Bhandari, A. Kumar and G. K. Singh, Satellite Image Segmentation Based on Different Objective Functions using Genetic Algorithm: A Comparative Study, 20th IEEE International Conference on Digital Signal Processing (DSP), Nanyang Executive Center (NEC) (NTU Singapore), pp. 730-734, 21-24 June, 2015.
- 45 B. R. Raad, R. K. Sonkar, and P. N. Kondekar, Transformer oil age determination using long period grating workshop on recent advancement in photonics 2015, IISC Bangalore, 16-17 December, 2015.
- 46 Mukhopadhyay, P., User-study some problems in India, Paper presented at the VI Conference of the European Survey Research Association (ESRA), University of Iceland, Reykjavik, ICELAND, 13-17 July, 2015.
- 47 R. Jothi, Sraban Kumar Mohanty, and A. Ojha, On the impact of post-clustering phase in multiway spectral partitioning, International Conference on Mining Intelligence and Knowledge Exploration (MIKE 2015), IIIT Hyderabad, India, pp. 161-169, 09-11 December, 2015.
- 48 R. Jothi, Sraban Kumar Mohanty, and A. Ojha, Fast Minimum Spanning Tree Based Clustering Algorithms on Local Neighborhood Graph, 10th international workshop on Graph-Based, Representations in Pattern Recognition (GbRPR 2015), Beijing, China, pp. 292-301, 13-15 May, 2015.
- 49 R. Jothi, Sraban Kumar Mohanty, and A. Ojha, On Careful Selection of Initial Centers for K-means Algorithm, International Conference on Advanced Computing, Networking and Informatics (ICACNI 2015), KIIT University, Odisha, India, pp. 435-445, 23-25 June, 2015.
- 50 Bora, S., Ojha, A., Analysis and combination of positive aspects of threshold RG based VSS schemes, Proceedings of the 2015 Science and Information Conference, SAI 2015, London, pp. 11921200, 28-30 July 2015.



- 51 Yadav, G.S., Ojha, A., A scalable data hiding scheme using Hilbert space curve and chaos, Proceedings 14th IEEE International Conference on Trust, Security and Privacy in Computing and Communications, TrustCom2015 Helsinki, Finland, pp. 905909, 20-22 August, 2015.
- 52 Reddy, B.R., Khurana, S., Ojha, A., Software maintainability estimation made easy A comprehensive tool COIN, ICCCT '15, September 25-27, 2015, Allahabad, India, ACM International Conference Proceeding Series, pp. 6872, 2527 September 2015.
- 53 R. Upadhyay, P.K. Padhy, P.K. Kankar, Ocular Artifact Removal from EEG Signals Using Discrete Orthonormal Stockwell Transform, Annual IEEE India Conference (INDICON), Jamia Millia Islamia, New Delhi, India, 17-20 December, 2015.
- 54 V. Vakharia, V.K. Gupta, P.K. Kankar, Application of Chi Square Feature Ranking Technique and Random Forest Classifier for Fault Classification of Bearing Faults, 22nd International Conference on Sound and Vibration Conference (ICSV22), Florence, Italy, 12-16 July, 2015.
- 55 C.A. Kitio Kwuimy, M. Samadani, P.K. Kankar, C. Nataraj, Recurrence Analysis of Experimental Time Series of a Rotor Response With Bearing Outer Race Faults, ASME 2015 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference Boston, Massachusetts, USA, 02-05 August, 2015.
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- 57 S. Kumari, R. Upadhyay, P.K. Padhy, P.K. Kankar, Application of Empirical Mode Decomposition for Feature Extraction from EEG Signals, IEEE International Conference on Computer Communication and Control, Indore, India, 10-12 September, 2015.
- 58 Francis A., Gupta V. K. and Mukherjee S. , An Underwater Robot Inspired by Feather Sea Star Using Smart Actuators, 2nd International and 17th National Conference on Machines and Mechanisms (iNaCoMM2015), IIT Kanpur, 16-19 December, 2015.
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- 60 M.Z. Ansari, M. Bisen, U.N. Bera and S. Kumar, Simulation of surface stress-induced deflections in microcantilever biochemical sensor, National Conference on Emerging Trends in Mechanical Engineering (E-Time 2015), SJEC, 2015, Mangalore, India, pp. 23-26, 07-08 August, 2015.
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- Algorithm, 2015 IEEE International Conference on Signal Processing, Computing and Control (2015 ISPPC), Jaypee University of Information Technology Wagnaghat, Solan, HP, India, 24-26 September, 2015.
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- 64 N. Agrawal, A. Kumar, and V. Bajaj, Hybrid method based optimized design of digital IIR filter, 4th IEEE International Conference on Communication and Signal Processing-ICCSP 15, Melmaruvathur, India, pp. 1568-1573, 02-04 April, 2015.
- 65 Rajiv Dey, S. K. Jain and P. K. Padhy, Closed Loop Filtered MRAC for Fast Adaptation and Low frequency learning with Enhanced Time Delay Margin, in Proc. 4th Students' Conference on Engineering and Systems 2015, MNNIT Allahabad, India, 6-8 November, 2015.
- 66 Vinay Tiwari and S. K. Jain, Hardware Implementation of Discrete Wavelet Packet Transform for Harmonics Estimation, in Proc. 4th Students' Conference on Engineering and Systems 2015, MNNIT Allahabad, India, 6-8 November, 2015.
- 67 Rishika Trivedi, P. K. Padhy and S. K. Jain, Modified Firefly Algorithm based PID type Fuzzy Logic Controller, in Proc. 4th Students' Conference on Engineering and Systems 2015, MNNIT Allahabad, India, 6-8 November, 2015.

Journal Publications [2015-16]

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- 2 Tiwari, Varun, Jain, P.K. and Tandon, Puneet, Product Design Concept Evaluation using Rough Sets and VIKOR Method, Advanced Engineering Informatics (2016), Vol. 30(1), pp. 16-25.
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- 17 S. Agrawal, V. K. Gupta, P. K. Kankar, Static Analysis of Magnetic Field Affected Double Single Walled Carbon Nanotube System (2016), *Procedia Technology*, Vol. 23, pp. 84-90.
- 18 V. Vakharia, V. K. Gupta, P. K. Kankar, Bearing Fault Diagnosis using Feature Ranking Method and Fault Identification Algorithm (2016), *Procedia Engineering*, Vol. 144, pp. 343-350.
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FACULTY ACHIEVEMENTS

- Prof. Puneet Tandon, Conference Chair, 2016 International Conference on Design, Materials and Manufacturing (ICDMM 2016), Kuala Lumpur, Malaysia, March 25-27, 2016.
- Puneet Tandon, Guest Editor, Design for All, (Special Issue on: "Design from Waste"), February 2016, Vol. 11, No. 2, 2016.
- deLOGIC Lab awarded First Prize in IMTEX Forming 2016 on "Dieless Manufacturing" held during January 21-26, 2016 at Bengaluru, India (Organized by Indian Machine Tools Manufacturers' Association).
- UG students of ME Discipline Mr. Abhilash Mishra and Mr. Amit Gupta have been awarded for their excellent work and high level of contribution in metal fabrication field in 'The 28th Precision Sheet Metal Technology Fair' for their 'abstract model of Humanoid' in the mentorship of Dr. Prashant Kumar Jain (Associate Prof at PDPM IIITDM Jabalpur and Prof. Thanapandi (Adjunct Professor IIITDM Jabalpur).
- Dr Atul Gupta, Student Travel Grant Chair for 9th India Software Engineering Conference, Feb 18-20, 2016 Bits Pilani, Goa Campus, Goa, India.



CONVOCATION-2015

The 7th Convocation of PDPM IIITDM Jabalpur was held on September 4, 2015. The occasion was graced by Chief Guest Shri Baba Kalyani, Chairman and Managing Director, Bharat Forge Ltd and Dr. Kota Harinarayana, the Chairperson, Board of Governors of the Institute. Parents and guardians of the graduating students and dignitaries from Jabalpur and all over India also attended the event.

Total number of 300 degrees were awarded . Branch/Programme wise details are as follows:-

Bachelor of Technology (B.Tech)

Sl.No	Discipline	Total
1.	Computer Science & Engineering	79
2.	Electronics & Communication Engineering	80
3.	Mechanical Engineering	77
Total		236

Master of Technology (M.Tech)

Sl.No	Discipline	Total
1.	Computer Science & Engineering	14
2.	Electronics & Communication Engineering	17
3.	Mechanical Engineering	11
4.	Mechatronics Engineering	07
5.	Design	10
Total		59

Doctor of Philosophy (Ph.D)

Sl.No	Discipline	Total
1.	Computer Science & Engineering	01
2.	Electronics & Communication Engineering	03
3.	Mechanical Engineering	01
Total		05

Apart from this, following medals and prizes were also awarded for the outstanding performance of the students:



Medals / Prizes

Sl.No	Name of Medal/Prize	Name of recipient	Criterion
1.	Chairman's Gold Medal for the year 2015	T M S K Alekhya	Best Academic Performance in Graduating Class among all Disciplines of the Undergraduate Programme
2.	Director's Gold Medal	Pulkit Jha	Best All round Performance in Graduating Class among all Disciplines of the Undergraduate Programme
3.	Director's Gold Medal	Ashish Kumar Bhandari	Best All round Performance in Graduating Class among all Disciplines of the Postgraduate Programme
4.	Director's Silver Medal	Pranjal Nautiyal	Outstanding Performance in Cultural Activities in the Graduating Class among all Disciplines of the Undergraduate Programmes of study
5.	Director's Silver Medal	Abinash Panda	Outstanding Performance in Games and Sports in the Graduating Class among all Disciplines of the Undergraduate Programmes of study
6.	IIITDM Proficiency Prizes	Rishabh Gupta	Best Project in the Computer Science and Engineering discipline of the Undergraduate Programme of study
7.	IIITDM Proficiency Prizes	Pranjal Nautiyal	Best Project in the Mechanical Engineering discipline of the Undergraduate Programme of study
8.	IIITDM Proficiency Prizes	Nitesh Gaur Mohit Gupta	Best Thesis work in Electronics and Communication Engineering discipline of the Undergraduate Programme of study
9.	IIITDM Proficiency Prizes	Naveen Gupta	Best Thesis work in Computer Science and Engineering discipline of the Postgraduate Programme of study
10.	IIITDM Proficiency Prizes	Ashish Kumar Bhandari	Best Thesis work in Electronics and Communication Engineering discipline of the Postgraduate Programme of study



11.	IIITDM Proficiency Prizes	Vinay Vakharia	Best Thesis work in Mechanical Engineering discipline of the Postgraduate Programme of study
12.	Academic Performance Proficiency Silver Medal	Saumya Agrawal	Outstanding Academic Performance in the Computer Science and Engineering Discipline of the Postgraduate Programme study
13.	Academic Performance Proficiency Silver Medal	T M S K Alekhya	Outstanding Academic Performance in the Electronics & Communication Engineering Discipline of the undergraduate Programme study
14.	Academic Performance Proficiency Silver Medal	Amit Srivastava	Outstanding Academic Performance in the Mechanical Engineering Discipline of the undergraduate Programme study



ADDRESS BY PROF. S. G. DESHMUKH,
ACTING DIRECTOR

ADDRESS BY THE CHIEF GUEST SHRI
BABA KALYANI, CHAIRMAN AND MD,
BHARAT FORGE LTD.



STUDENTS AND GUESTS
ATTENDING THE CONVOCAATION

STUDENTS SHARING HAPPY
MOMENTS AFTER RECEIPT OF DEGREES





PLACEMENTS

During the year 2015-16 a number of companies visited the campus regarding placement purpose. A brief about the companies that visited, packages offered, total number of students placed is given below:

	SUMMARY	CSE	ECE	ME	TOTAL	PACKAGE (*)	INTERVIEW/WRITTEN TEST DATE
	REGISTERED STUDENTS	67	64	55	186		
1	Oracle-OFSS	9	1	2	12	6.47	18-08-2015
2	Trident	0	0	4	4	21	04-09-2015
3	Day-1 Recruiters (Infosys, IBM & Wipro)	42	61	29	132		Sept. 2015
	Infosys	22	18	18	58	3.25	17 & 18 -09-2015
4	Wisecells Learning Solution	2	0	0	2	6	PPO
5	Capillary	1	0	0	1	11.27	PPO
6	Vassar Labs	7	0	0	7	6	16-09-2015
	IBM-GBS	12	22	11	45	3.5	21 & 22-09-2015
	Wipro	8	21	0	29	3.3	27 & 28-09-2015
7	Inkriti Solutions	5	0	0	5	6	28-09-2015
	TCS (Through CODE VITA 2015)	4	0	0	4	3.25	30-09-2015
8	Mu-Sigma	0	0	2	2	21	12-10-2015
9	Tata Technologies	2	0	3	5	4	14-10-2015
10	NUNC Solutions	5	0	0	5	6	12-10-2015
11	Works Application Japan	1	0	0	1	36.6	19-10-2015
12	S&P Capital IQ	2	0	0	2	8.22	PPO
13	Persistent Systems Ltd	1	0	0	1	3.5	01-11-2015
14	Yodlee	2	0	0	2	5.7	5 & 6 Nov 2015
15	Brahmos Aerospace	0	1	1	2	13.1	20-11-2015
16	Lava International	2	3	2	7	6.6	16 & 17 Dec. 2015
17	Bharat Forge	0	0	0	0	0	Company With held Offer after successful Process
18	Overcart	2	0	0	2	5.5	12-03-2016
19	MHFC INDIA	2	0	0	2	6	18-04-2016
20	Canon India	2	0	0	2	5.4	01-03-2016/ 1 PPO
21	Cubical Laboratories	1	0	0	1	6	29-04-2016
22	Health Enabler	0	0	1	1	4.15	Process by Mettl
23	Mobisir Technologies	0	0	1	1	4	Process by Mettl
24	ORACLE RGBU	2	0	0	2	7.5	PPO
25	Alfa TKG Intigrated Solutions	0	0	2	2	5	16-05-2016
26	Arnium Technologies	1	0	0	1	5.5	PPO
27	Truebill	1	0	0	1	6	PPO
28	Honda Siel Power Products Ind. Ltd.	0	0	1	1	4.5	
29	Seagate					6.5	Ongoing
30	Innovaccer					7	No Selection
31	Letscatchup (Singapore)					24	No Selection
32	Bobble App (New Delhi)					24	No Selection
33	My Zupp (Bombay)					9	No Selection
34	GrabOn (Hyderabad)					15	No Selection



SCHOLARSHIP, FREESHIP AND FINANCIAL ASSISTANCE

(I) Financial Assistance from Institute Funds

(A) Merit-cum-Means(MCM) Scholarships for Undergraduate Students

In order to financially assist meritorious students coming from economically weaker background, the Institute may award Merit-cum-Means Scholarships to needy students of undergraduate programme from its own funds made available by the MHRD for the purpose.

(i) Details of Scholarships awarded from April 2015 to July 2015

Sl. No	B.Tech Batch	Total No of Students eligible to get MCM for F.Y 2014-15	Amount paid for 4 months @Rs.1000/- per month	Tuition Waiver not applicable as it has already paid during the year (2015-16)	Total Amount Paid
1	2011	59	4000	0	2,36,000
2	2012	62	4000	0	2,48,000
3	2013	55	4000	0	2,20,000
4	2014	65	4000	0	2,60,000
Total Rs.					9,64,000

(ii) Details of Scholarships awarded from Aug-2015 to March 2016

S. No.	B.TECH Batch	Total No of Students eligible to get MCM F.Y 2015 -16.	Amount paid for 8 months @Rs.1000/- per month (A)	Tuition Wavier Rs.25,000/- Sem I&II Tuition Waiver Rs.40,000/- for Batch 2015 (only) Sem I&II (B)		Total amount paid A+B
1	2012	61	8000X61 = 488000	65X50000	3250000	3,73,8000
2	2013	55	8000X55= 440000	64X50000	3200000	3,64,8000
3	2014	63	8000X63= 504000	68X 50000	3400000	3,90,4000
4	2015	72	8000X72= 576000	79X80000	6320000	6,89,6000
Total Rs.					1,81,86,000	



(iii) Total amount paid towards MCM Scholarship including tuition fee waiver is Rs. 9,64,000 + Rs. 1,81,86,000/- = Rs. 1,91,50,000/-

(B) Scholarship/Assistanceship/Financial Assistance to Post Graduate Students

The Institute follows the guideline issued by MHRD, GOI for monthly payment of financial assistanceship to the students enrolled in Post Graduate and Ph.D programmes as Fellowship/Assistanceship.

Programme	Amount of Monthly Assistanceship	Duration
Masters level	Rs. 12400	For 2 Years
Ph.D level	Rs. 25000	First 2 Years
	Rs. 28000	Remaining 3 Years

(II) Central Sector Scholarship Scheme for Top Class Education for SC and ST students

Ministry of Social Justice and Empowerment and Ministry of Tribal Affairs grants 10 and 5 Scholarships for SC and ST students of undergraduate programme of the Institute respectively. Yearwise Scholarships granted are given as under :-

Scholarship to ST Students for the Year 2015-16

Sl. No.	Batch	No of Students	Amount (in Rs.)
1	2014	03	262300.00
2	2013	04	194200.00
3	2012	03	100456.00
4	2011	05	167310.00
Total Rs			724266.00

Scholarship to SC Students for the Year 2015-16

Sl. No.	Batch	No of Students	Amount (in Rs.)
1	2015	10	8,58,899.00
Total Rs.			8,58,899.00

(III) Scholarship by State Govts – A few State Govts are also awarding Scholarship to SC/ST/OBC/Minority students of the Institute.

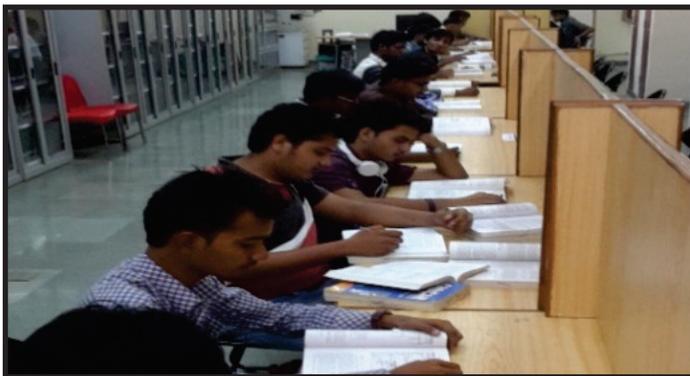
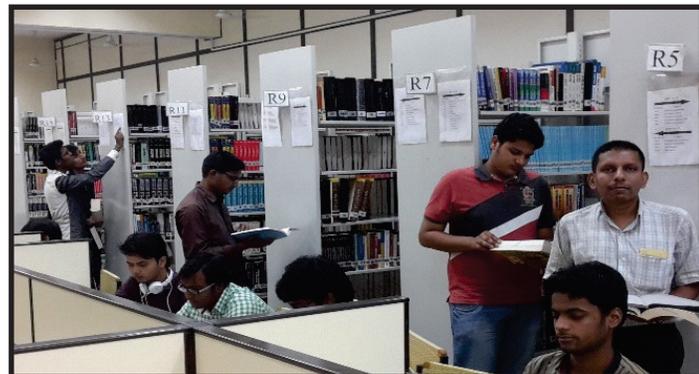
- Post Matric Scholarship by the Department of Backward classes and minority and SC/ST welfare, Govt of Madhya Pradesh - Total 08 number of students were given Scholarships.
- Under-ePASS Post Matric Scholarship by Joint Director(SCDD) Adilabad Distt – Number of student one.
- Scholarships were received from Department of Collectorate Arwal Bihar, District Welfare Office – Number of students two.



LIBRARY

Introduction

The Institute Library is a hybrid library and provides various services in mixed mode. The printed and electronic materials both are open to all Library users. Library is well equipped with all modern facilities and rich collections in all disciplines. The collections are available in the form of CD, DVD, on-line databases, e-journals and printed materials related to engineering, technology, applied science, management, humanities and other new emerging areas.



A VIEW OF WELL EQUIPPED INSTITUTE'S LIBRARY



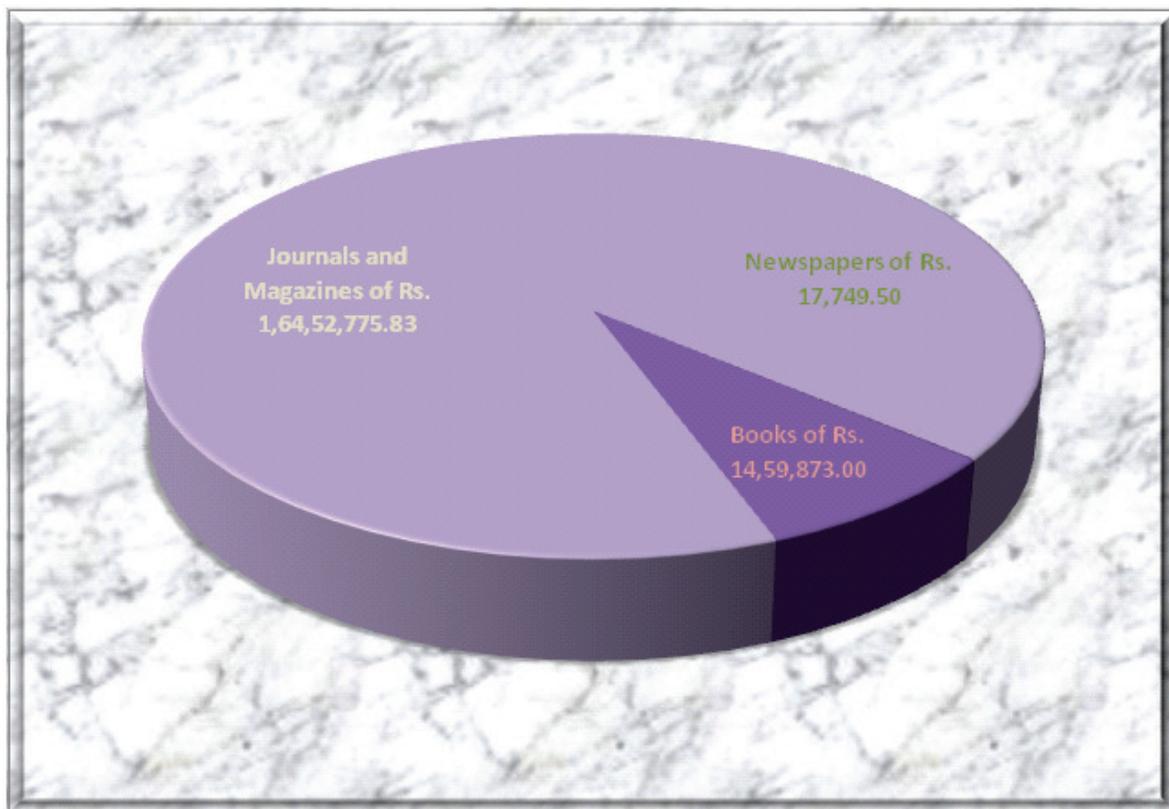
Statistical Representation of Library Collection

Development of Collection is most important functions of the Library and plays a vital role in supporting academic curriculum and research activities of faculties, research scholars, students and staffs. Day by day Institute Library is growing in all collections. In this financial year 2015-16 Library has procured Book Bank Books for our students and increase various newspapers, magazines and other resources for Library users. The total collection of Library as on 1st April 2015 to 31st March 2016 are as follows:

Details of Collection (Print and Electronic Form)						
Medium	Collection	In Stock On 31st March 2013	Procured In 2013-14	Procured In 2014-15	Procured In 2015-16	Total stock up to 31st March 2016
Documentary Sources (Print)	Books	10657	460	774	1631	13522
	Gratis Books	147	72	56	110	385
	Gratis other item	0	174	117	14	305
	Subscribed Print Journal	2	3	8 (P = 2, O+P =6)	3 (O+P)	3
	Project Reports/Theses	49	23	56	58	186
	Subscribed News Papers	15	16 (E-9, H-7)	16 (E-6, H-10)	20 (E-8, H-12)	20
	Subscribed Magazines	32	40	43	50	50
Non Documentary Sources (Non-Print)	Subscribed Online E-Resource (E-Journal)		63	64 (O = 56, O+P = 6, P = 2)	33 (O =30, O+P = 3)	33
	CDs/DVD/Floppy (Received with Project Reports, Books & Magazines)	1116 (Book CD)	335 (Book CD 99, Floppy 1, Project Report 56, Magazine 179)	134 (Book CD 45, Floppy 0, Project Report 54, Magazine 35)	177 (Book CD 91, Floppy 0, Project Report 55, Magazine 31)	1762 (Book CD 1351, Floppy 1, Project Report 165, Magazine 245)
Archives (old)	Bound Volumes of Journals	0	57	34	2	93
	Bound Volumes of Magazines	0	51	92	198	341



Details of Expenditure				
Sl. No.	Items	Expenditure 2013-14	Expenditure 2014-15	Expenditure 2015-16
1.	Newspapers	Rs. 14,532.00 (Approx.)	Rs. 13,911.00 (Approx.)	Rs. 17,749.50 (Approx.)
2.	Books	Rs. 4,10,467.00 (Approx.)	Rs. 7,57,588.00 (Approx.)	Rs. 14,59,873.00 (Approx.)
3.	Journals and Magazines	Rs. 1,57,95,484.00 (Approx.)	Rs. 1,66,86,294.66 (Approx.)	Rs. 1,64,52,775.83 (Approx.)
Total		Rs. 162,20,483.00 (Approx.)	Rs. 174,57,793.66 (Approx.)	Rs. 1,79,30,398.33 (Approx.)





Comparative Chart Showing Year wise Procurement

Details of Reference Collection				
Sl. No.	Reference Source	In Stock On 31st March 2015	Procured In 2015-16	Total Quantity in Stock on 31st March 2016
1.	Encyclopaedia	122	0	122
2.	Directories	4	0	4
3.	Handbook	169	4	173
4.	Dictionaries	43	0	43
5.	Conference Proceedings	13	0	13
6.	Statistical Sources	21	3	24
7.	Annual Report	18	1	19
8.	Year Book	4	0	4
9.	Atlas	2	0	2
10.	Manual	3	0	3
11.	World Records	2	0	2

Usages of Collection		
Sl. No.	Name of Particular	Average Usage Statistics
1.	Internal library user visit in library	50 – 70 users per day
2.	External library user visit in library	05 – 07 users per month
3.	Circulation of books (Issue, Reissue and Return)	150 transactions per day
4.	Usages of Journals/Magazines	50 – 60 Nos. per day
5.	Usages of Reference Material	30 – 35 Nos. per day
6.	Usages of E-resource (Article Download)	11,600 Articles per month (Approx.)
7.	No. of Reprographic Service	01 – 03 per month
8.	No. of Reference Queries	05 – 12 per day



Capacity of Institute Library:

Our Institute Library is very spacious and possesses a soothing atmosphere. Total area of Library is 234 Sq mtr. And which is divided into two parts, one is stack area (191 Sq mtr.) and another is reference area (43 Sq mtr.). Institute library has been maintaining a separate reference section. Various type of reference collections are provided to the users and fulfil the reference query .Seating capacity of our Institute Library is 100 at a time including 04 Nos. PCs use for E-resource and Web OPAC.

Loan Criteria for Library Users			
Sl. No.	Member Category of the Institute Library	No. of books issue at a time	Loan duration
1.	Faculty Member	20	180 days
2.	Research Engineer	20	180 days
3.	All Non- Teaching Member	05	30 days
4.	Post graduate student (PG and PhD.)	07	30 days
5.	Under Graduate Student (UG)	07 (Including Semester books)	15 days

Developments of Library:

- 1. Online Access of E-Resources:** The new consortia e-Shodh Sindhu (ESS) has developed by MHRD and supported by INFLIBNET Centre, Gandhinagar, Gujarat. This consortia has been providing huge number of e-resources to our institute like ACM Digital Library, ASME Journals Online, Emerald CFTI Collection (298 titles), JSTOR, Jgate Plus (JCCC), etc.



STUDENTS ACCESSING THE LIBRARY MATERIAL



- 2 **Book Bank:** Institute Library has developed the book bank Section (Mainly to prescribe textbooks) and same has been providing to students.

- 3 **Provide other Services:**
 - The OPAC is one of the most heavily used databases of the library and is accessible 24x7 via library web page. Besides listing all the documents available in the library. It allows on-line reservation, status of books, user details, overdue details, etc. Institute library is providing download facility of e-resources, CD Rom of study materials in single platform.

 - Reference service continued to help users to make full use of library resources and services. It renders necessary assistance to users in locating information or document of their choice.

- 4 **Information Alert Services:** Library time to time alert to users regarding latest information through e-mail and same has been display to notice board. The mentioned alert provide to all library users:
 - a) New Arrival Books.
 - b) New Subscribe E-Resources.
 - c) News Arrival other items.
 - d) Faculty and Student publications.
 - e) Forthcoming conferences, seminar, workshop, other national and international events.
 - f) Scholarship and fellowship information.

- 5 **Electronic Theses & Project Report:** Institute Library has preserved the theses and project report submitted by the postgraduate and doctoral student in electronic format as well as print format. Submitted theses and project report has been uploaded on local server. Access and download facility are available 24 x 7 for all library users.

- 6 **Newspaper Clipping Services:** Institute library also preserved Institute related news published in subscribed newspapers. It is preserved for future use.



List of Subscribed E-Resources (Online, Print, Online + Print)			
Sl. No.	Name of Resources/ Journal	Mode of Resources/Journal (Database/Print Journal/e-Journal/e-Journal package)	Name of Publisher
01.	Chemistry of Materials	Online	American Chemical Society
02.	Nature Photonics	Online	Nature Publishing Group
03.	Operation Research	Online	Informs
04.	Physical Chemistry Chemical Physics	Online	Royal Society of Chemistry
05.	Journal of Engineering Design	Online	Taylor & Francis
06.	Optics Letters	Online	OSA
07.	Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics	Online + Print	Sage Publication
08.	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	Online + Print	Sage Publication
09.	Virtual and Physical Prototyping	Online	Taylor & Francis
10.	Ergonomics in Design	Online	Sage Publication
11.	International Journal of Manufacturing Technology and Management	Online	Inderscience Publishers
12.	Management Science	Online	Informs
13.	Machining Science and Technology	Online	Taylor & Francis
14.	Nanotechnology	Online	IOP Science
15.	American Journal of Physics	Online	AAPT
16.	Physical Review B	Online	American Physical Society
17.	Nano Letters	Online	American Chemical Society
18.	Tribology Transactions	Online	Taylor & Francis
19.	Proceedings of the Institution of Mechanical Engineers, Part B: Journal	Online + Print	Sage Publication



	of Engineering Manufacture		
20.	Journal of Vibration and Control	Online	Sage Publication
21.	Journal of Applied Physics	Online	American Institute of Physics
22.	Smart Materials & Structures	Online	IOP Science
23.	Microwave and Optical Technology Letters	Online	Wiley
24.	Applied Physics Letters	Online	American Institute of Physics
25.	Physics Education	Online	IOP Science
26.	Physics Teacher	Online	AAPT
27.	International Journal of Robotics & Automation	Online	ACTA Press
28.	MathSciNet	Online	American Mathematical Society
29.	Science	Online	AAAS
30.	SCOPUS	Online	Elsevier
31.	Science Direct Option I	Online	Elsevier
32.	Energy	Online	Elsevier
33.	IEEE (IEL)	Online	IEEE



STUDENTS' FESTIVALS AND EVENTS

ENTHUSE'15

ENTHUSE'15 An Intra College Sports Tournament and organized by various Sports Clubs of PDPM-IIITDM Jabalpur. The tournament was a 3 days event, extending from October 2nd – October 4th 2015, organized under the able leadership of sports coordinators and co-coordinators. The tournament saw students showing their sports abilities in the fields of Cricket, Football, Badminton, Volleyball, Lawn tennis, Basketball, etc.

The major sports events that took place during this course of 3 days:

- 1) Football (Winner-Hall 4, Runner up-Hall 1)
- 2) Badminton (Winner-Sunanda and Sparshi(Girls), Mehul and Team(Boys))
- 3) Cricket (Winner-Hall 3A, Runner up-Hall4)
- 4) Volleyball (Winner-Hall 3A, Runner up-Hall 4A)
- 5) Lawn Tennis (i) Winner- Singles: Hall 4 (ii), Doubles: Hall 3(iii))Table Tennis (Winner- Hall 3)
- 6) Basketball Winner-(Girls: Team B, Boys: Hall 4A).



STUDENTS PARTICIPATING IN ENTHUSE'15 SPORTS TOURNAMENT



TARANG'15

The 9th edition of Annual Cultural Fest 'TARANG' of the Institute was organised from 8th to 11th October, 2015. The fest carrying out its rich legacy of being the Central India's Largest Cultural fest created a buzz in the city of Jabalpur as well as whole of India. The 3 day 4 night fest created a buzz among the youths who were gripped in its fever during its organisation. The fest saw an overwhelming response from the nation with the average footfall rising to a level of 1400 in the day to nearly 2400 in the Mega Events of Nights.

The students are proud of being part of a system that promotes holistic development and the lot is enthusiastically involved with various cultural clubs throughout the year. TARANG, IIITDM's annual cultural festival, is the celebration of this spirit. It aims to bring out the talent of today's youth in the fields of literature, music, fine arts, drama and dance – The Panchveda of Culture, and put it on a stage where competition bar raises and fun bar out-raise. Being central India's large student-led cultural fest, it attracts large crowd of an average footfall of 2,500 plus, seeing an increase every successive year.



STUDENTS PERFORMING DURING 'TARANG'



STUDENTS ENJOYING THE AGNEE BAND
CONCERT DURING 'TARANG 2015'



GUSTO'16

GUSTO' 16 organized by sport club. Its an Inter-College Sports Festival of PDPM IIITDM Jabalpur organized by the different Sports Clubs of the Institute. It was a 4 day event, spanning from January 22nd –26th 2016. It saw students showing their sports abilities in fields of Cricket, Football, Badminton, Volleyball, Lawn tennis, Basketball, etc.

The major sport events that took place during this course of 4 days:

GUSTOTHON: The marathon started from Entry Gate of the institute and concluded at Dumna Nature Reserve. The participants from the academic Institutes all over India took part in following sports events and won prizes :-

- a. Football (Winner-Gyan Ganga Institute of Technology, Runner up-Saint Aloysius)
- b. Badminton (Winner- Hitkarni(Girls), IIITA(Boys))
- c. Cricket (Winner-JEC, Runner up-JUET)
- d. Volleyball (Winner-SRIT, Runner up-IIITA)
- e. Table Tennis (Winner-IIITDMJ)
- f. Basketball (Winner-Girls: RDVV , Boys: JEC)
- g. Kabaddi (Winner- SHIATS)
- h. Chess (Winner- Prashant)
- i. Carom- (Winner- Om Nabin(Single), Lalith and Mahesh(Doubles))



GLIMPSES OF VARIOUS SPORTING EVENTS CONDUCTED DURING GUSTO- 2016





SWACHH BHARAT ABHIYAN

In pursuance of MHRD letter dated 22-01-2016, pledge-taking ceremony was held on 12th Feb 2016 at 1300 hours in Open Air Theatre (OAT) adjoining to SAC building of the Institute. A cleanliness drive was started from the same venue and preceded to the hostel area and the cricket ground, including pathway from Canteen to Hall-1 to Hall -3 and adjoining ground of Central Mess and Dining Hall.

Prof P.K. Jain, Director, Prof Tanuja Sheorey, Dean Students, Shri R.P. Dwivedi, Registrar, alongwith the academic and non-academic staff and students have taken pledge followed by participation in cleanliness drive.



PLEDGE TAKING CEREMONY AND CLEANING DRIVE ON THE OCCASION OF SWACHH BHARAT ABHIYAN

ABHIKALPAN 2016:

ABHIKALPAN, the annual technical festival of the Institute was brought into action in 2006 with an aim to promote innovative technical excellence and organizational proficiency. This is the perfect platform to cultivate students' inner innovative technical potential. This fest promises to cut throat competition in wide range of technical events in the domain of ME, CSE, ECE, Robotics, Design, Gaming and Management along with a host of informal events. This year Abhikalpan was held during 12-13 March 2016. On the occasion of inauguration, Mr. Gulshan Bamra, IAS, Commissioner, Jabalpur was the Chief Guest. A number of exhibits, informative guest lectures and most inspiring and educating workshops on current and trending technologies were conducted. Prof. Sankar Kumar Pal, Member, BOG was one of the invitees for delivering guest lecture.

BLOOD DONATION CAMP

During the Abhikalpan, on 12th March 2016, a blood donation camp was organized by Students Gymkhana and its office bearers actively participated. More than 50 students donated blood for social cause.



YOGA SESSION

One Day Yoga Session was organized for students on 8th April 2016 at 06.00 p.m. More than 300 students from all branches attended yoga session. The Session was conducted by Col. Rajesh Thakur. During the session, Dean Students, Deputy Registrar (Academic/ SA) were also present.

CULTURAL/ TECHNICAL TRIPS

The students of Institute participated in various cultural/technical programmes and competitions at various Institutes. The details of major participations/completions is as under :-.

- a) **Technical Trip to IIT Bombay:** A team of 4 students (Automotive & Fabrication Club of Students Gymkhana) was visited to IIT Bombay during 26-29th December 2015 and participated in Techfest of IIT Bombay. The Team participated in Full Throttle Competition and also attended guest lecture.
- b) **Cultural Trip to IIM Ahmedabad:** A team of 16 students (Aavartan –Dance Club of Students Gymkhana) was visited to IIM Ahmedabad from 22-01-2016 to 26-01-2016 and participated in cultural festival (Chaos 2016) of IIM Ahmedabad
- c) **Cultural Trip to IIM Calcutta:** A team of 15 students (Jazbaat- the Dramatics Club of Students Gymkhana) had visited to IIM Calcutta to participate in their Annual cultural fest –'CarpeDiem-16 during 29-31st January 2016. Our team was the runner's up in the One act event Abhinay in IIM Calcutta and runner's up also in Nukkad Natak Halla Bol of IIM Calcutta.
- d) **ROBOCON -2016:** A team of 6 students participated in Robocon 2016 held at Pune during 2-6th March 2016 and Stood at 35th position in the Qualifying round.



STUDENTS' ACHIEVEMENTS

- (i) Mr. Ritwik Roy, Roll No. 2013171 & Mr. Parantap Chakrabarti, Roll No. 2013145, were runner-up at Chimera 2016(A General Quiz), organized by Indian Society for Technical Education Students' Chapter MANIT Bhopal, held on 28th February, 2016. Won a cash prize of Rs 7500/-.
- (ii) Mr. Diwakar Vaish, Roll No. 2014052 won 2nd prize in online poster making competition in 'Recycle Campaign' organized by IIT Bombay
- (iii) Mr. Lalit Kumar, Roll No. 2014092 secured 3rd prize in hindi debate organized Rajbhasha Vibhag, PDPM IIITDM Jabalpur
- (iv) Mr. Ankur Sharma, Roll No. 2012268, appeared in OCES/DGFS -2016 exam and secured 96.23 percentile.
- (v) Ms. Shivangi Khare, Roll No. 2014165 offered IASc-INSA-NASI Summer Research Fellowship at IIT Hyderabad and also selected under IIT Bombay Eklavya internship programe.
- (vi) Mr. Yash Raizada, Roll No. 2014206 and Yasawini Ravuri, Roll No. 2014205 participated in 'GO Green in the City 2016', a global business challenge hosted by **Schneider Electric** Paris.
- (vii) Mr. Bhagwan Ram, Roll No. 2012269: (a) Three international SCJ journals papers are published (b) Two international conference papers are accepted.
- (viii) Mr. Abhilash Mishra (2012143) and Amit Gupta (2012021) got a performance award at the AMADA 28th Precision Sheet Metal Technology Fair 2016 held at Tokyo Japan and also sent for a technical training at JINPAO Industries, Thailand for a period of 3 weeks from 18-03-2016 to 09-04-2016.
- (ix) Mr. Deshal Dan (2012073) got second prize in Essay Competition on Smart City, Jabalpur.



OTHER ACTIVITIES

GULZAR

It was a short film directed by Dr. Jayesh Pillai, a former faculty of IIITDM Jabalpur. The students of Master of Design 2014-16 batch, acted as the production team of the film. The entire film is recorded in and around the campus of IIITDM, Jabalpur.

Synopsis :-During a road trip, siblings Isha and Akash encounter a homeless street dweller who might be their long lost friend. Trying to get him back home, they learn more about his dark past and why his home might not be where he belongs.

The film explores the rekindling of an old friendship, in the course of which we get a glance into the inner psyche of Gulzar, a lost soul.

Recognition -Selected for Short Film Corner, Cannes Film Festival 2016.

OBSERVATION OF INTERNATIONAL YOGA DAY

As part of worldwide observation of International Yoga Day, 2015, PDPM IIITDM Jabalpur has also observed this day on June 21, 2015 in its campus with the theme "Yoga for Harmony and Peace". A Yoga session of around forty minutes was organized in which students, faculty, officers and staff took part enthusiastically and practiced various '*asanas*' of Yoga and *pranayama*. A Yoga practitioner was invited to demonstrate various Yoga postures and explain correct way of doing *asanas*.



PARTICIPANTS FROM IIITDMJ PERFORMING YOGA ASANAS



हिंदी पखवाडा

प्रत्येक वर्ष की भांति इस वर्ष भी संस्थान में हिंदी पखवाडा 2015 मनाया गया। जो कि 14 सितम्बर को प्रारंभ हुआ तथा 28 सितम्बर को समाप्त हुआ। राष्ट्र प्रत्येक वर्ष 14 सितम्बर को हिंदी दिवस के रूप में मनाता है, क्योंकि इस दिन संविधान सभा द्वारा वर्ष 1949 में हिंदी को राजभाषा के रूप में अपनाया गया था।

पखवाडे के दौरान कर्मचारियों एवं विद्यार्थियों के मध्य विभिन्न प्रतियोगिताओं का आयोजन किया गया। लोगों ने उत्साह पूर्वक इन प्रतियोगिताओं में हिस्सा लिया। समापन समारोह 28 सितम्बर 2015 को मनाया गया जिसमें संस्थान निदेशक, अधिष्ठातागण, कुलसचिव एवं संस्थान के अन्य सदस्य उपस्थित थे। विभिन्न प्रतियोगिताओं के विजेताओं को पुरस्कार प्रदान किये गये।

Hindi Pakhwada – 2015

Like every year this year also Institute celebrated Hindi Pakhwada – 2015 which started from September 14 to 28, 2015 and concluded on September 28, 2015. The day of September 14 is observed as Hindi Diwas in the nation because on the date the language Hindi was adopted as official language of the nation by the constituent assembly in the year 1949.

During the period various competitions were organized amongst staff members and students. People enthusiastically participated in these competitions. The closing ceremony was held on September 28, 2015. Director of the Institute, Deans, Registrar and other members of the Institute were present in the ceremony. Winners of various competitions were awarded with the prizes.



TREE PLANTATION

The Institute signed MoU with the Tropical Forest Research Institute (TFRI), Jabalpur to get consultancy services for the next three years for development of plantation in the campus. A huge plantation work has been done in the campus during this year, with the valuable consultancy services provided by the TFRI team. The Plantation work inside the campus is being continued with a regular feedback and close monitoring by the Scientists of TFRI.



VAN MAHOTSAVA 2015

Van Mahotsava 2015 was celebrated in the Campus on July 15, 2015, in association with the MP Forest Department. The Chief Conservator of Forest of the Jabalpur area inaugurated the 'Van Mahotsava-2015'. The plants provided by the courtesy of MP forest department were planted at different locations in the campus during this occasion.



WORKSHOPS/SEMINARS/TRAINING/ AWARENESS PROGRAMS ORGANISED

OTSEMP 2016 WORKSHOP

Indian Institute of Information Technology, Design and Manufacturing Jabalpur (IIITDMJ) had conducted a National Workshop on "Optimization Techniques for Solving Engineering and Management Problems" <<http://otsemp.iiitdmj.ac.in/>> during 02-06 March, 2016. The Workshop was Organized by Dr Sunil Agrawal(Principal Coordinator) and Dr Goutam Dutta and Dr Sujoy Mukherjee as coordinators.

The objective of the workshop is to provide a platform for the participants to learn and share knowledge and experiences through the presentation of research papers, panel discussions, and one-on-one or group meetings. While, on the one hand, participants were exposed to new theoretical developments in the field, on the other hand, they were exposed to practical applications of theories through real-life examples and case studies. Since the workshop was a congregation of academicians and practitioners from industry/R&D organizations, both theories and practices of optimization techniques were covered during the course of the workshop.

The participants in the workshop have been categorized in three categories viz. Faculty from other Institutions, Research Scholars and Students from PDPM IIITD&M. The participants came from IITs, NIST, ISI Kolkata, ISM Dhanbad, NITs, University of Eastern Finland, Govt and Pvt Universities .

The total number of participants enrolled for the workshop were 47 including all the three categories mentioned above.

The feedback received from the participants highlighted their excitement of attending the Guest Lectures on cutting edge technology in Defense and the sessions covering classical and advanced Meta-heuristics technique in Engineering & Management Optimization.



NCFW

ALFAAZ – A WORKSHOP CONDUCTED BY NCFW

NCFW is a national campaign to change the problematic attitude of the country toward half of its population. It fights problems of gender based violence and discrimination through: EDUCATION, CONVERSATION and ACTION.

The workshop was conducted for two and half hours on two consecutive days. Ms. SHREENA THAKORE-The co founder and ANUSHKA JADAV- The Managing Director of NCFW, were present.

A WORKSHOP ON - "DEVELOPING ANDROID APPLICATIONS FOR FUN AND PROFIT"

(Under ICT Academy, IIITDM Jabalpur) was held Dec 14-20, 2015

The world of Android is one of the mightiest one in coming days with more than a billion device activated in less than a decade. This provides immense opportunity to all the segments of developers, designers and businesses to transform their ideas into tangible applications. The Android OS runs from small wrist watch to fully luxurious cars. It has made a connected world a reality.

A one week training course on "Developing Android Applications for Fun and Profit" was organized under 'Electronics and ICT Academy' in IIITDM Jabalpur during Dec 14-20, 2015. This workshop provided an exciting opportunity to the attendees to get started and start developing applications there by opening the world of Android to them. The course also helped audience to get a glimpse of best practices and design patterns used for developing industry ready applications.

The programme was open to faculty, research scholars, and master students, from all the colleges and universities in the states of M.P., Chhattisgarh, and Maharashtra. Also to the fresh graduates who wish to improve their technical skills as well as Industry personnel working in the concerned/allied discipline. A total of forty participants attended the workshop, which included fifteen faculty members, one person from industry, and twenty four senior UG and PG students across various colleges.

Most of the workshop sessions were designed as practice sessions, where participants did a lot of coding. The topics covered in the workshop included –Overview of Mobile Application, Development & Android Architecture and Ecosystem, Android Studio, Introduction Activity, Layout and Gradle Build Environment, Activities, Intents and Fragments, Threads and Async Tasks, Loopers, Services and Notification, Broad Cast Receiver, Complex Layouts and User Interfaces, Navigation Bar, Content Provider, Application Development with REST and JSON. The resource person for this workshop were Mr A Allhabaksh, Senior Product Technical Architect, Infosys and Mr A Taha, Founder and CTO Geelani Consultancy.





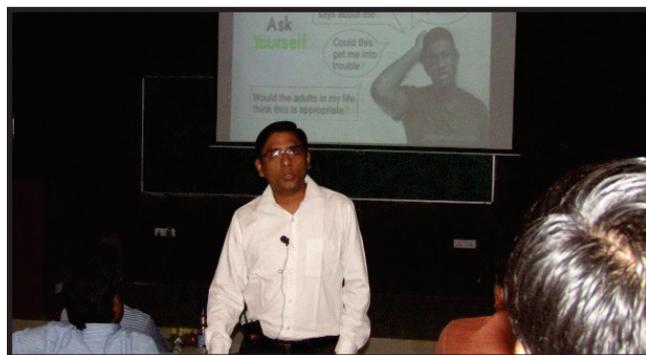
AWARENESS PROGRAMME ON “FIGHT AGAINST SEXUAL CRIMES AND GENDER DISCRIMINATION”

Women Cell, IIITDMJ in association with Samvaad – 'The Literature and Quizzing Society' organized a workshop on "Fight against sexual crimes and gender discrimination" during January 15-16, 2016. Ms. Shreena Thakore and Ms. Anushka Jadhav from a prominent NGO namely NCFW (No Country For Women) were resource persons. They shared their vision and experiences gained by organizing various such seminars across the country.

LECTURE ON “CYBER CRIME AWARENESS”

A lecture session on Cyber Crime Awareness was organized under the guidance of Dr. Matadeen Bansal on March 7, 2016 in room L201 of the LHTC. The lectures were delivered by Mr. Varun Kapoor (IPS), Additional Director General of Police (Narcotics) Indore and Mr. Sudeep Goenka (SPS), SP at Police Radio Training School Indore. The speakers shared the cyber security related information ranging from legal provisions; police procedures; IT act provisions; definitions, impact, volume and types of cyber-crime; the advantage of awareness in the cyber-crime prevention; password protection; ID theft protection; risky behaviour on Internet; inappropriate contents; cyber bullying; cyber stalking; geo tagging; financial frauds; mail spoofing and ways of protection; ATM and net-banking frauds, etc. The talk was very informative and will help in protecting the faculty, staff, and students of PDPM IIITDM Jabalpur from becoming victims of cyber offences.

The lectures were attended by various faculty members, officers, staff, and students of the Institute.



LECTURES BEING DELIVERED BY EXPERT ON CYBER CRIME AWARENESS

FACULTY DEVELOPMENT PROGRAMME ON COMPUTER PROGRAMMING AND GUI DEVELOPMENT USING MATLAB

Hands-on Experience oriented Programming Skill Development program was organised by Electronics and ICT Academy, IIITDM Jabalpur from March 18-23, 2016. The main contents of the programme were to have case studies of advanced applications of MATLAB and demonstrating of computational methods through recent research works. The faculty and students from other Institutes and of IIITDMJ attended the programme.



ADMINISTRATIVE TRAINING PROGRAMME

A 15 days in house training programme cum workshop was conducted from October 05-20, 2015. Shri RP Dwivedi, Registrar of the Institute along with other officers conducted the programme successfully. The programme was conducted mainly for newly joined employees. The existing employees also took part in the programme. The programme emphasized mainly on Communication and behavioural skills, finance and accounts, discipline rules, purchase procedures, establishment rules, RTI, academic and students matters and to acquaint with the newly introduced IIIT Act 2014 and its various provisions etc.



IIITDMJ AND JAPAN COLLABORATION

JENESYS 2015

The JENESYS program is coordinated by Japan International Cooperation Agency (JICA) to promote a people-to-people exchange between Japan and other countries. The main objective of this program is promoting a global understanding of Japan's society, history, diverse culture, politics and technological achievements and to spread this understanding.

This year, twenty nine students from our institute with Dr. Atul Gupta as the faculty supervisor visited Japan as per the JENESYS 2015 programme during Jan 19-26, 2016. First, they went to Tokyo, where JICE representatives conducted an orientation program and handed over the complete schedule of the visit. They explained the expectations for and roles of delegates and assigned two coordinators to our group in order to coordinate the complete tour. Some of the highlights of the tour are given below.



On Jan 21, 2016, a visit was made to University of Tokyo where students were welcomed by a group of researchers headed by Dr Ko Yamamoto, who briefed us about the University programs, departments and achievements. Subsequently, we visited four different Laboratories of Robotics and Automation where state of research in robot movement and control as well as use of robot arm in medical surgery being carried out. The researchers present over there explained the novelty of the projects.

On Jan 22, 2016, the students visited Toyohashi University in Aichi province where they were warmly received by the Director, Centre of International Relation (CIR) Dr Hiroyuki Daimon along with some of the students. There the students had two presentations- one made by a Japanese student about Toyohashi city and the university and the other made by two of IIITDMJ students. Mr Parantap and Mr Mohit Choubey were excellent one on 'Introduction to India'. In the afternoon, we visited a fortune 500 company 'Danso Corporation' who makes automobile parts. The company representatives provided a peep in the future technologies with which our automobile industries are going to equipped with. They also visited an exhibition gallery exhibiting the achievements of the company and their future plans.

- For the next two days (i.e. 23 and 24 Jan), the students stayed with local 'host families', which perhaps was the most fascinating and learning experience for all of us. In group of 2-3 students, we



stayed with different host families and spent good times observing their life styles, culture and hospitality. Some of the students cooked vegetarian food and offered to them, while others enjoyed going for outing with them. At the farewell party on 24 Jan, some of our students performed solo as well as group Indian dance and singing along with the members of the host families.



IIITDMJ STUDENTS INTERACTING WITH THEIR COUNTERPARTS IN JAPAN

Students got a lot of compliments from host families as well as the JICE coordinators that our students won the hearts of the Japanese families while staying with the host families and the togetherness of just one and a half days is converted to lifelong ones.

On Jan 25, students travelled back to Tokyo through a bullet train. After the lunch they visited National Museum of Science where they saw recent developments

and innovations made by the Researchers of different Universities and Organizations.

This was followed by the debriefing sessions where IIITDMJ students presented their experience, observations and action plans as well as in what way this was an excellent exposure tour for them. Next morning, after lunch, students left to Narita Airport to catch return flight.

Overall, it was an excellent exposure and orientation to IIITDMJ students to know why Japan is a great nation. It is not because Japan has produced many world class industries and frontier in Electronics, and automation, but it is the people of Japan who carry very high ethics and moral values. Japanese people are very discipline, punctual, humble, respectful, and hardworking. They do not believe in complaining but always try to become a part of the solution of the problem. They are very conscious of the surroundings and act responsibly without losing patience whether it is related with health, cleanliness, driving, or their behavior in public domain. It was amazing to see how the technology got penetrated to the common Japanese and being used without any discrimination. Another highlight of the program was an excellent coordination and management by the two JICE coordinators – Yemaki san and Yuri san who accompanied us throughout the tour.



JABALPUR-ACADEMIA INITIATIVE (JAI)

The third meeting of partner institutions under 'Jabalpur Academia Initiative' was held on February 17, 2016 in the Visitors' Hostel of the Institute. The meeting was attended by Prof. P.K. Jain, Director, PDPM IITDMJ, Prof. Tomar, Vice Chancellor, JNKVV, Prof. K.D. Mishra, Vice Chancellor, RDVV, Prof. R.S. Sharma, Vice Chancellor, MPMSU, Dr. S.K. Jain, Director Extension Services, NDPCV Dr. Bhadoria, Principal, JEC and some faculty members from each of the six institutions, who are actively engaged in JAI. Main agenda of the meeting was to decide some action plans for the people of Jabalpur. In the previous meeting, it was decided to work together on four different aspects of collaboration (1) identifying main problems and issues in the city of Jabalpur and providing effective solutions for some of such problems to help people improve the quality of their lives or quality of service for the people of Jabalpur (2) meaningful research collaboration for the society (3) running skill development programmes (4) organising joint workshops/seminars etc. Valuable suggestions were given by members present in the meeting. After deliberations following decisions were taken. After deliberation on each of the suggestions following resolutions were made.

- A joint MOU will be signed by all the partner institutions to start a formal dialogue and activities under 'JAI'.
- A website of JAI will be launched in a month's time to highlight its Vision, Mission and various activities conducted under 'JAI'.
- Schedule of various awareness programme, career counseling programmes and skill development programme will be uploaded on the website. After completion of each skill development programme, certificates may be issued by the host institution.
- Programme on medical emergency awareness will be started from the month of March, 2016.
- Career counselling workshop may be initiated and parents may also be invited in such workshops.
- A list of skill development programmes will be provided by each institution with tentative date slots, and the same will be uploaded on the website of 'JAI'.
- All the heads of institutions and other members agreed upon holding a workshop on "Innovations at Grass Roots Level". It was decided to finalize a date in consultation with Prof. Anil K. Gupta, Member, National Innovation Foundation, who is an expert and a social activist in the field, and who would be invited to address the workshop.

In addition to the above, all the members were of the opinion that research collaboration is the need of the hours and dialogues should be initiated in this direction as well. It was informed to the members that some research projects have already been initiated by members of JNKVV, RDVV and PDPM IITDM Jabalpur.



PHOTO WITH PARTICIPANTS OF THE JABALPUR ACADEMIA INITIATIVE



INFRASTRUCTURE DEVELOPMENT

The Institute was shifted, in the year 2009, to its permanent campus near Dumna Airport Jabalpur, from the transit campus at Jabalpur Engineering College. The initial activities were started in the only completed buildings i.e. the Core Lab complex and a part of Hall of Residence -1. The completion of Hall of Residence 1, Hall of Residence 3 and Hall of Residence 4 facilitated all the students to get hostel accommodation inside the campus. Some temporary shades were initially used to support the Core Lab Complex building for fulfilling the space requirements for academic activities. With the completion of the Lecture Hall and Tutorial complex building all the teaching activities had been shifted to this building. The campus took a shape during this year with the completion of structural work of a number of buildings and with completion of road network in most of the functional areas. The residential tower Narmada Residency II had been occupied during the year and several faculty members and staff members were shifted to the campus.

The campus has three major parts viz. Academic Zone, Hostel Zone and Residential Zone, well connected with cement concrete roads. The Academic zone has an outer ring road and an inner ring road. The academic buildings are located along these roads.

Academic Zone: -The following are the main building in this zone.

- 1. Core Lab Complex:** It is a two storied building having facilities to accommodate the core labs. Initially, being the only completed building in the campus, all the academic and administrative activities were performed in this building. All class room activities are now shifted from this building to the Lecture Hall and Tutorial Complex. Some new labs have been started in the building in the vacated space, by shifting of classrooms. The Directorate, Central Library, Computer Centre and some faculty chambers etc. are still accommodated in this building.
- 2. Lecture Hall and Tutorial Complex:** This is the signature building of the campus. All the class room activities are now being performed in this building. In addition, some research laboratories, Ideation Studio for design display area and some faculty chambers are also accommodated in the building. Presently, the academic office is running in this building and the lecture hall of 600 Capacity is being used as auditorium. A lecture hall of 120 capacities, inside this building has been developed as virtual classroom.



Lecture Hall and Tutorial Complex

- 3. Primary Health centre:** The Civil work of the building has been completed by the CPWD during this year. Institute has started using the partial facility and It would be made fully functional very soon after commissioning of all the services in it. The building is located



at the Junction point of the Academic Zone and Residential Zone. It is well connected with cement concrete road with the Hostel Zone of the campus.



Primary Health Centre

- 4. Library and computer Centre:** The building is at the completion stage some electrical, and sewage related services are required to be completed. It is located nearby to the LHTC building and has a nice approach from all corners of the campus.



Library cum Computer Science Building

- 5. Administrative Block:** The building is located at the left side of the main entrance of the campus the building is at the Completion stage and the electricity, water and sewage disposal are under process.



Administrative Block

- 6. Visitors' Hostel:** It is the guest house building, located at the junction point of the Academic Zone and the Residential Zone. The Institute started using the building due to urgent need from last year. It has, in its guest block, a total of 36 guest rooms, including



a VIP room. There is a connected facility block having space for kitchen and dining, meeting and conference rooms, lounge and a reception counter.



Visitors' Hostel

Hostel Zone:-

1. **Hall of Residence I:** It is a single seated hostel. The building was the first hostel building constructed, at the Institute level. Presently, the girls students are also being accommodated in two blocks of this building. The building has recreational facilities like reading room, TV viewing room and canteen, etc. inside it. The building is well connected with roads and pathways with other parts of the campus.
2. **Hall of Residence III:** It is triple seated building having capacity of 498. The building was constructed at the Institute level. It is well connected with roads and pathways, with the other parts of the campus. The recreational facilities like TV viewing room, dance and drama room, canteen etc. are available inside the building. An indoor Badminton Court and a Computer Centre are also developed inside the building with removable partitions.
3. **Hall of Residence IV:** It is also a triple seated hostel with student capacity of 498. It has been constructed by the CPWD. The building is connected with roads and pathways with the other parts of the campus. It has facilities like canteen, TV viewing room, reading room, Dance and Drama room etc. inside it.



Hall of Residence IV

4. **Mess and Dining Hall:-** It is the central mess building for the Hall of Residence I (HOR I), Hall of Residence III (HOR III) and Hall of Residence IV (HOR IV). It is a two storied building having capacity of dining for 1000 students. The building is connected with road and pathways.



Mess and Dining Hall

5. **2 Nos Type V Quarters:** The building is located in the hostel area to provide residence for hostel wardens. The building includes 2 number type V quarters (duplex style) with 3 bed rooms, drawing cum dining room, kitchen and one number servant quarter.
6. **Suraksha Bhawan:** The building is located at the extreme end of the campus, towards Mehagavan Village. The building has 4 dormitories, with a kitchen and dining space for security guards, who are off the duties.
7. **Hall of Residence VII:** It is a PG hostel building having two parts.



PG Hostel Phase I and Phase II

- a. **Married Accommodation (Phase I):** The building is at the completion stage the electrical and services parts are remained to be completed. It has one bed room flats for married PG students.
- b. **Bachelor Accommodation (Phase II)** The structural part of the building is almost completed and the finishing works, electrical works and services part are remained to be completed. The building has single seated rooms with the provision to accommodate the bachelor PG students. There is a facility block, well connected with the hostel unit.
8. **Hall of Residence VIII (Girls Hostel):** The building is located besides the PG hostel. It has a capacity to accommodate 250 girls students. There is a warden's residence inside the building. The structural part of the building is at the completion and the finishing works, electrical works and works related with services are remained to be carried out.
9. **Students Activity Centre:** The Basket Ball Court (Indoor), a part of the Student Activity Centre has been completed by the CPWD. It is going to be functional very soon. The structural part of the remaining buildings, including that of amphitheatre is almost completed.



Residential Zone:-

1. **Narmada Residency II:** This is a G+5 residential tower having 2-bedrooms flats. The building has been occupied this year and thus some of the faculty members and staff members have been provided the accommodation inside the campus. The building is connected with cement roads with the other parts of the campus some of the services are still pending but Institute is using it due to urgent need of faculty and staff accommodations.



Narmada Residency II

2. **Rewa Residency II:** This residential building has 2-bed room flats for staff members. The building is at the completion stage. The service part like electrical supply, water supply, sewerage disposal works are to be completed for making the building functional. The building is well connected with cement concrete roads with the other parts of the campus.



Rewa Residency 2

3. **Narmada Residency III:** This is also a G+5 residential tower having 3 bed room flats for faculty members. The building is at completion stage. Only a few civil works and services part are to be completed to make the building functional the cement concrete roads have been available to connect the building with other parts at the campus

Narmada residency-III





MAJOR EQUIPMENTS PROCURED



ME 1300-300 ANTENNA AND PROPAGATION LAB KIT (COST Rs. 3.99 LAKHS)



ANNUAL ACCOUNTS
[FOR THE FY 2015-16]



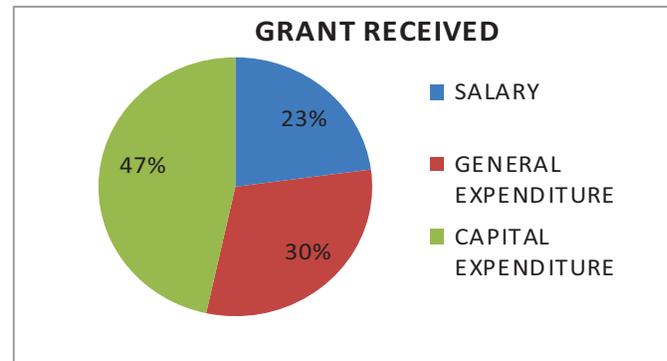
ANNUAL ACCOUNTS [FOR THE FY 2015-16]

FUNDS AVAILABLE AND EXPENDITURE INCURRED DURING F.Y. 2015-16

(I) GRANT IN-AID RECEIVED DURING FY 2015-16

Rs. in lakhs

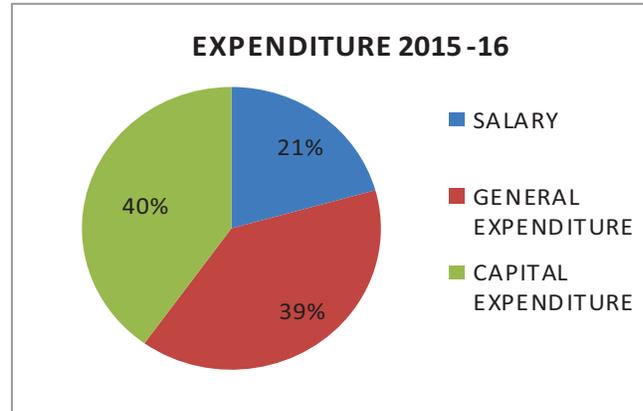
PARTICULARS	GIA
SALARY	834.70
GENERAL EXPENDITURE	1114.90
CAPITAL EXPENDITURE	1700.00
TOTAL	3649.60



(II) EXPENDITURE FOR FY 2015-16

Rs. in lakhs

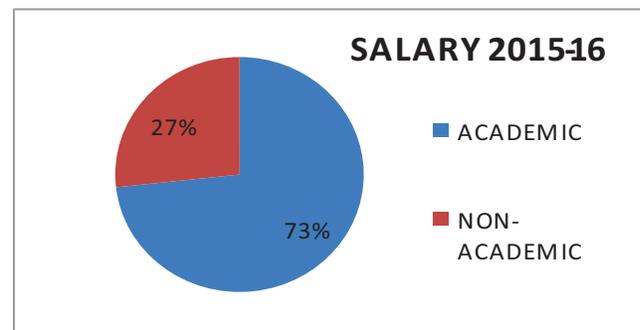
PARTICULARS	GIA
SALARY	856.03
GENERAL EXPENDITURE	1625.68
CAPITAL EXPENDITURE	1662.53
TOTAL	4144.24



(A) SALARY EXPENDITURE FOR FY 2015-16

Rs. in lakhs

PARTICULARS	SALARY EXPENSES
ACADEMIC	627.18
NON-ACADEMIC	228.85
TOTAL	856.03

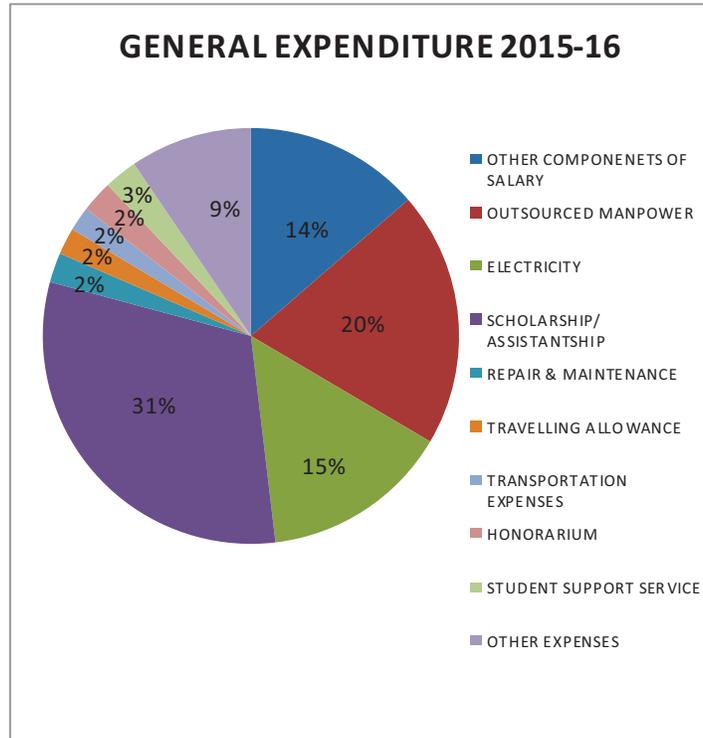




(B) GENERAL EXPENDITURE FOR FY 2015-16

Rs. in lakhs

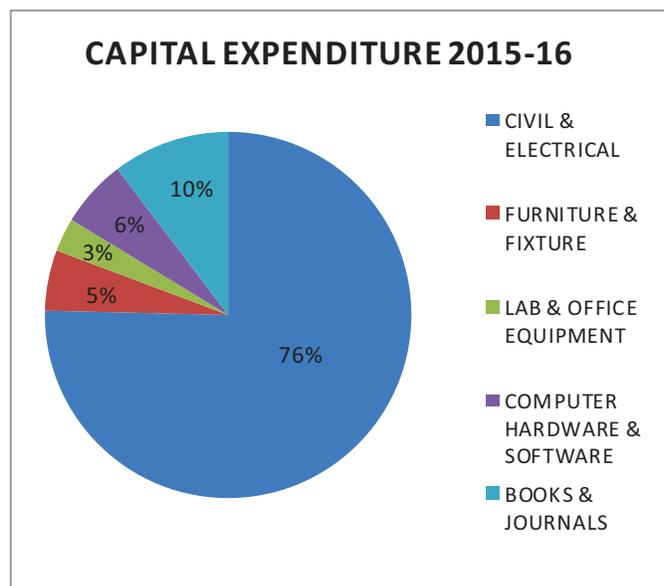
PARTICULARS	AMOUNT
OTHER COMPONENT OF SALARY	221.68
OUTSOURCED MANPOWER	322.58
ELECTRICITY	237.97
SCHOLARSHIP/ ASSISTANTSHIP	505.04
REPAIR & MAINTENANCE	37.6
TRAVELLING ALLOWANCE	33.71
TRANSPORTATION EXPENSES	30.89
HONORARIUM	39.95
STUDENT SUPPORT SERVICE	41.94
OTHER EXPENSES	154.32
TOTAL	1625.68



(C) CAPITAL EXPENDITURE FY 2015 - 16

Rs. in lakhs

PARTICULARS	AMOUNT
CIVIL & ELECTRICAL	1253.22
FURNITURE & FIXTURE	88.82
LAB & OFFICE EQUIPMENT	49.47
COMPUTER HARDWARE & SOFTWARE	99.36
BOOKS & JOURNALS	171.67
TOTAL	1662.54





PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, JABALPUR

BALANCE SHEET AS AT 31ST MARCH 2016

Amount in Rs.

SOURCES OF FUNDS	SCHEDULES	CURRENT YEAR (AS AT 31/03/2016)	PREVIOUS YEAR (AS AT 31/03/2015)
CORPUS/CAPITAL FUND	1	303,81,77,148	289,82,46,336
DESIGNATED/EARMARKED/ENDOWMENT FUNDS	2	0	0
CURRENT LIABILITIES & PROVISIONS	3	21,79,44,136	13,51,67,296
TOTAL		325,61,21,284	303,34,13,632
APPLICATION OF FUNDS			
FIXED ASSETS	4		
TANGIBLE ASSETS		68,36,94,102	69,45,38,706
INTANGIBLE ASSETS		2,19,88,769	1,87,63,990
CAPITAL WORK-IN-PROGRESS		201,62,06,794	186,74,63,697
INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS	5		
LONG TERM		0	0
SHORT TERM		0	0
INVESTMENTS-OTHERS	6	1,75,89,473	80,00,000
CURRENT ASSETS	7	31,11,68,946	27,21,73,306
LOANS, ADVANCES & DEPOSITS	8	20,54,73,200	17,24,73,933
TOTAL		325,61,21,284	303,34,13,632
SIGNIFICANT ACCOUNTING POLICIES	23		
CONTINGENT LIABILITIES AND NOTE TO ACCOUNTS	24		

(Naresh Joshi)
Asst.Registrar (F&A)

(Ram Phal Dwivedi)
Registrar

(Pramod Kumar Jain)
Director



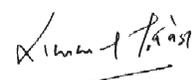
PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, JABALPUR

INCOME AND EXPENDITURE ACCOUNT
FOR THE PERIOD 01/04/2015 TO 31/03/2016

Amount in Rs.

	PARTICULARS	SCHEDULE	CURRENT YEAR (AS AT 31/03/2016)	PREVIOUS YEAR (AS AT 31/03/2015)
A	INCOME			
	ACADEMIC RECEIPTS	9	4,84,51,083	4,46,86,003
	GRANTS / SUBSIDIES	10	20,22,82,517	22,97,33,822
	LOAN FROM INTERNAL CORPUS	1.2	4,58,88,934	0
	INCOME FROM INVESTMENTS	11	1,32,01,245	1,00,55,569
	INTEREST EARNED	12	23,93,195	14,02,863
	OTHER INCOMES	13	38,81,158	14,26,844
	PRIOR PERIOD INCOME	14	6,40,121	68,323
	TOTAL (A)		31,67,38,253	28,73,73,424
B	EXPENDITURE			
	STAFF PAYMENTS & BENEFITS(ESTABLISHMENT EXPENSES)	15	10,77,71,480	11,37,25,731
	ACADEMIC EXPENSES	16	6,30,85,827	4,63,19,607
	ADMINISTRATIVE AND GENERAL EXPENSES	17	7,04,53,266	6,37,65,296
	TRANSPORTATION EXPENSES	18	30,88,951	34,37,666
	REPAIRS & MAINTENANCE	19	37,59,999	24,66,326
	FINANCE COSTS	20	11,928	19,196
	DEPRECIATION	4	5,37,32,548	7,06,14,487
	OTHER EXPENSES	21	0	0
	PRIOR PERIOD EXPENSES	22	1,04,960	3,66,818
	TOTAL (B)		30,20,08,959	30,07,15,127
	BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE (A-B)		1,47,29,294	(1,33,41,703)
	TRANSFER TO INSTITUTE CAPITAL FUND			
	INTERNAL INCOME	1.2A	6,79,26,681	5,75,71,279
	BUILDING FUND		0	0
	BALANCE BEING SURPLUS (DEFICIT) CARRIED TO GENERAL FUND		6,79,26,681	5,75,71,279
	BALANCE BEING SURPLUS (DEFICIT) CARRIED TO CORPUS FUND		(5,31,97,387)	(7,09,12,982)
	SIGNIFICANT ACCOUNTING POLICIES	23		
	CONTINGENT LIABILITIES AND NOTE TO ACCOUNTS	24		


(Naresh Joshi)
Asst.Registrar (F&A)


(Ram Phal Dwivedi)
Registrar


(Pramod Kumar Jain)
Director



PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, JABALPUR

**RECEIPTS & PAYMENT ACCOUNT
 FOR THE FINANCIAL YEAR 2015-2016**

Amount in Rs.

S.N o.	RECEIPTS	CURRENT YEAR (As at 31/03/2016)	PREVIOUS YEAR (As at 31/03/2015)	S.No.	PAYMENTS	CURRENT YEAR (As at 31/03/2016)	PREVIOUS YEAR (As at 31/03/2015)
I	<u>OPENING BALANCES</u>				<u>EXPENSES</u>		
A)	CASH BALANCE		0	A)	STAFF PAYMENTS & BENEFITS	9,96,54,975	9,33,70,900
B)	BANK BALANCES			B)	ACADEMIC EXPENSES	6,44,39,585	4,76,42,949
	i) CANARA BANK GRANT ACCOUNT, JABALPUR	4,72,765	4,54,407	C)	ADMINISTRATIVE AND GENERAL EXPENSES	6,77,04,613	6,28,68,716
	ii) SBI GRANT ACCOUNT, JABALPUR	5,37,468	24,09,734	D)	TRANSPORTATION EXPENSES	30,88,951	34,37,666
	iii) ALLAHABAD BANK STUDENT FEE A/C, JABALPUR	6,47,92,920	5,14,58,946	E)	REPAIRS & MAINTENANCE	42,15,667	29,48,396
	iv) SBI PROJECT ACCOUNT	6,387	1,00,45,979	F)	FINANCE COSTS	12,426	19,546
	v) SBI (STUDENT FEE A/C)	35,86,383	34,49,343				
	vi) ALLAHABAD BANK GRANT ACCOUNT JABALPUR	17,15,78,320	13,12,90,590		PAYMENTS AGAINST EARMARKED/ENDOWMENT FUNDS	0	0
	vii) Allahabad Project A/C, Jabalpur	1,04,28,886	0	III	PAYMENTS AGAINST SPONSORED PROJECTS/SCHEMES	10,30,87,755	54,01,620
	viii) SUBSIDIARY BANK ACCOUNTS			IV	PAYMENTS AGAINST SPONSORED FELLOWSHIPS AND SCHOLARSHIPS	0	0
	a) HALL 01	52,59,309	24,72,124	A)	CENTRAL SECTOR SCHOLARSHIP	11,64,093	19,17,152
	b) HALL 03	78,01,519	40,29,771	B)	EXTERNAL SCHOLARSHIP	3,07,350	31,700
	c) HALL 04	24,73,772	10,28,900	V	INVESTMENTS AND DEPOSITS MADE		
	d) GYM KHANA	40,49,303	3,28,424	A)	OUT OF EARMARKED/ENDOWMENTS FUNDS	0	0
	e) LIABRARY	2,49,969	1,82,581	B)	OUT OF OWN FUNDS (INVESTMENTS- OTHERS)	0	0
	f) SBI-CPF/New Pension a/c	8,70,455	0	VI	TERM DEPOSITS WITH SCHEDULED BANKS		
II	<u>GRANTS RECEIVED</u>				<u>INVESTMENTS AND DEPOSITS MADE</u>	25,60,40,384	55,36,63,918
A)	FROM GOVT. OF INDIA (MHRD) (PLAN)- GENERAL	11,14,50,000	10,38,01,000		INVESTMENTS AND DEPOSITS MADE (SUBSIDIARY ACCOUNTS)	1,05,00,000	28,00,000
B)	FROM GOVT. OF INDIA (MHRD) (PLAN) - FOR CREATION OF CAPITAL ASSETS	17,00,00,000	48,36,89,000	VII	EXPENDITURE ON FIXED ASSETS & CAPITAL WORK-IN-PROGRESS		
C)	From Govt. of India (MHRD) (PLAN) - For SALARY	7,85,50,000	9,33,57,000	A)	PURCHASE OF FIXED ASSETS EXPENDITURE ON CAPITAL WORK-IN- PROGRESS	3,30,52,052	4,68,80,666
III	<u>ACADEMIC FEE</u>			B)	OTHER PAYMENTS INCLUDING STATUTORY PAYMENTS	37,61,725	1,11,97,536
A)	ACADEMIC FEES	4,53,57,598	5,14,19,827	VIII			
B)	ADVANCE FEES RECEIVED	1,50,04,780	1,12,18,665	A)	ASSOCIATION FEE (OTHER INSTITUTION)	40	240



PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, JABALPUR
RECEIPTS & PAYMENT ACCOUNT

FOR THE FINANCIAL YEAR 2015-2016

Amount in Rs.

S.N o.	RECEIPTS	CURRENT YEAR (As at 31/03/2016)	PREVIOUS YEAR (As at 31/03/2015)	S.No.	PAYMENTS	CURRENT YEAR (As at 31/03/2016)	PREVIOUS YEAR (As at 31/03/2015)
C)	STUDENT CAUTION MONEY	15,90,235	13,52,695	B)	GIS (OTHER INSTITUTES)	7,260	7,560
D)	ALUMNI ASSOCIATION SUB.	3,27,000	2,71,500	C)	GPF (OTHER INSTITUTES)	2,95,548	1,68,000
E)	STUDENT WELFARE FUND	4,36,000	3,62,000	D)	GSLIS	2,77,028	2,28,304
F)	EXCESS DEPOSIT FEE	1,85,22,103	69,42,180	E)	PROFESSIONAL TAX PAID	2,81,676	2,91,520
G)	HALL MANAGEMENT ACCOUNT	57,58,500	50,59,500	F)	WCT PAID	96,893	78,425
H)	STUDENT BENEFIT ACCOUNT	34,08,750	27,98,600	G)	LABOUR WELFARE CESS	48,035	39,212
	RECEIPTS AGAINST			H)	NEW PENSION CONT.	1,51,36,485	1,26,87,080
IV	EARMARKED/ENDOWMENT FUNDS	0	0				
	RECEIPTS AGAINST SPONSORED			I)	TDS PAID	1,04,27,322	1,08,89,750
V	PROJECTS/SCHEMES	10,50,94,849	57,22,164	J)	VAT PAID	9,51,793	14,62,173
	RECEIPTS AGAINST SPONSORED			K)	FLAG DAY CONTRIBUTION	16,400	7,280
VI	FELLOWSHIPS AND SCHOLARSHIPS	0	0	L)	SERVICE TAX	1,57,403	2,87,090
A)	CENTRAL SECTOR SCHOLARSHIP RECEIVED	15,42,840	22,27,497	M)	REFUNDS OF GRANTS		0
B)	EXTERNAL SCHOLARSHIP	4,74,970	31,700	N)	DEPOSITS & ADVANCES		
				O)	CPWD, BHOPAL	11,78,29,675	41,80,00,000
VII	INCOME ON INVESTMENTS FROM			P)	DGS&D	26,31,238	62,95,066
A)	EARMARKED/ENDOWMENT FUNDS	0	0	Q)	ADVANCE TO ROBOCON	1,00,000	1,50,000
B)	OTHER INVESTMENTS	1,32,01,245	1,00,55,569	R)	ADVANCE TO CITY GATE PROJECT		30,000
C)	OTHER INVESTMENTS (SUBSIDIARY ACCOUNTS)	1,41,398	3,28,376	S)	ADVANCE TO AMEC/INWVG WORKSHOP	0	1,00,000
VIII	INTEREST RECEIVED			T)	ADVANCE TO CONIAPS 2014		0
A)	INTEREST RECEIVED (SUBSIDIARY ACCOUNTS)	23,88,375	13,23,109	U)	ADVANCE TO NICSI	54,93,094	0
B)	INTEREST RECEIVED (SUBSIDIARY ACCOUNTS)	4,43,545	3,22,474	V)	SECURITY DEPOSIT	1,53,476	1,12,231
IX	INVESTMENTS ENCASHED	0	0	W)	EMD AND PBG	28,30,469	19,99,437
X	TERM DEPOSITS WITH SCHEDULED BANKS ENCASHED			X)	SECURITY DEPOSIT-MPPKVCL	28,32,000	0
A)	INVESTMENTS AND DEPOSITS MATURED	25,60,40,384	55,36,63,918	Y)	ADVANCE TO DAVP	35,712	0
B)	INVESTMENTS AND DEPOSITS MATURED (SUBSIDIARY ACCOUNTS)	20,00,000	8,00,000	Z)	ADVANCE TO OPTIMIZATION WORKSHOP	1,00,000	0
XI	OTHER INCOME (INCLUDING PRIOR PERIOD INCOME)			AA)	ADVANCE TO TFR1	7,50,000	0
A)	OTHER INCOMES	45,94,368	15,82,100	AB)	ADVANCE TO INNOVATION PROJECT	1,89,000	0
XII	DEPOSITS AND ADVANCES						



PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, JABALPUR
RECEIPTS & PAYMENT ACCOUNT

FOR THE FINANCIAL YEAR 2015-2016

S.N o.	RECEIPTS	CURRENT YEAR (As at 31/03/2016)	PREVIOUS YEAR (As at 31/03/2015)	S.No.	PAYMENTS	CURRENT YEAR (As at 31/03/2016)	PREVIOUS YEAR (As at 31/03/2015)
A)	SECURITY DEPOSIT	1,34,179	1,26,077	XI	OTHER PAYMENT		
B)	EMD AND PBG	51,83,653	21,66,359	A)	HALL MANAGEMENT ACCOUNT	57,25,548	50,46,000
C)	ADVANCE TO CSAB 2013	0	4,40,340	B)	STUDENT BENEFIT ACCOUNT	33,76,650	27,93,550
D)	SECURITY DEPOSIT-MPPKVVCL (CONTRACTORS)	8,63,409	4,73,232	C)	STUDENT CAUTION MONEY	21,04,000	19,56,695
E)	REFUND BY DGS&D	13,10,664	0	D)	EXCESS DEPOSIT FEE PAID	1,10,33,122	67,78,945
F)	RECEIPTS FROM AMECINWSG WORKSHOP	66,243	0	E)	ALUMNI ASSOCIATION SUB.PAID	3,50,750	0
G)	ADVANCE FROM INNOVATION PROJECT	2,89,000	0	F)	STUDENT WELFARE FUND	1,000	0
				G)	INCOME TAX PAID	21,91,684	0
XIII	MISCELLANEOUS RECEIPTS INCLUDING STATUTORY RECEIPTS			H)	ONLINE EXAM VYAPAM	18,000	0
A)	ASSOCIATION FEE (OTHER INSTITUTION)	40	240	IX	CLOSING BALANCES		
B)	GIS (OTHER INSTITUTES)	7,260	7,560	A)	CASH BALANCE	0	0
C)	GPF (OTHER INSTITUTES)	2,71,548	1,68,000	B)	BANK BALANCE		
D)	GSLIS	2,96,596	2,28,065	i)	Canara Bank Grant Account, Jabalpur	4,91,865	4,72,765
E)	PROFESSIONAL TAX	2,81,676	2,91,520	ii)	SBI Grant Account Jabalpur	6,72,578	5,37,468
F)	WCT	96,893	78,425	iii)	SBI Student Fee A/c, Jabalpur	0	35,86,383
G)	LABOUR WELFARE CESS	48,035	39,212	iv)	SBI Project Account	0	6,387
H)	NEW PENSION CONT.	1,42,96,414	1,35,46,533	v)	Allahabad bank (Student Fee A/c)	2,94,76,978	6,47,92,920
I)	TDS RECOVERED	1,04,27,322	1,08,89,750	vi)	Allahabad Bank Current A/c, Jabalpur	24,45,747	17,15,78,320
J)	VAT RECOVERED	9,51,793	14,62,173	vii)	Allahabad Project A/c, Jabalpur	1,49,34,102	1,04,28,886
K)	FLAG DAY CONTRIBUTION	11,150	12,530	viii)	Allahabad Grant Saving A/c, Jabalpur	24,52,63,021	0
L)	SERVICE TAX	1,57,403	2,87,090	ix)	SUBSIDIARY BANK ACCOUNTS		
IX	ANY OTHER RECEIPTS			a)	HALL 01	31,59,810	52,59,309
A)	ONLINE EXAM VYAPAM	18,000	0	b)	HALL 03	76,32,787	78,01,519
				c)	HALL 04	38,47,037	24,73,772
				d)	GYMKHANA	24,55,452	40,49,303
				e)	LIABRARY	2,95,419	2,49,969
				f)	SBI-CPF/New Pension a/c	0	8,70,455
	TOTAL	114,31,45,674	157,36,96,779		TOTAL	114,31,45,674	157,36,96,779

Amount in Rs.

(Naresh Joshi)
Asst.Registrar (F&A)

(Ram Phal Dwivedi)
Registrar

(Pramod Kumar Jain)
Director



Office of the Director General of Audit (Central Receipt)
New Delhi, Branch-Gwalior,IV Floor,Audit Bhavan, Jhansi Road,
Gwalior -474002 (M.P.)

No. Central/AMG-II/SAR/PDPMIITTD/2015-16/D-89

Dated 31-10-2016
Confidential

To,
The Director,
Pt.Dwarka Prasad Mishra
Indian Institute of Information Technology, Design &
Manufacturing, Dumna Road ,PO-Khamaria.
Jabalpur - 482005

Sub- Separate Audit Report on the accounts of Pt. DPM-IITDM, Jabalpur for the year 2015-16.

Sir,

Please find enclosed herewith Separate Audit Report on the accounts of Pt.D.P. Mishra - IITDM, Jabalpur for the year 2015 -16. You are requested to ensure that the audited accounts are adopted by the Board of Governors before placing the same before the Parliament.

2. The date of placement of the above Report on the table of both houses of the Parliament may please be intimated and a copy of the printed material may be provided to the undersigned for information.

Kindly acknowledge receipt.

Encl:- Separate Audit report .
along with Annexure

Your faithfully,

Dy. Director / Central



Separate Audit Report of the Comptroller and Auditor General of India on the accounts of Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing, Jabalpur for the year ended 31 March 2016.

We have audited the attached Balance Sheet of Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IIITDM) Jabalpur as at 31 March 2016, the Income & Expenditure Account and the Receipt & Payment Account for the year ended on that date under Section 20 (1) of the Comptroller and Auditor General's (Duties, Powers & Conditions of Service) Act, 1971. The Audit has been entrusted for the period up to 2018-19. These financial statements are the responsibility of the IIITDM's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects etc. if any, are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining on a test basis evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements.

We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
- (ii) The Balance Sheet, Income & Expenditure Account and the Receipt & Payment Account dealt with by this report have been drawn up in the format prescribed by Ministry of Human Resources Development, Government of India vide order No 29-4/2012-IFD dated 17 April 2015
- (iii) In our opinion, proper books of accounts and other relevant records have been maintained by the institute in so far as it appears from our examination of such books.
- (iv) We further report that:



A. Grant-in-Aid

During the year the Institute received grants in aid of Rs. 36.49 crore. In Addition to the above, it had unspent balance of Rs. 2.36 crore of the previous year. Thus out of available grants of Rs. 38.85 crore, the Institute could utilize an amount of Rs. 36.85 crore leaving a balance of Rs.02.00 crore as unutilized grant as on 31 March 2016

- (v) Subject to our observations in the preceding paragraphs we report that the Balance Sheet, Income & Expenditure Account and the Receipt & Payment dealt with by this report are in agreement with the books of accounts.
- (vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts and subject to the significant matters stated above and other matters mentioned in Annexure to this audit report give a true and fair view in conformity with accounting principles generally accepted in India.
 - (a) In so far as it relates to the Balance Sheet of the state of affairs of the IIITDM, Jabalpur as at 31 March 2016;and
 - (b) In so far as it relates to income & Expenditure Account of the surplus for the ended on that date .

For and behalf of the C& AG of India

Place - New Delhi
Date 31-10-2016


Director General of Audit



Annexure

1. Adequacy of Internal Audit System:

The internal audit was conducted during the year by a Chartered Accountant firm

2. Adequacy of Internal Control System:

The internal control system was found inadequate due to the following :-

- (i) MIS (Management Information System) is not available.
- (ii) Item wise highest and lowest levels of stock have not been fixed and maintained
- (iii) There is no system in vogue to assess the performance of the consultant appointed on contract.

3. System of Physical Verification of Assets :

Physical verification of Fixed assets has been conducted during the year.

4. System of physical Verification of Inventories:

Stock position at the year end was Nil.

5. Regularity in payment of statutory dues :

No irregularity was noticed in the payment of statutory dues.

Sr. Audit Officer AMG-II



RIGHT TO INFORMATION ACT 2005 - REPORT

The Institute paid emphasis on the implementation of Right to Information Act 2005. Institute has been taking initiatives to make the system transparent and trying to upload maximum information on the website suo-moto for the citizens of India. The implementation of RTI Act 2005 is ensured by the officials designated for the purpose, who are as follows:

Shri Rizwan Ahmed Assistant Registrar Central Public Information Officer	Shri R P Dwivedi Registrar First Appellate Authority	Prof. P N Kondekar Professor Transparency Officer
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[Other details are given below:](#)

No. of RTI application received in the Institute	: 73
No. of RTI application replied by the Institute	: 73
No. of first appeals received by the Institute	: 14
No. of decisions passed by the FAA of the Institute	: 14
Amount collected as RTI fee and additional fee	: Rs. 2626/-



**PANDIT DWARKA PRASAD MISHRA
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, JABALPUR**

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