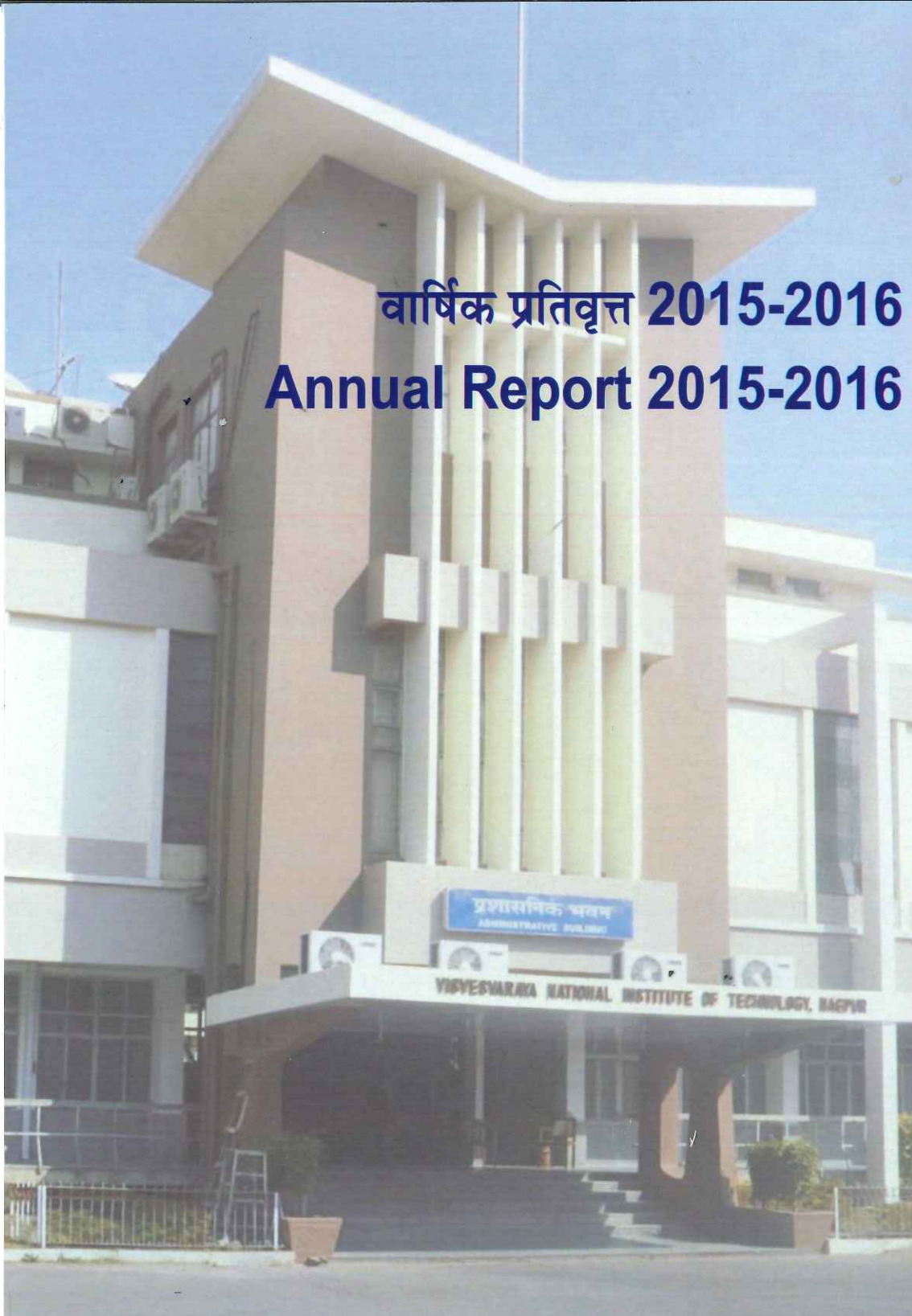


वार्षिक प्रतिवृत्त 2015-2016 Annual Report 2015-2016



विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान,
नागपुर

Visvesvaraya National Institute of
Technology, Nagpur





भारत रत्न
सर मोक्षगुंडम विश्वेश्वरय्या
1860-1962

Vision

To contribute effectively to the national endeavour of producing quality human resource of world class standard by developing a sustainable technical education system to meet the changing technological needs of the Country incorporating relevant social concerns and to build an environment to create and propagate innovative technologies for the economic development of the Nation.

Mission

The mission of VNIT is to achieve high standards of excellence in generating and propagating knowledge in engineering and allied disciplines. VNIT is committed to providing an education that combines rigorous academics with joy of discovery. The Institute encourages its community to engage in a dialogue with society to be able to effectively contribute for the betterment of humankind.

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Prelude

Year 2015-16 has witnessed the widening of horizon, creating significant shift in the narration of Visvesvaraya National Institute of Technology, Nagpur. This is evident from the sudden spurt of enviable activities of all sorts in every sphere in the institute.

The current ranking scenario as adjudged by *NIRF*, *i3RC* Times Engineering survey, *EDU-RAND* rank, digital *LEARNING* India and Outlook magazine endorse the soaring journey of the institute towards distinction. Importantly, National Institutional Ranking Framework (NIRF) MHRD, Government of India has listed VNIT, Nagpur as the "Third Best" among Thirty One NITs in India.

Annual Report 2015-16 is much more than mere compilation of facts and figures formulated for administrative purpose. The vision and passion of role players may perhaps be deciphered from the overview furnished herewith. The unrelenting zeal for academic excellence, research endeavors, social outreach programs as well as expanding National and International connections are the hallmarks of this report.

The faculty and students' fraternity has exhibited their talent not only in the academic pursuits but also through their societal concerns and consortiums. The institute is now committed for comprehensive assertive growth that involves substantial contribution of *VNITians* on a uniform platform towards nation building.



1. INTRODUCTION

The Visvesvaraya National Institute of Technology (VNIT), Nagpur is an Institute of National Importance established by an Act of Parliament, National Institute of Technology Act 2012, No. 28 of 2012 in continuation of Principal Act (29 of 2007). It is located in the heart of Nagpur city on sprawling campus of 214 acres. The official website address of VNIT is www.vnit.ac.in. The Institute enjoys a prestigious position in the country, especially in Central India, and is recognized as a pace-setting institute for other educational institutions in the region. The Institute runs 9 UG and 21 PG courses apart from Ph.D. programs in the area of Engineering, Architecture and Science.

VNIT Nagpur has been ranking third, amongst all thirty one NIT's by National Institutional Ranking Framework (NIRF), MHRD, GOI.

Institute has following ranking in other various ranking surveys 2015:

- i. 11th Best Engineering Institute in i3RC Times Engineering survey (First amongst all NITs).
- ii. 2nd in Western India and 14th Top Engineering College in India as per EDU-RAND rank (First amongst all NITs).
- iii. 3rd in Western India and 25th Top Engineering College in India as per digital LEARNING India.
- iv. 27th Top Engineering College in India as per Outlook magazine.

1.1 Vision and Mission

VNIT believes in achieving its academic, research and social objectives with following Vision and mission statements.

Vision

To contribute effectively to the national endeavour of producing quality human resource of world class standard by developing a sustainable technical education system to meet the changing technological needs of the Country incorporating relevant social concerns and to build an environment to create and propagate innovative technologies for the economic development of the Nation.

Mission

The mission of VNIT is to achieve high standards of excellence in generating and propagating knowledge in engineering and allied disciplines. VNIT is committed to providing an education that combines rigorous academics with joy of discovery. The Institute encourages its community to engage in a dialogue with society to be able to effectively contribute for the betterment of humankind.

1.2 Objectives

With the above vision and mission adopted by the Institute, VNIT has set before itself following objectives:

The national character of the institute aims at contributing effectively to the national endeavor of producing quality human resource of world class standards by developing a sustainable technical education system to meet the changing technological needs of the country, incorporating relevant social concerns and to build an environment to create and propagate innovative technologies for the economic development of the nation.

VNIT is committed to generating and disseminating knowledge and to maintaining the highest standards of excellence. The Institute motivates its staff to work at the frontiers of academic enquiry and to enable the students to reach their full potential in an excellent academic and research environment. The Institute empowers the learning-teaching community to serve the changing needs of the society and nation and contribute effectively to improve the quality of life.

1.3 Education System

Under-graduate (UG) Programs

The Institute offers UG programs in Architecture and 8 Engineering and Technology streams. The duration of UG courses in engineering and technology is 4 years and in Architecture it is 5 years. All the courses are run on semester pattern.

Students having passed 12th standard examination with subjects English, Physics, Chemistry and Mathematics from State Boards of Secondary do Higher Secondary Education or equivalent are eligible for admission to VNIT and other NITs all over India. The admission is done on the basis of the rank obtained by the student in Joint Entrance Exam (JEE) Main conducted by Central Seat Allocation Board (CSAB) under the Ministry of HRD, Govt. of India.

Post -graduate (PG) Programs

The Institute offers 18 PG programs in engineering and architecture and 3 in basic sciences. Graduate Aptitude Test in Engineering (GATE) qualified candidates are admitted to these programs based on the ranks obtained by the Centralized Counseling for M.Tech. (CCMT). Seats reserved for sponsored category are for candidates possessing minimum 2 years of work experience in the relevant field and are filled on the basis of intense merit in the written test/interview conducted by the respective departments of the Institute. Apart from regular intake, Institute offers additional seats M.Tech. programs under TEQIP-II project and sponsored category.

Institute also offers M.Sc. degrees in the areas of Physics, Chemistry and Mathematics. The candidates are admitted on the basis of their scores in the Joint Admission Test (JAM) conducted by IIT for the admission to postgraduate courses. Vacancies, if any, are filled through a test conducted by the Institute.

Doctoral (PhD) Programs

All the Engineering Departments, Science Departments and Architecture Department offer Ph.D. programs. The admission to the respective Ph.D. program is through written tests and interviews conducted by respective departments. The Institute currently has two QIP centers which are recognized for Ph.D. programs.

1.4 New initiatives

A course on entrepreneurship was offered for sixty UG students, The course was conducted by the faculty from industry who are already entrepreneurs and are members of VNIT Alumni association.

Student Mentor Program is running into its third year. A training program for student mentors are conducted to the Tata Institute of Social Studies(TISS). This training program was very useful for student mentors.

VNIT has conducted faculty requirement and twenty two new faculties are selected in the last academic year.

OVERVIEW

The Visvesvaraya National Institute of Technology, Nagpur which is now in its 55th year, has a rich heritage. Since inception, it has remained at the forefront of engineering education in the country. The overview of the institute and the human resources for these activities are presented here.

Historical Background

Visvesvaraya National Institute of Technology, Nagpur is one of the Thirty one National Institutes of Technology in the country. The Govt. of India conferred on the Institute, the Deemed to be University status (under University Grants Commission Act, 1956 (3 of 1956)) with effect from 26th June 2002. Subsequently, the Central Govt. by Act of Parliament (National Institutes of Technology Act, 2007 (29 of 2007)) declared VNIT Nagpur as an Institute of National Importance along with all other NITs. The Act was brought into force from 15th August 2007.

Formerly, the Institute was known as Visvesvaraya Regional College of Engineering (VRCE). It was established in the year 1960 under the scheme sponsored by Govt. of India and Govt. of Maharashtra. The college was started in June 1960 by amalgamating the State Govt. Engineering College functioning at Nagpur since July 1956. In the meeting held in October 1962, the Governing Board of the College resolved to name it after the eminent engineer, planner, and statesman of the country Sir M. Visvesvaraya.

Location

City of Nagpur which is considered as the geographical center of India has the distinction of being home to the Zero Mile Stone Nagpur, known as Orange City is centrally located and well-connected to all the parts of the country by air, rail, and road. It is second capital of Maharashtra.

Campus

VNIT Campus is spread over an area of 214 acres near Ambazari lake. It presents a spectacle of harmony in architecture and natural beauty. The campus has been organized in four functional sectors;

- i. Hostels for students
- ii. Academic area consisting of various central facilities
- iii. Residential Sector for faculty members and supporting staff
- iv. Sports Complex and Ground

The academic buildings are located fairly close to both, the hostels and the staff quarters. The campus has full-fledged branches of State Bank of India and Canara Bank with ATM facility and Post Office.

The Institute has its own Health Center with residential Medical Officer. The specialized services of a Psychological Counselor, Dietician, Physiotherapist, Pathology lab, Yoga Centre, and also medical consultants in Ayurveda and Homeopathy are available. Patients suffering from serious illness requiring intensive care are referred to the Govt. Medical College and Hospital and health care centers duly approved under the CGHS.

An adequately equipped canteen is close to the instruction zone and hostels. Two more cafeterias exist on the campus. The Institute has a well equipped Gymkhana apart from various playgrounds for Tennis, Badminton, Volley Ball, Foot Ball, Hockey and Cricket. NCC unit is also located on campus.

Administration

As per the provisions of the NIT Act, the Board of Governors (BoG) is responsible for superintendence, direction, and control of the Institute. Thus, the BoG is vested with full powers over the affairs of administration/management and finances of the institute. Members of the Board represent Govt. of India, Govt. of Maharashtra, Industries, and faculty of the Institute. The Director is the principal academic and executive officer of the Institute. Besides the Board of Governors, Senate, Finance Committee and Building and Works Committee are Statutory Committees and therefore, authorities of the Institute.

Apart from these committees, the BoG has the power to constitute various sub-committees for smooth and efficient administration. Thus, the Board has constituted the Stores Purchase Committee (SPC), Grievance Committee (GC) and Special Cell. The SPC administers the centralized procurement of equipment and material whereas the GC provides a mechanism for redressal of grievances of staff and faculty. The Special Cell functions to protect the interest of backward-class candidates through procedural, institutional and other safeguards.

The Institute has a Women Cell and a CVO for maintaining the various activities.

Academic Programs

The institute offers Undergraduate programs, Post Graduate and Doctoral research programme in Engineering, Architecture and Sciences disciplines. There are nine Under Graduate programs consisting of eight B.Tech. and One B.Arch. program. The B.Tech. programs offer B.Tech. degree in Chemical, Civil, Computer Science, Electrical and Electronics, Electronics and Communication, Mechanical, Metallurgical and Materials and Mining. A total of eighteen Post Graduate courses offering M.Tech. degree and 3 Post Graduate programs offering M.Sc. degree are conducted. All the Engineering, Architecture as well as Applied Science Departments (Physics, Chemistry and Mathematics Departments) also offer Doctoral Research programs.

Courses Offered

The list of the academic programs offered by the institute for the current year is as given below.

S N	Program	Department offering the program
(a)	Under Graduate	
	B Tech	
1	Chemical Engineering	Chemical Engineering
2	Civil Engineering	Civil Engineering
3	Computer Science Engineering	Computer Science Engineering
4	Electronics & Communication Engineering	Electronics Engineering
5	Electrical & Electronics Engineering	Electrical Engineering
6	Mechanical Engineering	Mechanical Engineering
7	Metallurgical & Materials Engineering	Metallurgical & Materials Engineering
8	Mining Engineering	Mining Engineering
	B Arch	
9	Architecture	Architecture
(b)	Post Graduate	
	M Tech	
1	Structural Dynamics and Earthquake Engineering	Applied Mechanics
2	Structural Engineering	Applied Mechanics
3	Urban Planning	Architecture
4	Chemical Engineering	Chemical Engineering

5	Environmental Engineering	Civil Engineering
6	Water Resources Engineering	Civil Engineering
7	Construction Technology & Management	Civil Engineering
8	Transportation Engineering	Civil Engineering
9	Computer Science Engineering	Computer Science Engineering
10	VLSI Design	Centre for VLSI and Nano Technology
11	Communication System Engineering	Electronics Engineering
12	Integrated Power System	Electrical Engineering
13	Power Electronics & Drives	Electrical Engineering
14	Industrial Engineering	Mechanical Engineering
15	Heat Power Engineering	Mechanical Engineering
16	CAD-CAM	Mechanical Engineering
17	Material Engineering	Metallurgical & Materials Engineering
18	Excavation Engineering	Mining Engineering
	M Sc	
1	Physics	Applied Physics
2	Chemistry	Applied Chemistry
3	Mathematics	Applied Mathematics

(C) Ph.D. (Full Time/PartTime)

Ph.D. Program is offered in all Engineering, Applied Sciences, Architecture and Humanities and Social Science departments. Ph.D. under QIP scheme is offered by Electrical Engineering Department and Department of Metallurgy and Materials.

Admission Procedure

VNIT Nagpur follows the admission procedure for various programs as per the MHRD norms. This procedure is mentioned below:

Under Graduate Programs: B.Tech/B.Arch.

UG program seats are filled by JEE qualified candidates through centralized admission process conducted by the committee constituted by Govt. of India, Ministry of HRD. Reservation of seats is as per Govt. of India rules. In the year 2015-16, the centralized admission process was coordinated by MHRD constituted Central Seat Allocation Board (CSAB) HQ at NIT, Patna.

Post Graduate Programs: M Tech / M Sc

M.Tech. program seats are filled by GATE qualified candidates. In the year 2015-16, the seat allocation was done through Central Counseling for M Tech (CCMT) constituted by Govt. of India, Ministry of HRD HQ at NIT Rourkela. Reservation of seats is as per Govt. of India rules.

M.Sc. program seats were filled by JAM qualified candidates. In the year 2015-16, the seat allocation was done through Centralized Counseling for M Sc (CCMN) constituted by Govt. of India, Ministry of HRD HQ at NIT Rourkela. Reservation of seats is as per Govt. of India rules.

Ph.D. (Full Time) Program

There is no seats intake in Ph.D. program. Admission is given through institute advertisement. Candidates are selected thorough written test and interview conducted of short listed at the respective department. Candidate of full time Ph.D. program are given teaching assistance ship as per norms. Candidate is required to undergo coursework as recommended by the department. Minimum duration for submission of thesis is 3 years for Ph. D. (Full Time) program. Institute also gives admission to candidates nominated under QIP scheme.

**Summary Table
Departments at Glance**

S N	Name of Department	Journal Papers	Conference Papers	Patents		Consultancy (In Lakhs)	Seminar Organized	Books Authored	R & D Projects (In Lakhs)
				Filed	Issued				
1.	Applied Mechanics	11	15	--	--	27.73	01	--	7.04
2.	Architecture & Planning	12	05	--	--	132.3	04	02	73.01
3.	Applied Chemistry	26	01	01	--	--	01	03	137.97
4.	Chemical Engg..	52	24	02	02	3.85	19	--	213.49
5.	Civil Engg.	55	39	05	--	61.26	08	01	255.64
6.	Computer Science & Engg.	15	07		--	14.27	05	--	655.08
7.	Electrical Engg.	22	29	02	--	--	05	--	138.75
8.	Electronics and Communication Engg.	28	29	--	--	6.71	02	--	521.95
9.	VLSI & Nanotechnology	08	11	--	--	--	01	--	498.00
10.	Humanities and Social Sciences	05	02	--	--	--	03	--	--
11.	Applied Mathematics	23	01	--	--	0.57	02	--	56.45
12.	Mechanical Engg.	44	39	04	--	4.12	11	01	1767.61
13.	Metallurgical & Materials Engg.	37	18	--	01	6.00	01	--	246.20
14.	Mining Engg.	06	03	--	--	42.78	01	01	109.25
15.	Applied Physics	17	01	--	--	--	01	--	137.07
	Total	361	224	14	03	299.59	65	08	4817.51



BoG, Senate & Various Committees

2.1 BOARD OF GOVERNORS

S. N.	NAME	DESIGNATION
1.	Shri Vishram Jamdar Industrialist, Kinetic Gears E-19/1, MIDC Area, Hingna Road, NAGPUR – 440 028	Chairman
2.	Shri S.P. Goyal Joint Secretary, Department of Higher Education, Ministry of HRD, Govt. of India, "C" Wing, Shastri Bhavan, NEW DELHI – 110 115	Member
3.	Jt. Secretary & Financial Adviser (HRD), Ministry of HRD, Deptt. of Higher Education (IFD), 118 -C, Shastri Bhawan, NEW DELHI-110 115	Member
4.	Shri Sanjeev Sharma Director NITs, MHRD, NEW DELHI – 110 115	Member
5.	Shri Rajesh Singh Director, Deptt. of Higher Education (IFD), 118 -C, Shastri Bhawan, NEW DELHI – 110 115	Member
6.	Prof. (Ms.) Joyashree Roy Professor, Department of Economics, Jadavpur University, Kolkata, 11, Central Park, KOLKATA – 700 032	Member
7.	Prof. S. C. Sahasrabudhe Director, Dhirubhai Ambani Institute of Information & Communication Technology, Gandhinagar, Near Indroda Circle, GANDHINAGAR – 382 007	Member
8.	Prof. Uday N. Gaitonde Deptt. of Mechanical Engineering, Indian Institute of Technology, Powai, MUMBAI – 400 076	Member
9.	Dr. Laxmikant M. Gupta Professor, Department of Applied Mechanics., VNIT, NAGPUR	Member
10.	Dr. J.D. Ekhe Associate Professor, Department of Chemistry, VNIT, NAGPUR.	Member
11.	Dr. Narendra S. Chaudhari Director, VNIT, NAGPUR	Member
12.	Dr. Rajendra R. Yerpude Registrar, VNIT, NAGPUR	Member-Secretary



VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

DIRECTOR



Dr. Narendra S. Chaudhari

REGISTRAR



Dr. R.R. Yerpude

DEANS



Dr. O.R. Jaiswal
Dean (Academic)



Dr. P.M. Padole
Dean (Faculty Welfare)



Dr. H.M. Suryawanshi
Dean (Research & Consultance)



Dr. S.R. Sathe
Dean (Planning & Development)



Dr. G.P. Singh
Dean (Student Welfare)

ASSOCIATE DEANS



Dr. P.S. Kulkarni
(Exam)



Dr. V.B. Borghate
(Procurement & Store)



Dr. J.D. Ekhe
(Student Activities)



Dr. S. S. Bhat
(Industry Institute Interaction)



Dr. M.R. Ramteke
(Electrical Work)



Dr. Atul Andhare
(Training & Placement)



Dr. Anupama Kumar
(Public Relation)



Dr. Kulat
(Edu. Tech & Library)



Dr. U.A. Deshpande
(IT, MIS, Network and Website)



Dr. D.H. Lataye
(Hostel Affairs)



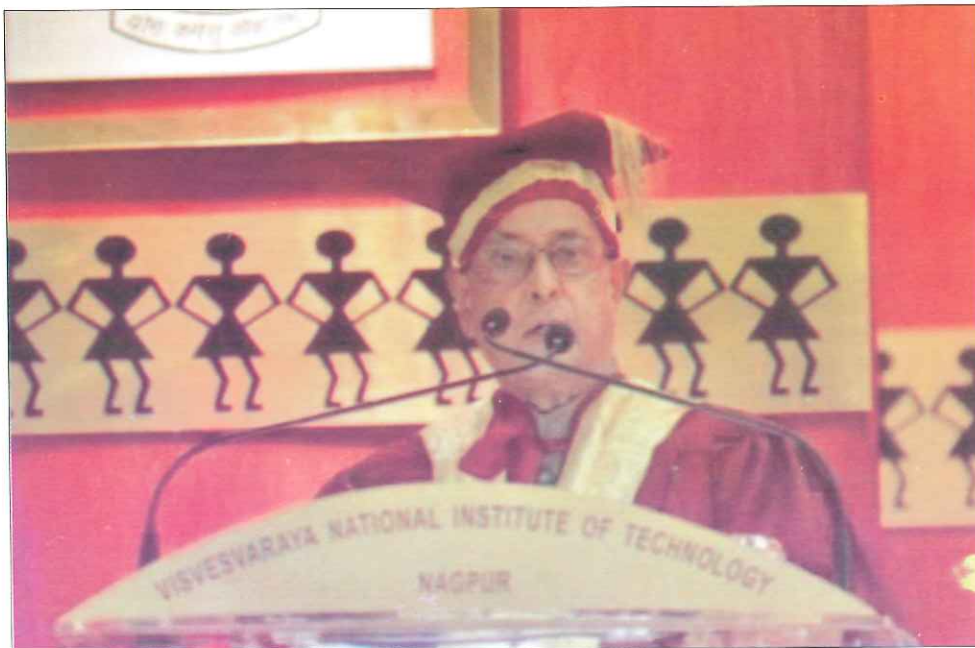
Dr. R.S. Sonparote
(Civil Work)



Prof. K.M. Bhurchandi
(International Affairs)

VNIT Administration 2015-16

13th CONVOCATION
15th September, 2015



13th CONVOCATION
15th September, 2015



2.2. FINANCE COMMITTEE

S. N.	NAME	DESIGNATION
1.	Shri Vishram Jamdar Industrialist, Kinetic Gears E-19/1, MIDC Area, Hingna Road, NAGPUR – 440 028	Chairman
2.	Shri S.P.Goyal Joint Secretary, Department of Higher Education, Ministry of HRD, Govt. of India, "C" Wing, Shastri Bhavan, NEW DELHI – 110 115	Member
3.	Jt. Secretary & Financial Adviser (HRD), Ministry of HRD, Deptt. of Higher Education (IFD), 118 -C, Shastri Bhawan, NEW DELHI – 110 115	Member
4.	Shri Sanjeev Sharma Director NITs, MHRD, NEW DELHI – 110 115	Member
5.	Shri Rajesh Singh Director, Deptt. of Higher Education (IFD), 118 -C, Shastri Bhawan, NEW DELHI – 110 115	Member
6.	Prof. S. C. Sahasrabudhe Director, Dhirubhai Ambani Institute of Information & Communication Technology, Gandhinagar, Near Indroda Circle, GANDHINAGAR – 382 007	Member
7.	Prof. Uday N. Gaitonde Deptt. of Mechanical Engineering, Indian Institute of Technology, Powai, MUMBAI – 400 076	Member
8.	Dr. Narendra S. Chaudhari Director, VNIT, NAGPUR	Member
9.	Dr. Rajendra R. Yerpude Registrar, VNIT, NAGPUR	Member-Secretary

2.3 BUILDING AND WORKS COMMITTEE

S. N.	NAME	DESIGNATION
1.	Dr. Narendra S. Chaudhari Director, VNIT, Nagpur	Chairman
2.	Addl. Secretary (HRD), Ministry of HRD, Deptt. of Higher Education (IFD), 118 -C, Shastri Bhawan, NEW DELHI – 110 115	Member
3.	Shri Sanjeev Sharma Director NITs,MHRD, NEW DELHI – 110 115	Member
4.	Shri Rajesh Singh Director, Deptt. of Higher Education (IFD), 118 -C, Shastri Bhawan,NEW DELHI – 110 115	Member
5.	Prof. S. C. Sahastrabudhe Director, Dhirubhai Ambani Institute of Information & Communication Technology, Gandhinagar, Near Indroda Circle, GANDHINAGAR – 382 007	Member
6.	Dr. S. R. Sathe Dean (P&D), VNIT, Nagpur	Member
7.	Chief Engineer, (Civil) Public Works Department (PWD) Bandhkam Sankul, B.No.39/I, Civil Lines, NAGPUR – 440001	Member
8.	Supdt. Engineer (Electrical) Public Works Department, Bandhkam Sankul, B.No.39/I, Civil Lines, NAGPUR – 440001	Member
9.	Dr. R. R. Yerpude Registrar, VNIT, Nagpur	Member-Secretary

2.4 SENATE MEMBERS

S. N.	NAME	DESIGNATION
1	Dr. Narendra S. Chaudhari Director, VNIT, Nagpur	Chairman
2	Prof. Milind Atrey, Professor and In-charge SINE, Department of Mechanical Engineering, IIT Bombay, Powai, Mumbai – 400076	Member
3	Dr. (Ms.) Kamal Singh Former Vice -Chancellor of Amravati University, Nelco Society, Nagpur.	Member
4	Prof. Meenakshi Gupta, Department of Humanities and Social Science, IIT Bombay, Powai, Mumbai – 400076	Member
5	Dr. P. M. Padole Dean (Faculty Welfare), VNIT, Nagpur.	Member
6	Prof. O. R. Jaiswal Dean (Academics), VNIT, Nagpur.	Member
7	Dr. S. R. Sathe Dean (Planning & Development), VNIT, Nagpur.	Member
8	Dr. Animesh Chatterjee , Dean (Research & Consultancy), VNIT, Nagpur.	Member
9	Dr. G. P. Singh Dean (Students Welfare), VNIT, Nagpur.	Member
10	Dr. R. K. Ingle Head, Dept. of Applied Mechanics, VNIT, Nagpur.	Member
11	Dr. V. K. Deshpande Head, Dept. of Applied Physics, VNIT, Nagpur.	Member
12	Dr. (Mrs.) Rajashree Kotharkar, Head, Dept. of Architecture, VNIT, Nagpur.	Member
13	Dr. S. S. Umare Head, Dept. of Chemistry, VNIT, Nagpur.	Member
14	Dr. K. L. Wasewar Head, Dept. of Chemical Engg., VNIT, Nagpur .	Member
15	Dr. P. S. Deshpande Head, Dept. of Computer Sc. & Engg., VNIT, Nagpur.	Member
16	Dr. A. R. Tembhurkar Head, Dept. of Civil Engg., VNIT, Nagpur.	Member
17	Dr. Rajendra M. Patrikar Head, Centre of VLSI and Nano Technology, VNIT, Nagpur .	Member
18	Dr. Abhay S. Gandhi Head, Dept. of Electronics Engineering, VNIT, Nagpur.	Member
19	Dr. Yogesh M. Deshpande Professor, Dept. of Humanities, VNIT, Nagpur.	Member
20	Dr.(Ms.)M. Ghosal HOD, Dept. of Humanities, VNIT, Nagpur.	Member

S. N.	NAME	DESIGNATION
21	Dr. A. M. Kuthe Head, Dept. of Mechanical Engg., VNIT, Nagpur.	Member
22	Dr. S. R. Bhide Head, Dept. of Electrical Engg., VNIT, Nagpur.	Member
23	Dr. Dilip R. Peshwe Head, Dept. of Metallurgical & Materials Engg., VNIT, Nagpur.	Member
24	Dr. I. L. Muthreja Head, Dept. of Mining Engg., VNIT, Nagpur.	Member
25	Dr. P. P. Chakravarthy Head, Dept. of Mathematics, VNIT, Nagpur.	Member
26	Dr. V. A. Mhaisalkar Professor of Civil Engineering, VNIT, Nagpur.	Member
27	Dr. L. M. Gupta Professor of Applied Mechanics, VNIT, Nagpur.	Member
28	Dr. Avinash G. Keskar Professor of Electronics Engg., VNIT, Nagpur.	Member
29	Dr. (Mrs.) Alpana Dongre Professor of Architecture, VNIT, Nagpur.	Member
30	Dr. M. V. Aware Professor of Electrical Engg., VNIT, Nagpur.	Member
31	Dr. R. B. Deshmukh Professor, Centre of VLSI and Nano Technology, VNIT, Nagpur.	Member
32	Dr. G. N. Ronghe Professor of Applied Mechanics, VNIT, Nagpur.	Member
33	Dr. M. M. Mahajan Professor of Applied Mechanics, VNIT, Nagpur.	Member
34	Dr. N. R. Thote Professor of Mining Engg., VNIT, Nagpur.	Member
35	Dr. V. S. Adane Professor of Architecture, VNIT, Nagpur.	Member
36	Dr. Kishore M. Bhurchundi Professor of Electronics Engg., VNIT, Nagpur.	Member
37	Dr. Shashikant B. Thombre Professor of Mechanical Engg., VNIT, Nagpur.	Member
38	Dr. H M Suryawanshi Professor of Electrical Engg., VNIT, Nagpur.	Member
39	Dr. Rajesh Gupta Professor of Civil Engg., VNIT, Nagpur.	Member
40	Dr. S. G. Sapate Professor of Metallurgical & Materials Engg., VNIT, Nagpur.	Member
41	Dr. Y. B. Katpatal Professor of Civil Engg., VNIT, Nagpur.	Member
42	Dr. A. P. Patil Professor of Metallurgical & Materials Engg., VNIT, Nagpur.	Member
43	Dr. K. D. Kulat Associate Dean, Educ. Tech & Library, VNIT, Nagpur.	Member

S. N.	NAME	DESIGNATION
44	Dr. U. A. Deshpande Associate Dean, MIS Network & Website, VNIT, Nagpur.	Member
45	Dr. M. R. Ramteke Associate Dean, Electrical Works, VNIT, Nagpur.	Member
46	Dr. V. B. Borghate Associate Dean, Procurement and Stores, VNIT, Nagpur.	Member
47	Dr. P. S. Kulkarni Associate Dean, Exams, VNIT, Nagpur.	Member
48	Dr. R. S. Sonparote Associate Dean, Civil Works, VNIT, Nagpur.	Member
49	Dr. A. B. Andhare Associate Dean T&P, VNIT, Nagpur.	Member
50	Dr. J. D. Ekhe Associate Dean Students Activities & Sports, VNIT, Nagpur.	Member
51	Dr. D. H. Lataye Associate Dean, Hostel Affairs, VNIT, Nagpur.	Member
52	Dr. Anupama Kumar Associate Dean, Public Relations, VNIT, Nagpur.	Member
53	Dr. S. S. Bhat Associate Dean, III Cell & Alumni Activities, VNIT, Nagpur.	Member
54	Dr. Rajendra R. Yerpude, Registrar, VNIT, Nagpur.	Member-Secretary

Student Representatives

1	Anubhav Paras	UG Acad Affair Secretary
2	Pratyush Motwani	PG Acad Affair Secretary

2.5 NIT COUNCIL UNDER THE CHAIRPERSONSHIP OF HON'BLE HRM

S.N.	NAME & DESIGNATION
1.	SHRI VINAY SHEEL OBEROI , Secretary (Higher Education) Ministry of Human Resource Development Vice - Chairman, Council of NITs
2.	SHRI R. SUBRAHMANYAM , Additional Secretary (TE) Department of Higher Education, Ministry of Human Resource Development Member - Secretary, Council of NITs
3.	SHRI SANJAY DHOTRE , Member of Parliament, Lok Sabha
4.	PROF. ANIL DATTATRAYA SAHASRABUDHE , Chairman All India Council for Technical Education, New Delhi
5.	PROF. D.B. PHATAK , Chairperson, Board of Governors National Institute of Technology, Agartala

S.N.	NAME & DESIGNATION
6.	DR. VIJAY THADANI , Chairperson, Board of Governors Motilal Nehru National Institute of Technology, Allahabad
7.	PROF. (MRS.) GEETHA BALI , Chairperson, Board of Governors Maulana Azad National Institute of Technology, Bhopal
8.	PROF. AMLENDU BHATTACHARYYA , Chairperson, Board of Governors National Institute of Technology, Durgapur
9.	SHRI VISHRAM JAMDAR , Chairperson, Board of Governors Visvesvaraya National Institute of Technology, Nagpur
10.	DR. M.J. ZARABI , Chairperson, Board of Governors National Institute of Technology, Srinagar
11.	MRS. KUMUD SRINIVASAN , Chairperson, Board of Governors National Institute of Technology, Tiruchirappalli
12.	DR. GAGAN PRATHAP , Chairperson, Board of Governors National Institute of Technology, Arunachal Pradesh
13.	SHRI R. SANTHANAM , Chairperson, Board of Governors National Institute of Technology, Delhi
14.	PROF. D.K. BASU , Chairperson, Board of Governors National Institute of Technology, Meghalaya
15.	DR. GOPAL MUGERAYA , Director National Institute of Technology, Agartala
16.	PROF. PARTHASARTHI CHAKRABORTI , Director Motilal Nehru National Institute of Technology, Allahabad
17.	DR. SIVAJI CHAKRAVORTI , Director National Institute of Technology, Calicut
18.	PROF. TARKESHWAR KUMAR , Director National Institute of Technology, Durgapur
19.	Director, NIT - Hamirpur represented by Dr. A.S. Singha , Registrar, NIT Hamirpur
20.	PROF. I.K. BHAT , Director Malaviya National Institute of Technology, Jaipur And Director (I/C), Dr. B.R. Ambedkar NIT, Jalandhar
21.	PROF. RAMBABUKODALI , Director National Institute of Technology, Jamshedpur
22.	DR. ANAND MOHAN , Director National Institute of Technology, Kurukshetra
23.	DR. N.S. CHAUDHARI , Director Visvesvaraya National Institute of Technology, Nagpur
24.	PROF. ASOK DE , Director National Institute of Technology, Patna
25.	DR. SUDARSHAN TIWARI , Director National Institute of Technology, Raipur
26.	PROF. SUNIL KUMAR SARANGI , Director National Institute of Technology, Rourkela
27.	DR. N.V. DESHPANDE , Director National Institute of Technology, Silchar
28.	PROF. RAJAT GUPTA , Director National Institute of Technology, Srinagar
29.	Director, SVNIT - Surat represented by Prof. D-C. Jinwala, Dean (R&C), SVNIT Surat

S.N.	NAME & DESIGNATION
30.	PROF. SVVAPAN BHATTACHARYA, Director National Institute of Technology Karnataka, Surathkal
31.	DR. S. SUNDARRAJAN, Director National Institute of Technology, Tiruchirappalli
32.	PROF. T. SRINIVASA RAO, Director National Institute of Technology, Warangal
33.	DR. C.T. BHUNIA, Director National Institute of Technology, Arunachal Pradesh
34.	DR. AJAY K. SHARIMA, Director National Institute of Technology, Delhi
35.	DR. G.R.C. REDDY, Director National Institute of Technology, Goa
36.	DR. S. BIRENDRA SINGH, Director National Institute of Technology, Manipur
37.	PROF. DILIP KUIVIAR SAIKIA, Director National Institute of Technology, Meghalaya
38.	PROF. U.C. RAY, Director National Institute of Technology, Mizoram
39.	DR. V. RAIVIACHANDRAN, Director National Institute of Technology, Nagaland
40.	DR. (MRS.) S.K. PANDEY, Director National Institute of Technology, Puducherry
41.	DR. A.B. SAMADDAR, Director National Institute of Technology, Sikkim
42.	PROF. H.T. THORAT, Director National Institute of Technology, Uttarakhand
43.	PROF. T.V. RANIAKRISHNAN, Chairperson, Board of Governors Indian Institute Science Education and Research, Pune
44.	PROF. R.N. MUKHERJEE, Director Indian Institute Science Education and Research, Kolkata
45.	PROF. K.N. GANESH, Director Indian Institute Science Education and Research, Pune
46.	PROF. N. SATHYAMURTHY, Director Indian Institute Science Education and Research, Mohali
47.	PROF. VINOD KUMAR SINGH, Director Indian Institute Science Education and Research, Bhopal
48.	PROF. V. RAMAKRISHNAN, Director Indian Institute Science Education and Research, Thiruvananthapuram
49.	PROF. AJOY KUMAR RAY, Director Indian Institute Engineering Science and Technology, Shibpur

2.6 STORES PURCHASE COMMITTEE

S. N.	NAME	DESIGNATION
1	Dr. S. R. Sathe	Chairman & Dean (P&D)
2	Dr. H. M. Suryawanshi	Dean (R&C)
3	Dr. R. R. Yerpude	Registrar
4	Dr. V. B. Borghate	Associate Dean Stores & (Purchases)
5	Dr. S. B. Thombre	Professor, Mechanical Engg.
6	Shri. V. K. Sinha	Director, NPTI
7	Shri. K. N. Dakhale	Dy. Registrar (Stores)

2.7 GRIEVANCE COMMITTEE

S. N.	NAME	DESIGNATION
1	Dr. G. N. Ronghe Professor in Structural Engg, Department of Applied Mechanics	Chairman
2	Dr. Anjan Patel Assistant Professor, Department of Civil Engg.	Member
3	Shri. Ashok Thakur Sr. Assistant, (President, Non -Teaching employees Union)	Member-(Ex-Officio)
4	Nominee of the Director NEERI, Nagpur	Member
5	Prof. V. S. Kapse Associate Professor Department of Architecture and Planning	Member (Ex -Officio)
6	Dr. N. R. Thote Professor, Department of Mining Engg.	Member-Secretary



Academic Programs

3. ACADEMIC PROGRAMS

3.1 Academic Programs

The institute offers Undergraduate Programs, Post Graduate and Doctoral Research Programs in Engineering, Architecture and Sciences discipline. The Under-Graduate i.e. 8 B. Tech. and B.Arch. programs, Post Graduate i.e. 18 M.Tech. and 3 M.Sc. programs and Doctoral research programs are offered.

3.2 Programs offered

S N	Program	Department offering the program
(a)	Under Graduate	
	B Tech	
1	Chemical Engineering	Chemical Engineering
2	Civil Engineering	Civil Engineering
3	Computer Science Engineering	Computer Science Engineering
4	Electronics & Communication Engineering	Electronics Engineering
5	Electrical & Electronics Engineering	Electrical Engineering
6	Mechanical Engineering	Mechanical Engineering
7	Metallurgical & Materials Engineering	Metallurgical & Materials Engineering
8	Mining Engineering	Mining Engineering
	B Arch	
9	Architecture	Architecture
(b)	Post Graduate	
	M Tech	
1	Environmental Engineering	Civil Engineering
2	Water Resources Engineering	Civil Engineering
3	Construction Technology & Management	Civil Engineering
4	Transportation Engineering	Civil Engineering
5	VLSI Design	Centre for VLSI and Nano Technology
6	Communication System Engineering	Electronics Engineering
7	Computer Science Engineering	Computer Science Engineering
8	Industrial Engineering	Mechanical Engineering
9	Heat Power Engineering	Mechanical Engineering
10	CAD-CAM	Mechanical Engineering
11	Integrated Power System	Electrical Engineering
12	Power Electronics & Drives	Electrical Engineering
13	Material Engineering	Metallurgical & Materials Engineering
14	Structural Dynamics and Earthquake Engineering	Applied Mechanics
15	Structural Engineering	Applied Mechanics
16	Urban Planning	Architecture
17	Excavation Engineering	Mining Engineering
18	Chemical Engineering	Chemical Engineering
(c)	M.Sc.	
1	Physics	Applied Physics
2	Chemistry	Applied Chemistry
3	Mathematics	Applied Mathematics
(d)	Ph. D. (Full / Part Time)	All Engineering, Applied Sciences and Humanities department

3.3 Admission Procedure

Under Graduate Programs: B.Tech./B.Arch.

UG program seats are filled by JEE qualified candidates through centralized admission process conducted by the committee constituted by Govt. of India, Ministry of HRD. In the year 2015-16, the centralized admission process was coordinated by MHRD constituted Central Seat Allocation Board (CSAB) HQ at NIT, Patna. Reservation of seats is as per Govt. of India rules.

Post Graduate Programs: M.Tech./M.Sc.

M.Tech. program seats are filled by GATE qualified candidates. In the year 2015-16, the seat allocation was done through Central Counseling for M.Tech. (CCMT) constituted by Govt. of India, Ministry of HRD HQ at NIT Rourkela. Reservation of seats is as per Govt. of India rules.

M.Sc. program seats were filled by JAM qualified candidates. In the year 2015-16, the seat allocation was done through Centralized Counseling for M.Sc. (CCMN) constituted by Govt. of India, Ministry of HRD HQ at NIT Rourkela. Reservation of seats is as per Govt. of India rules.

Ph.D. Program

There is no seats intake in Ph.D. program. Admission is given through institute advertisement. Candidates are selected through written test and interview conducted of short listed at the respective department. Candidate of full time Ph.D. program are given teaching assistanceship as per norms. Candidate is required to undergo course work as recommended by the department. Minimum duration for submission of thesis is 3 years for Ph.D. (Full Time) program. Institute also gives admission to candidates nominated under QIP scheme.

3.4 Students

In the year 2015-16, 748 students (528 Male and 220 Female) were admitted in B.Tech./B.Arch. programs, 346 (265 Male and 81 Female) in M.Tech. programs, 44 (28 Male & 16 Female) in M.Sc. programs, 144 (106 Male and 38 Female) in Ph.D. program.

3.5 Examination & Evaluation

All UG and PG programs are run on semester basis. Students are required to register courses every semester examination. Courses are categorized as core, elective open and humanities courses. Course evaluation mainly includes Two sessional tests, End-semester examination and any other assessment. Course evaluation for laboratory courses is done on continuous basis through quizzes, assignments, seminars etc. Evaluation pattern is relative credit point based grading system on a ten-point scale and grades are awarded on assessment. There is no provision for improvement of grade by re-registering in the course. Students are required to re-register into course/s in which he /she obtain FF (fail grade) in the subsequent semester. Student performance is indicated by CGPA (Cumulative Grade Point Average) and is not awarded any division/percentage. Student is eligible for the award of degree after completion of various requirements set by the institute in terms of credits, CGPA, and type of courses completed.

Academic rule book is made available to all the students and is available on the website of the institute. Academic Peer Review of each academic program is being done with the help of faculty members of IITs, IISc, SPA etc. The suggestions received under this review program are implemented through respective

Board of studies. Formal accreditation of various academic programs is being done with National Board of Accreditation (NBA). Five B.Tech and Five M.Tech program are already accredited.

3.6 Duration of Programs

S N	Program	Duration
(a)	B.Arch./B.Tech.	
1	Architecture	5 years (10 semesters)
2	Chemical Engineering	4 years (8 semesters)
3	Civil Engineering	””
4	Computer Science Engineering	””
5	Electronics & Communication Engineering	””
6	Electrical & Electronics Engineering	””
7	Mechanical Engineering	””
8	Metallurgical & Materials Engineering	””
9	Mining Engineering	””
(b)	M.Tech.	2 years (4 semesters)
1	Environmental Engineering	””
2	Water Resources Engineering	””
3	Construction Technology & Management	””
4	Transportation Engineering	””
5	VLSI Design	””
6	Communication System Engineering	””
7	Computer Science Engineering	””
8	Industrial Engineering	””
9	Heat Power Engineering	””
10	CAD-CAM	””
11	Integrated Power System	””
12	Power Electronics & Drives	””
13	Material Engineering	””
14	Structural Dynamics and Earthquake Engineering	””
15	Structural Engineering	””
16	Urban Planning	””
17	Excavation Engineering	””
18	Chemical Engineering	””
(c)	M.Sc.	
1	M.Sc.Chemistry	””
2	M.Sc. Mathematics	””
3	M.Sc.Physics	””
(d)	Ph. D. (Full time)	3 years

3.7 Program-wise Enrolment

3.7 (A) As per Gender

B.Arch./B.Tech. Programs				
SN	Program Code	Male	Female	Total
1	Architecture	168	145	313
2	Chemical Engineering	251	101	352
3	Civil Engineering	291	91	382
4	Computer Science Engineering	246	140	386
5	Electronics and Communication Engineering	213	175	388
6	Electrical and Electronics Engineering	255	125	380
7	Mechanical Engineering	376	15	391
8	Metallurgical and Materials Engineering	253	90	343
9	Mining Engineering	141	5	146
	Total (A)	2194	887	3081
M.Tech. Programs				
1	Environmental Engineering	31	16	47
2	Water Resources Engineering	20	13	33
3	Construction Technology & Management	35	3	38
4	Transportation Engineering	29	9	38
5	VLSI Design	34	12	46
6	Communication System Engineering	27	18	45
7	Computer Science Engineering	22	24	46
8	Industrial Engineering	41	4	45
9	Heat Power Engineering	41	1	42
10	CAD-CAM	43	3	46
11	Integrated Power System	32	12	44
12	Power Electronics & Drives	40	6	46
13	Material Engineering	32	2	34
14	Structural Dynamics and Earthquake Engineering	31	8	39
15	Structural Engineering	36	6	42
16	Urban Planning	22	12	34
17	Excavation Engineering	21	2	23
18	Chemical Engineering	11	5	16
	Total (B)	548	156	704
M.Sc. Programs				
1	M.Sc. Chemistry	16	14	30
2	M.Sc. Mathematics	21	16	37
3	M.Sc. Physics	22	12	34
	Total (C)	59	42	101
	Ph.D (D)	339	106	449
	Total (A+B+C+D)	3140	1191	4331

3.7 (B) As per Category

B.Arch./B.Tech. Programs

S. N.	Program Name	OBC			OP			SC			ST			DASA/MEA/ICCR				Total			
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	M	F	T
1	Architecture	60	41	101	65	67	132	25	21	46	13	9	22	5	7	12	168	145	313		
2	Chemical Engineering	74	24	98	115	46	161	36	15	51	19	10	29	7	6	13	251	101	352		
3	Civil Engineering	82	30	112	130	36	166	48	12	60	24	5	29	7	8	15	291	91	382		
4	Computer Science Engineering	74	27	101	109	75	184	30	21	51	20	7	27	13	10	23	246	140	386		
5	Electronics and Communication Engineering	58	41	99	93	87	180	29	31	60	18	10	28	14	6	20	212	175	387		
6	Electrical and Electronics Engineering	80	24	104	105	68	173	35	24	59	21	4	25	14	5	19	255	125	380		
7	Mechanical Engineering	106	2	108	165	9	174	52	4	56	23	0	23	30	0	30	376	15	391		
8	Metallurgical and Materials Engineering	78	26	104	110	48	158	47	9	56	18	7	25	0	0	0	253	90	343		
9	Mining Engineering	51	1	52	54	3	57	25	1	26	11	0	11	0	0	0	141	5	146		
Total		663	216	879	946	439	1385	327	138	465	167	52	219	90	42	132	2193	887	3080		

M.Tech. Programs

S. N.	Program Name	OBC			OP			SC			ST			Total		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Environmental Engineering	6	6	12	16	9	25	7	1	8	2	0	1	31	16	47
2	Water Resources Engineering	4	5	9	10	6	16	4	2	6	2	0	2	20	13	33
3	Construction Technology & Management	12	0	12	17	3	20	5	0	5	1	0	1	35	3	38
4	Transportation Engineering	6	6	12	17	1	18	4	1	5	2	1	3	29	9	38
5	VLSI Design	14	4	18	14	3	17	4	4	8	2	1	3	34	12	46
6	Communication System Engineering	9	5	14	13	5	18	3	7	10	2	1	3	27	18	45
7	Computer Science Engineering	10	5	15	8	13	21	4	4	8	0	2	2	22	24	46
8	Industrial Engineering	16	0	16	17	2	19	5	1	6	3	1	4	41	4	45
9	Heat Power Engineering	11	0	11	18	1	19	9	0	9	3	0	3	41	1	42
10	CAD-CAM	19	2	21	17	1	18	5	0	5	2	0	2	43	3	46
11	Integrated Power System	7	5	12	15	7	22	7	0	7	3	0	3	32	12	44
12	Power Electronics & Drives	14	0	14	20	3	23	4	2	6	2	1	3	40	6	46
13	Materials Engineering	9	0	9	16	1	17	6	1	7	1	0	1	32	2	34
14	Structural Dynamics and Earthquake Engineering	8	2	10	17	5	22	4	1	5	2	0	2	31	8	39
15	Structural Engineering	14	2	16	15	3	18	5	1	6	2	0	2	36	6	42
16	Urban Planning	3	1	4	15	7	22	3	3	6	1	1	2	22	12	34
17	Excavation Engineering	4	0	4	12	2	14	5	0	5	0	0	0	21	2	23
18	Chemical Engineering	3	1	4	6	2	8	2	2	4	0	0	0	11	5	16
Total		169	44	213	263	74	337	86	30	116	30	8	37	548	156	704

M.Sc. Programs

S. N.	Program Name	OBC			OP			SC			ST			Total		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	M.Sc. Chemistry	5	2	7	9	8	17	2	4	6	0	0	0	16	14	30
2	M.Sc. Mathematics	6	7	13	12	7	19	3	2	5	0	0	0	21	16	37
3	M.Sc. Physics	11	4	15	10	7	17	1	1	2	0	0	0	22	12	34
Total		22	13	35	31	22	53	6	7	13	0	0	0	59	42	101

3.8 Admission statistics (new admissions) during 2015-16

BArch./B. Tech.

S N	Program Name	Intake	Admitted thr JEE	Admitted thr DASA/ICCR/MEA	Total	M	F
1	Architecture	62	62	5	67	36	31
2	Chemical Engineering	92	86	5	91	66	25
3	Civil Engineering	92	88	5	93	73	20
4	Computer Science Engineering	92	91	7	98	51	47
5	Electronics and Communication Engineering	92	88	6	94	51	43
6	Electrical and Electronics Engineering	92	88	5	93	66	27
7	Mechanical Engineering	92	89	7	96	94	2
8	Metallurgical and Materials Engineering	92	84	0	84	60	24
9	Mining Engineering	40	32	0	32	31	1
Total		746	708	40	748	528	220

Seats admitted under DASA/ICCR/MEA are over & above intake

M.Tech.

S.N.	Program Name	Intake	Admitted	M	F
1	Environmental Engineering	26	23	14	9
2	Water Resources Engineering	22	18	12	6
3	Construction Technology & Management	22	18	16	2
4	Transportation Engineering	22	19	15	4
5	VLSI Design	26	20	12	8
6	Communication System Engineering	26	22	11	11
7	Computer Science Engineering	24	21	8	13
8	Industrial Engineering	23	22	20	2
9	Heat Power Engineering	23	19	19	0
10	CAD-CAM	23	21	20	1
11	Integrated Power System	25	22	15	7
12	Power Electronics & Drives	25	20	17	3
13	Materials Engineering	22	17	17	0
14	Structural Dynamics and Earthquake Engineering	22	18	15	3
15	Structural Engineering	25	22	21	1
16	Urban Planning	22	16	12	4
17	Excavation Engineering	20	12	10	2
18	Chemical Engineering	24	16	11	5
Total		422	346	265	81

Seats admitted under Sponsored category are over & above intake

M.Sc.

S.N.	Program Name	Intake	Admitted	M	F
1	M.Sc. Physics	20	15	12	3
2	M.Sc. Chemistry	20	13	8	5
3	M.Sc. Mathematics	20	16	8	8
	Total	60	44	28	16

Ph. D.

1	Ph.D.	-	144	106	38
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3.9 Break-up of Seats:

Category	Intake	Admitted
B.Arch./B.Tech. program		
OB	201	193
OP	377	353
SC	112	110
ST	56	52
Total	746	708
M.Tech. program		
OB	114	85
OP	213	190
SC	63	52
ST	32	19
Total	422	346
M.Sc. program		
OB	17	12
OP	29	28
SC	9	4
ST	5	0
Total	60	44

3.10 Student's Total Strength

Program	No of Students
B.Arch./B.Tech.	3081
M.Tech.	704
M.Sc.	101
Ph. D.	449
Total	4335

3.11 Scholarships

S.N.	Scholarship	Total in Rs.
1	GoI Post Metric Scholarship through Social Welfare Department of MH State	24237210.00
2	GoI Post Metric Scholarship through Social Welfare Department of other states	1671270.00
3	Rajashree Shahu Maharaj Merit Scholarship (RSMMS) through Social Welfare Department of MH State	88350.00
4	GoI New Central Sector Scholarship (SC) through Min. of Social Welfare and Empowerment, GoI	5959350.00
5	GoI New Central Sector Scholarship (ST) through Min. of Tribal Affairs, GoI	1151200.00
6	Primary Teacher Concession (PTC) & Secondary Teacher Concession (STC) through Zilla Parishad, Nagpur, MH	60200.00
7	Scholarship for Foreign Nationals through GoI, Min of External Affairs, Indian Council for Cultural Relation (ICCR)	1439370.00
8	Scholarship through Min. of Overseas Affairs, Educational Consultants of India Ltd. (E dCIL)	614433.00
9	Public Sector / Trusts / Corporations Scholarships	282000.00
10	Ph.D. under Institute scheme	43034960.00
11	Ph.D. under Diet Y scheme	4674548.00
12	Ph.D. under TEQIP	20649447.00
13	Ph.D. under QIP scheme	108000.00
14	Scholarship (GATE) for M.Tech. program	87882460.00
17	Scholarship (GATE) for M.Tech. program through TEQIP	3866941.00
18	Scholarship (GATE) for M.Tech. & Ph.D. program through MPCB scheme	741347.00

3.12 Scholarships and Funding Agency

S.N.	Scholarship	Funding Agency	No. of Students	Total in Rs.
1	GoI Post Metric Scholarship through Social Welfare Department of MH State		537	24237210.00
2	GoI Post Metric Scholarship through Social Welfare Department of other states		63	1630771.00
3	Rajashree Shahu Maharaj Merit Scholarship (RSMMS) through Social Welfare Department of MH State	Directorate of Social Welfare Maharashtra State, Pune	1	88350.00
4	GoI New Central Sector Scholarship (SC)	Minister of Social Welfare and Empowerment, GoI	43	3435400.00
5	GoI New Central Sector Scholarship (ST)	Minister of Tribal Affairs, GoI	14	1151200.00

S N	Scholarship	Funding Agency	No. of Students	Total in Rs.
6	Primary Teacher Concession (PTC) & Secondary Teacher Concession (STC)	Zilla Parishad, Nagpur, MH	14	60200.00
7	Scholarship under GCSS scheme by GoI, ICCR	RO, ICCR, Mumbai	6	1439370.00
8	Scholarship under SPDC scheme by GoI, EDCIL	EDCIL, Noida	3	614433.00
9	Ph.D. (Full Time)	Institute	148	43034960.00
10	Ph.D. (Full Time) under DietY scheme	Institute	23	4674548.00
11	Ph.D. (Full Time) under TEQIP	TEQIP	77	20649447.00
12	Ph.D. (Full Time) under QIP scheme	AICTE	1	108000.00
13	Scholarship (GATE) for M.Tech. program	Institute	610	87882460.00
14	Scholarship (GATE) for M.Tech. program through TEQIP	TEQIP	33	3866941.00
17	Scholarship (GATE) for M.Tech. & Ph.D. program through MPCB scheme	MPCB	5	741347.00
18	Public Sector / Trusts / Corporations Scholarships	--	13	282000.00

3.13 Concessions for SC, ST and PWD (Person with Disability)

Fees of Students of SC/ST category (from Maharashtra State) is paid through Social Welfare (SW) Maharashtra State. Students are having exemption in fees payment. Students have to apply online under GoI PM Scholarship scheme operated by the Social Welfare department of Govt. of Maharashtra. Fees are sanctioned by SW, Nagpur under Govt. of Maharashtra Department of Social Welfare.

Students of SC/ST selected under GoI New Central Sector scholarship are having exemption in fees payment. Student is required to apply for scholarship in specific formats. Fees are sanctioned from GoI Ministry of SJE and Tribal Affairs. Students of SC /ST category of M.Tech. (with GATE) / M.Sc. program are having waiver in tuition fees.

Students (Other than MH state) under SC, ST are not having exemption in fees payment. Student is required to apply to their respective State Government agencies for sanction of scholarship as per their rules. Refund of fees initially paid by such students is given against the sanction received from their respective state agencies in respect of student.

PWD student of SC/ST category belonging to Maharashtra State is given exemption in fees payment. Student from other state applies to respective State SW offices for claim of fees.



13th (Thirteenth) Convocation

4. 13th Convocation

4.1 General information

Institute awards the topper students of all programs every year for meritorious performance. The awards/prizes to students of final year are given at the convocation function of the institute. Institute convocation was conducted on 15th September, 2015. Following awards/prizes were given to students who completed degree requirement by Summer 2015 examination. Awards list and list of recipients of award/prizes is given below.

4.2 Awards/Prizes list

S.N.	Award	Criteria
1.	Sir Visvesvaraya Medal	Highest CGPA amongst all disciplines of B. Tech. program
2.	Institute Medal	Highest CGPA in B. Tech. (Program-wise) / B.Arch.
3.	Academic Excellence Prize	Highest CGPA in B. Tech. (Program-wise) / B. Arch./ M. Tech. Program (Programwise)
4.	Late Shri N.G. Joshi Prize	Highest CGPA amongst all disciplines of B. Tech. program
5.	Watwe Education Trust Prize	Highest CGPA in B. Tech. Electrical & Electronics Engg./ Mechanical Engg./ Civil Engg.
6.	Late Shri Vishnu Diwakar Alias Bhausahab Gijre Prize	Highest CGPA in B. Tech. Civil Engg
7.	P.J. Sahastrabudhe Memorial Prize	Highest CGPA in B. Tech. Civil Engg
8.	Late Shri C.T. Gharpure Prize	Highest CGPA in B. Tech. Civil Engg
9.	Shri L.J. Sane Prize	Highest CGPA amongst all disciplines of B. Tech. Electrical Engg.
10.	Late Shri J.M. Gawande Prize	Highest CGPA amongst Candidates from OBC category in B. Tech. Mechanical Engg.
11.	Shri Prashant Palamkar Memorial Prize	Highest CGPA in B. Tech. Mining Engg.
12.	Poornima Prize	Highest SGPA by girl student in Final year B. Arch
13.	Purna Award- I/II	Highest CGPA (First/Second) in M. Tech. Environmental Engg. Program
14.	Shri Bhile Memorial Prize	Highest CGPA in M. Tech. Environmental Engg. Program
15.	Dr. S.S. Kulkarni Prize	Highest CGPA in M. Tech. Structural Engg. Program
16.	Late Smt. Shalini Pangarkar Prize	Highest CGPA in B. Tech. Mechanical Engg.
17.	Late Dr. V.M. Pangarkar Prize	Highest CGPA in B.Arch.
18.	Late Shri B.M. Gupta Prize	Highest CGPA in M. Tech. Industrial Engg. Program
19.	Late Prof. M.S. Joshi Gold Medal	Highest CGPA in B. Tech. Civil Engg.
20.	In Memory of Ms. Madhur Dahake Gold Medal	Highest CGPA amongst Girl Candidates in B. Tech. Electronics & Communication Engg.
21.	Late Dr. M.K. Joshi Prize	Highest CGPA in B. Tech. Metallurgical & Materials Engg.

S.N.	Award	Criteria
22.	Akhilesh Gedam Memorial Prize	Highest CGPA in B. Tech. Electronics & Communication Engg.
23.	Prof. S. D. Adane Gold Medal	Highest CGPA in B. Arch.
24.	In memory of Dr A G Paithankar prize	Highest CGPA amongst all disciplines of B. Tech. program
25.	Late Ms. Pratibha Bujade Gold Medal	Highest CGPA amongst girls from SC category in B. Tech. Program
26.	Late Dr. V.N. Joshi Prize	Highest CGPA in B. Tech. Mechanical Engg
27.	Ar. Bharat Yamsanwar Award	Highest CGPA in M. Tech. Urban Planning Program.
28.	Late Mahamahopadhyay Padmavibhushan Dr. V. V. Mirashi Gold Medal	Highest CGPA amongst all disciplines of B. Tech. program
29.	Late Amol Krishnarao Kawadkar Medal	Highest CGPA in B. Tech. Civil Engg
30.	Late Shri Hemant Karkare Prize	Highest CGPA in B. Tech. Mechanical Engg
31.	Late Shri Parag Tijare Prize– I /II	Highest CGPA (First/Second) in B.Tech. Computer Science Program.
32.	Late Shri A H Reddy Prize	Highest CGPA in B.Tech. Mining Engg
33.	Late Shri Sadiq Vali Gold Medal	Highest CGPA in B.Tech. Civil Engg
34.	Late Dr. P.R. Bhawe Prize	Highest Marks in course Water Distribution Systems in B. Tech. Civil Engg
35.	Dr. S. C. Singhal Gold Medal	Highest Marks in course Mine Planning in B.Tech. Mining Engg.
36.	Late Arch Pradip Vishanji Thacker Gold Medal	Highest CGPA in B. Arch. (2nd Topper)

4.3 (A) Students awarded prizes / medals (program wise) for excellence in studies in the year 2015-16 at the Institutes 13th Convocation Function.

B.Tech. /B. Arch. Program

S. N.	Student	Award	Criterion	CGPA/ SGPA
1	PREM RAMESH AUTI (13054) BT11MEC062	Sir Visvesvaraya Gold Medal	Highest CGPA amongst all disciplines of B.Tech. program	9.76
		Late Shri N.G. Joshi Prize	Highest CGPA amongst all disciplines of B.Tech. program	
		Late Dr. A.G. Paithankar Gold Medal	Highest CGPA amongst all disciplines of B.Tech. program	
		Late Mahamahopadhyay Padmavibhushan Dr. V.V. Mirashi Gold Medal	Highest CGPA amongst all disciplines of B.Tech. program	

S. N.	Student	Award	Criterion	CGPA/ SGPA
		Academic Excellence Prize	Highest CGPA in B.Tech.Mechanical Engg	
		Watwe Education Trust Prize	Highest CGPA in B.Tech.Mechanical Engg	
		In Memory of Shri Hemant Karkare instituted by the Institute Prize	Highest CGPA in B.Tech.Mechanical Engg	
		Late Smt. Shalini Pangarkar Prize	Highest CGPA in B.Tech.Mechanical Engg	
		Late Dr. V.N. Joshi Prize	Highest CGPA in B.Tech.Mechanical Engg	
2	SUSAMIDDHA SAHA (13424) BT11CHE076	Institute Medal	Highest CGPA in B.Tech.Chemical Engg	9.39
		Academic Excellence Prize	Highest CGPA in B.Tech.Chemical Engg	
3	DHRUV CHAWLA (13144) BT11CIV015	Institute Medal	Highest CGPA in B.Tech. Civil Engg	9.31
		Academic Excellence Prize	Highest CGPA in B.Tech.Civil Engg	
		Watwe Education Trust Prize	Highest CGPA in B.Tech.Civil Engg.	
		Late Shri Vishnu Diwakar Alias Bhausahab Gijre Prize	Highest CGPA in B.Tech.Civil Engg	
		P.J. Sahastrabudhe Memorial Prize	Highest CGPA in B.Tech.Civil Engg	
		Late Shri C.T. Gharpure Prize	Highest CGPA in B.Tech.Ci vil Engg	
		Late Prof. M.S. Joshi	Highest CGPA in B.Tech.Civil	
		Late Amol Krishnarao Kawadakar Medal	Highest CGPA in B.Tech.Civil Engg	
		Late Shri Sadik Vali Gold Medal	Topper Candidate of B. Tech. Civil Engg.	
4	ANKUR GUPTA (13154) BT11CIV059	Late Shri P.R.Bhave Prize	Highest Marks in Water Distribution Systems (CEL414)	80
5	BHOPALE POOJA SATISH (12956) BT11EEEE014	Late Ms. Pratibha Bujade Gold Medal (EEE Branch) (SC)	*Highest CGPA amongst Girls from SC/ST category in B.Tech. Civil Engg. Programme (If not available in this criteria then SC/ST category girl	7.79

S. N.	Student	Award	Criterion	CGPA/ SGPA
			candidate From all over branches)	
6	NIKHITA VEDULA (12862) BT11CSE061	Institute Medal	Highest CGPA in B.Tech. Computer Science Engg.	9.53
		Academic Excellence Prize	Highest CGPA in B.Tech. Computer Science Engg	
		Late Shri Parag Tijare First Prize	Highest CGPA in B.Tech.Computer Science Engg.	
7	GANDHI RUCHIT NIKUNJ(12820) BT11CSE037	Late Shri Parag Tijare Second Prize	2 nd Highest CGPA in B.Tech. Computer Science Engg.	9.38
8	PUNDLIK GAURAV GIRISH (13001) BT11EEE022	Institute Medal	Highest CGPA in B.Tech. Electrical & Electronics Engg.	9.58
		Academic Excellence Prize	Highest CGPA in B.Tech. Electrical & Electronics Engg.	
		Late Shri L. G. Sane Prize	Highest CGPA in B.Tech. Electrical & Electronics Engg.	
		Watwe Education Trust Prize	Highest CGPA in B.Tech. Electrical & Electronics Engg.	
9	GUPTA SANTOSH ATMARAM (12925) BT11ECE020	Institute Medal	Highest CGPA in B.Tech. Electronics & Comm. Engg.	9.44
		Akhilesh Gedam Memorial Prize	Highest CGPA in B.Tech. Electronics & Comm. Engg.	
		Academic Excellence Prize	Highest CGPA in B.Tech. Electronics & Comm. Engg.	
10	RAJ AAKANKSHA PRITHWI (12944) BT11ECE065	In memory of Ms. Madhur Dahake Gold Medal	Highest CGPA amongst Girl Candidates in B.Tech Electronics & Communication Engg.	9.05
11	PIMPALKAR SWAPNIL NAMDEO (13110) BT11MEC057	Late Shri J.M. Gawande Prize	Highest CGPA amongst Candidates from OBC category in B.Tech.Mechanical Engg.	9.26
12	SAURABH SINGH (13892) BT11MIN028	Institute Medal	Highest CGPA in B.Tech. Mining Engg.	9.00
		Academic Excellence Prize	Highest CGPA in B.Tech. Mining Engg.	
		Shri Prashant Palamkar Memorial Prize	Highest CGPA in B.Tech. Mining Engg.	

S. N.	Student	Award	Criterion	CGPA/ SGPA
		Late Shri A. H. Reddy Prize	Highest CGPA in B.Tech. Mining Engg.	94
		Dr Suresh C. Singhal Gold Medal	Highest Score in course Mine Planning of B.Tech. Mining Engg. (MNL470)	
13	SANJEEV T PATIL (13903) BT11MME063	Institute Medal	Highest CGPA in B.Tech. Met. & Materials Engg.	8.83
		Academic Excellence Prize	Highest CGPA in B.Tech. Met. & Materials Engg.	
		Late Dr. M.K. Joshi Prize	Highest CGPA in B.Tech. Met. & Materials Engg.	
14	KUBAL PRATHAMESH MAHADEV (12077) BA10ARC030	Institute Medal	Highest CGPA B. Arch.	9.54
		Academic Excellence Prize	Highest CGPA in B. Arch.	
		Prof. S. D. Adane Gold Medal	Highest CGPA in B. Arch.	
		Late Dr. V. M. Pangarkar Prize	Highest CGPA in B. Arch.	
15	ARCHANA SAKHARWADE (12083) BA10ARC008	Poornima Prize	Highest SPI by girl student in Final year B. Arch (Part II) Exam Summer 2013	YGPA 8.73
		Late Arch Pradip Vishanji Thacker Gold Medal	Highest CGPA in B. Arch.(2nd Topper)	

M.Sc. Program

S.N.	Student	Award	Criterion	CGPA/ SGPA
1	RASHMI SHARMA (15440) MS13CHM010	Academic Excellence Prize	Highest CGPA in M. Sc. Chemistry Program	9.19
		Institute Medal		
2	SUPRITA TALNIKAR (15510) MS13MTH008	Academic Excellence Prize	Highest CGPA in M. Sc. Mathematics Program	9.38
		Institute Medal		
3	UMANG SHARMA (15428) MS13PHY008	Academic Excellence Prize	Highest CGPA in M. Sc. Physics Program	9.78
		Institute Medal		

M.Tech. Program

S.N.	Student	Award	Criterion	CGPA/ SGPA
1	S VIDYA (16324) MT13SDE015	Academic Excellence Prize	Highest CGPA in M.Tech. Structural Dynamics & Earthquake Engg. Program	8.83
		Institute Medal		
2	GOURAV GAJRANI (15301) MT13STR003	Academic Excellence Prize	Highest CGPA in M.Tech. Structural Engg. Program	9.42
		Dr. S.S. Kulkarni Prize		
		Institute Medal		
3	DOBARIYA GAURAVKUMAR T (15308)MT13CTM003	Academic Excellence Prize	Highest CGPA in M.Tech. Construction Technology & Management Program	9.52
		Institute Medal		
4	ABHIJITH G R (16336) MT13ENV007	Academic Excellence Prize	Highest CGPA in M.Tech. Environmental Engg. Program	9.65
		Shri Bhide Memorial Prize		
		Institute Medal		
		Purna Award – I		
5	GHATKAR DIPALI HARISHCHANDRA (15417) MT13ENV005	Purna Award – II	For securing 2 nd Highest CGPA in M.Tech. Environmental Engg. Program	9.19
6	METTU MONICA SHARON (15286) MT13TRE020	Academic Excellence Prize	Highest CGPA in M.Tech. Transportation Engg. Program	9.65
		Institute Medal		
7	SWATI SIRSANT (15354) MT13WRE010	Academic Excellence Prize	Highest CGPA in M.Tech. Water Resources Engg. Program	9.94
		Institute Medal		
8	KRISHNA B (15290) MT13MCS004	Academic Excellence Prize	Highest CGPA in M.Tech. Computer Science & Engineering Program	10
		Institute Medal		
9	SHYAMA MARIA JOSE (15235) MT13IPS012	Academic Excellence Prize	Highest CGPA in M.Tech. Integrated Power Systems Program	9.54
		Institute Medal		
10	BOGGULA KIRAN KUMAR (16482) MT13PED020	Academic Excellence Prize	Highest CGPA in M.Tech. Power Electronics & Drives Program	9.65
		Institute Medal		
11	SUMIN D JOSEPH (15316) MT13CMN014	Academic Excellence Prize	Highest CGPA in M. Tech. Communication System Engg. Program	9.58
		Institute Medal		
12	NANDA KUMAR T (16254) MT13MVD026	Academic Excellence Prize	Highest CGPA in M. Tech. VLSI Design Program	9.58
		Institute Medal		

S N	Student	Award	Criterion	CGPA/ SGPA
13	AVINASH ARVIND MAHAJAN(15271) MT13CDM023	Academic Excellence Prize	Highest CGPA in M. Tech. CAD-CAM Program	8.90
		Institute Medal		
14	MUHAMMAD RASHID CHERUKAT (15276) MT13HPE006	Academic Excellence Prize	Highest CGPA in M.Tech. Heat Power Engg. Program	9.64
		Institute Medal		
15	VIVEK RAMESH SHARMA (16291) MT13IND012	Academic Excellence Prize	Highest CGPA in M.Tech. Industrial Engg. Program	9.50
		Institute Medal		
		Late Shri B.M. Gupta Prize		
16	ANSHU DUBEY (16311) MT13MTE013	Academic Excellence Prize	Highest CGPA in M.Tech. Materials Engg. Program	9.50
		Institute Medal		
17	SHARMA SHASHANK VINOD (15325) MT13EXV007	Academic Excellence Prize	Highest CGPA in M.Tech. Excavation Engg. Program	9.83
		Institute Medal		
18	SOUDIP S KUNDU (16342) MT13UPL014	Academic Excellence Prize	Highest CGPA in M.Tech. Urban Planning Program	9.77
		Institute Medal		
		Ar. Bharat Yamsanwar Award		

Awards/Prizes list (Pre Final Year/sem)

S. N.	Award	Criteria
1.	Prof. Vasant and Smt. Susheela Mokashi Prize	Highest Marks in Engineering Mechanics at 1 st and 2 nd semester of B. Tech. Program.
2.	Late Shri V. Narsimha Raidu Prize	Highest Marks in Chemistry at 1 st and 2 nd semester of B. Tech. Program.
3.	Dr. S. G. Ghangrekar Prize	Highest Marks in Mathematics at 1 st and 2 nd semester of B. Tech. Program.
4.	Late Dr. M.S. Jakkiwar Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B. Tech. Metallurgical and Materials Engg. Program.
5.	Shri H.V. Bedekar Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Program all branches.
6.	Late Raobahadur Sardesai Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Program all branches.
7.	Dr. V.M. Dorkas Felicitation Committee Prize	For exhibiting the best performance in the 3 rd Year (5 th and 6 th Semesters taken together) of all B. Tech. /B. Arch. Program.

S. N.	Award	Criteria
8.	Dr. M. M. Basole Prize.	For scoring highest Marks in the subject Structural Analysis (AML-361) of 5 th semester B. Tech. Civil Engg. Program.
9.	Dr. P.K. Godbole Prize	For scoring highest Marks in the subject Design of RCC Structures (CEL-305) of 6 th semester B. Tech. Civil Engg. Program.
10.	Dr. S.S. Amin Prize	For scoring highest marks in the subject Advanced Structural Analysis (AML-461) in 7 th Sem. B.Tech. Civil Engg. Program.
11.	Shri S.P. Damle Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Electrical & Electronics Engg. Program.
12.	Late Arbind Biswas Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Mechanical Engg. Program.
13.	Late Dr. M.K. Joshi Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Metallurgical and Materials Engg. Program.
14.	Late Shri Narendra Jaiswal Prize	For scoring highest Marks in the subject History of Architecture-III (ARL -202) of 3 rd semester B.Arch. Program.
15.	Shri Sheodanmal Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B.Arch. Program.
16.	Ar. Bharat S. Yamsanwar Prize	For scoring highest Marks in the subject of Architectural Design VIII in B.Arch. Program.
17.	Architecture Design Award in the memory of Late Prof. M.W. Indapawar	For scoring highest Marks in the subject of Design Studio 7 th and 8 th semester (ARL-405 & ARL-411 respectively) B.Arch. Program.
18.	Dr. M.M. Basole Prize instituted by Mr. M.A. Katarmal	For exhibiting the best performance in the Pre final year (1 st and 2 nd Semesters taken together) of M. Tech. Structural Engg. Program.
19.	Dr. P.N. Godbole Prize	For scoring highest marks in the subject Finite Element Method (AML-431) of 2 nd Semester M.Tech. Program.
20.	Late Prof. P R Bhawe Prize	For scoring highest marks in the subject Environmental Engineering Systems Optimization (CEL-511) of M. Tech. Environmental Engg. Program.
21.	Late Dr. M.K. Joshi Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Metallurgical and Materials Engg. Program.

**4.3(B) Students Awarded Prizes for Excellence in Pre-final Year/Sem Studies in the
Year 2015-16 at the Republic Day Function on 26th Jan 2016**

S. N.	Student Name	Branch	Enrol No.	Award / Prize	Criterion
1	ADDEPALLI SHALINI	ECE	BT14ECE002	Academic Excellence Prize	For exhibiting the best performance in the 1 st year (1 st and 2 nd Semesters taken together) of B. Tech. Program.
				Prof. Vasant and Smt. Susheela Mokashi Prize	Highest Marks in Engineering Mechanics at 1 st and 2 nd semester of B. Tech. Program.
2	YALLA SRI LAKSHMI PUSHPA PRIYANKA	CSE	BT14CSE094	Late Shri V. Narsimha Raidu Prize	Highest Marks in Chemistry at 1 st and 2 nd semester of B. Tech. Program.
3	MARAS MANMEET KAUR AVTAR SINGH	CSE	BT14CSE050	Dr. S. G. Ghangrekar Prize	Highest Marks in Mathematics at 1 st and 2 nd semester of B. Tech. Program.
4	ANSARI AAMIR FAISAL MOHD ANWAR	CME	BT13CME009	Academic Excellence Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B. Tech. Chemical Engg. Program.
5	LOHARKAR KARISHMA SUNIL	CIV	BT13CIV034	Academic Excellence Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B. Tech. Civil Engg. Program.
6	PAPPU DIVYA KRISHNA	CIV	BT12CIV055	Late Dr. M.M. Inamdar Prize	For scoring highest Marks in the subject Concrete Engineering (CEL304) at 4 th semester of B. Tech. Civil Engg. Program.
7	GOSAR VATSAL RAMESH	CSE	BT13CSE039	Academic Excellence Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B. Tech. Computer Science Engg. Program.

S. N.	Student Name	Branch	Enrol No	Award / Prize	Criterion
8	MADIREDDY HIMA BINDU SAI	EEE	BT13EEE042	Academic Excellence Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B. Tech. Electrical & Electronics Engg. Program.
9	KHYATI GUPTA	ECE	BT13ECE035	Academic Excellence Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B. Tech. Electronics & Communication Engg. Program.
10	NILAWAR SUYASH SUDHIR	MEC	BT13MEC072	Academic Excellence Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B. Tech. Mechanical Engg. Program.
11	KAKDE MOHAN VASANTA	MIN	BT13MIN014	Academic Excellence Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B. Tech. Mining Engg. Program.
12	DEO KAIVALYA ARVIND	MME	BT13MME012	Academic Excellence Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B. Tech. Metallurgical and Materials Engg. Program.
				Late Dr. M.S. Jakkiwar Prize	
13	AMISH KUMAR	MIN	BT12MIN019	Shri H.V. Bedekar Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Program all branches.
				Late Raobahadur Sardesai Prize	
				Academic Excellence Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Mining Engg. Program.
				Dr. V.M. Dokras Felicitation Committee Prize	
14	KATKAR VENKTESH VIDYADHAR	CHE	BT12CME043	Academic Excellence Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech Chemical Engg. Program.
				Dr. V.M. Dokras Felicitation Committee Prize	

S. N.	Student Name	Branch	Enrol No	Award / Prize	Criterion
15	MANAQIBWA LA IDRIS MUSTAFA	CIV	BT12CIV043	Academic Excellence Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Civil Engg. Program.
				Dr. V.M. Dokras Felicitation Committee Prize	
				Dr. M. M. Basole Prize.	For scoring highest Marks in the subject Structural Analysis (AML-361) of 5 th semester B. Tech. Civil Engg. Program.
				Dr. P.K. Godbole Prize	For scoring highest Marks in the subject Design of RCC Structures (CEL-305) of 6 th semester B. Tech. Civil Engg. Program.
16	DHRUV CHAWLA	CIV	BT11CIV015	Dr. S.S. Amin Prize	For scoring highest marks in the subject Advanced Structural Analysis (AML-461) in 7 th Sem. B.Tech. Civil Engg. Program.
17	SHAIKH MOHAMMED DANISH	CSE	BT12CSE072	Academic Excellence Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Computer Science Engg. Program.
				Dr. V.M. Dokras Felicitation Committee Prize	
18	CHANDRAGI RI VISHNUVAR DHAN REDDY	EEE	BT12EEE016	Academic Excellence Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Electrical & Electronics Engg. Program.
				Dr. V.M. Dokras Felicitation Committee Prize	
				Shri S.P. Damle Prize	
19	HONEY GUPTA	ECE	BT12ECE023	Academic Excellence Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Electronics & Communication Engg. Program.
				Dr. V.M. Dokras Felicitation Committee Prize	
20	GAURAV SUSHIL HIRANI	MEC	BT12MEC024	Academic Excellence Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Mechanical Engg. Program.
				Dr. V.M. Dokras Felicitation Committee Prize	
				Late Arbind Biswas Prize	

S. N.	Student Name	Branch	Enrol No	Award / Prize	Criterion
21	CHAITANYA KHOTKAR	MME	BT12MME008	Academic Excellence Prize Dr. V.M. Dokras Felicitation Committee Prize Late Dr. M.K. Joshi Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B. Tech. Metallurgical and Materials Engg, Program.
22	KAKOLI BORAH	ARCH	BA14ARC021	Academic Excellence Prize	For exhibiting the best performance in the 1 st year (1 st and 2 nd Semesters taken together) of B. Arch. Program.
23	P GOUTHAMI	ARCH	BA13ARC033	Academic Excellence Prize	For exhibiting the best performance in the 2 nd year (3 rd and 4 th Semesters taken together) of B.Arch. Program.
24	BARSHA AMARENDRA	ARCH	BA13ARC009	Late Shri Narendra Jaiswal Prize	For scoring highest Marks in the subject History of Architecture-III (ARL-202) of 3 rd semester B.Arch. Program.
25	OSTWAL BHUSHAN SUMATILAL	ARCH	BA12ARC036	Academic Excellence Prize Dr. V.M. Dokras Felicitation Committee Prize Shri Sheodanmal Prize	For exhibiting the best performance in the 3 rd year (5 th and 6 th Semesters taken together) of B.Arch. Program.
26	KRISHNA SIRUGUDI	ARCH	BT11ARC050	Academic Excellence Prize Ar. Bharat S. Yamsanwar Prize	For exhibiting the best performance in the 4 th year (7 th and 8 th Semesters taken together) of B. Arch. Program. For scoring highest Marks in the subject of Architectural Design VIII in B.Arch. Program.
27	NASHINE KARAN DEEPAK	ARCH	BA11ARC018	Architecture Design Award in the memory of Late Prof. M.W. Indapawar	For scoring highest Marks in the subject of Design Studio 7 th and 8 th semester (ARL-405 & ARL-411 respectively) B.Arch. Program.

S. N.	Student Name	Branch	Enrol No	Award / Prize	Criterion
28	PAYAL GWALANI	SDE	MT14SDE011	Dr. M.M. Basole Prize instituted by Mr. M.A. Katarmal	For exhibiting the best performance in the Pre final year (1 st and 2 nd Semesters taken together) of M. Tech. Structural Engg. Program.
				Dr. P.N. Godbole Prize	For scoring highest marks in the subject Finite Element Method (AML-431) of 2 nd Semester M.Tech. Program.
29	SAMVED SHARMA	ENV	MT14ENV017	Late Prof. P R Bhawe Prize	For scoring highest marks in the subject Environmental Engineering Systems Optimization (CEL-511) of M. Tech. Environmental Engg. Program.

4.4 Examination Details: Program wise No. of students awarded degree

S. N.	Program	No. Awarded		
		M	F	T
	(A) B.Tech. / B. Arch.			
1	Architecture	47	27	74
2	Chemical Engineering	69	11	80
3	Civil Engineering	81	12	93
4	Computer Science Engineering	95	19	114
5	Electronics and Communication Engineering	61	30	91
6	Electrical and Electronics Engineering	65	16	81
7	Mechanical Engineering	96	4	100
8	Metallurgical and Materials Engineering	59	12	71
9	Mining Engineering	24	1	25
	Total	597	132	729
	(B) M.Tech.			
1	Structural Engineering	16	5	21
2	Structural Dynamics and Earthquake Engineering	11	3	14
3	Environmental Engineering	16	5	21
4	Water Resources Engineering	12	5	17
5	Construction Technology & Management	14	4	18
6	Transportation Engineering	12	6	18
7	Computer Science Engineering	19	4	23
8	Integrated Power System	15	4	19
9	Power Electronics & Drives	16	0	16
10	Communication System Engineering	16	5	21
11	VLSI Design	17	5	22
12	Industrial Engineering	19	0	19
13	Heat Power Engineering	19	1	20

S.N.	Program	No. Awarded		
		M	F	T
14	CAD-CAM	22	1	23
15	Material Engineering	14	1	15
16	Urban Planning	10	7	17
17	Excavation Engineering	8	0	8
	Total	256	56	312
	(C) M.Sc.			
1	Chemistry	12	7	19
2	Physics	7	6	13
3	Mathematics	7	6	13
	Total	26	19	45
	(D) M.Tech. / M.Arch. by Research			
1	Mining Engineering	1	0	1
2	Chemical Engineering	0	1	1
3	Civil Engineering	1	0	1
4	Electronics Engineering	2	0	2
5	Architecture	0	1	1
	Total	4	2	6
	(E) Ph.D.			
1	Chemical Engineering	1	1	2
2	Civil Engineering	7	2	9
3	Computer Science & Engineering	1	0	1
4	Electronics Engineering	4	2	6
5	Electrical Engineering	3	1	4
6	Mechanical Engineering	5	0	5
7	Metallurgy & Materials Engineering	7	2	9
8	Mining Engineering	1	0	1
9	Applied Mechanics	1	1	2
10	Architecture	2	2	4
11	Chemistry	3	0	3
12	Physics	1	0	1
13	Humanities	1	0	1
	Total	37	11	48
	Grand Total	920	220	1140



Training and Placement

5. TRAINING AND PLACEMENT

5.1 General Information about Training & Placement

Training & Placement department provides the necessary guidance to the students for career planning and personality development. T & P department invites public and private sector organizations for campus recruitment of final year B.Tech, B.Arch, M.Tech and M.Sc. students. During the academic year 2015-16, 88 companies visited the campus and 426 jobs were offered to UG & PG students. Detailed break up is listed below.

5.2 Optional Training – General information

The students undergo Industrial training during summer vacation generally for a period of 4 weeks. This training is meant for the engineering disciplines viz. Civil, Chemical, Mechanical, Electrical and Electronics, Electronics & Communication, Computer Science & Engineering, Metallurgical & Materials and Mining. Although the training is optional, majority students take advantage of the same. T & P department communicates with many industries to grant training seats for 3rd year students. The received training seats are then allotted to the students on the basis of merit and preference.

- **Institute Arranged Training**

Training & Placement department approached 25 companies For Training. Training Seats received for Summer Vacation 2015-16 are summarized below.

Discipline	No. of Industries who offered Training Seats	No. of Seats received
Civil Engineering	05	33
Mechanical Engineering	02	05
Electrical Engineering	02	04
Chemical Engineering	03	06
Electronics Engineering	--	--
Computer Science Engineering	01	01
Metallurgy Engineering	--	--
Mining Engineering	7	90
Total	17	139

- **Self arranged Training**

No. of students applied for Winter Vacation Training : 200

No. of students applied for Summer Vacation Training - : 350

- **Paid Internship**

Thirteen companies visited the campus to select 3rd year students and offered them paid summer internship. These students may receive a pre-placement offer from the companies based on their performance during internship.

Sr. No.	Name of Company	No. of Students selected
1	Amazon	4
2	Morgan Stanley	5
3	Goldman Sachs	5
4	D E Shaw & Co	1
5	Arcesium India Pvt. Ltd.	1
6	MAQ	7
7	Siemens	6
8	L & T Construction	5
9	Citi India	6
10	SoCtronics Technologies Pvt. Ltd	2
11	Thermax Ltd.	2
12	Godrej Industries	2
13	Persistent Systems Ltd.	10
14	Sterlite Technologies Ltd.	3
15	JP Morgan	6
16	HUL	3
17	HotelKey	1
18	Atos	16
19	L&T Ltd.	8
20	Ittiam	3
21	Wipro	13
22	General Motors	1
23	John Deere Technology Center	2
24	Infocepts	6
Total		118

5.3 Compulsory Training

i) Mining Engineering Course

In keeping with the course curriculum, all mining engineering students are required to undergo compulsory training in mining industry. This training is arranged during every summer and winter vacation.

ii) Architecture Course

The students of fourth year Architecture & Planning Course have to undergo a compulsory training for a period of 6 months towards the end of 4th year. On successful completion of the training, the students carry out a project of 6 months duration in the Institute under the guidance of the faculty at the Department.

5.4 Training of M.Tech. Students

Though the industrial training for PG students of engineering is not compulsory, some students take initiative and apply to various industries for summer vacation training. Several students from various departments carry out their dissertation work for a period of about 4 to 6 months in concerned industries and organizations. This activity is coordinated by the concerned faculty from respective Department.

5.5 Placement and General Policy

Final year UG and PG students are required to register with the T & P department to opt for campus placements. The institute has a concept of Dream job and Normal job. A job with cost to company (CTC) less than 6 lacs per annum is considered to be normal job while a job with CTC more than and including 6 lacs per annum is considered to be dream job. Students having a normal job can apply for a dream job also. Students selected for a dream job are not eligible to apply for any job after selection.

5.6 Activities of Placement Department

- Collection and maintenance of database of final year students who register with T & P deptt .
- Liaisoning with industries for placement, internships & vacation training of students.
- Scheduling and organizing the campus interviews.
- To arrange Placement Preparation Workshop to guide the students for improving their communication skills.
- To facilitate Interaction of students with representatives of reputed Indian and foreign universities for higher education.

5.7 (A) Statistics of Students Placed after 1st April 2015

Branch	Passing out Batch 2015
Civil	20
Mechanical	11
Electrical	18
Chemical	2
Electronics	12
Computer Science	7
Metallurgy	2
Mining	13
Total for B.Tech.	85
Total for M.Tech.	30

5.7 (B) Statistics of Placement 2015-16 upto 31st March 2016

Number of Students Placed

1. B.Tech.

Branch	Eligible	Placed
Civil	83	34
Mechanical	84	58
Electrical	96	52
Chemical	64	28
Electronics	94	56
Computer Science	82	64
Metallurgy	81	33
Mining	25	06
	609	331

2. B.Arch.

Branch	Eligible	Placed
Architecture	20	02

3. M.Tech.

Branch	Eligible	Placed
Structural Engineering	20	05
Structural Dynamics and Earthquake Engineering	21	03
Water Resources Engineering	16	03
Power Electronics and Drives	24	03
Integrated Power System	23	04
VLSI Design	24	04
Computer Science Engineering	24	13
Heat Power Engineering	23	04
Industrial Engineering	23	03
CAD-CAM	24	07
Transportation Engineering	20	02
Environmental Engineering	25	04
Construction Technology and Management	21	06
Material Engineering	21	01
Urban Planning	18	-
Communication System Engineering	23	04
Excavation Engineering	11	02
Total	361	68

4. M.Sc.

Branch	Eligible	Placed
Physics	15	-
Chemistry	18	-
Mathematics	15	01
Total	48	01

5.8 No. of job offered:

1. B.Tech:

Type of job	Branch								
	CE	ME	EEE	CHE	ECE	CSE	MME	MIN	TOTAL
Normal Job	31	52	41	25	33	11	21	5	219
Dream job	2	7	8	2	29	47	14	1	110
PPO Normal Job	2	1	3						6
PPO Dream job			1	1	2	15			19
Total -->	35	60	53	28	64	73	35	6	354

CE -Civil Engineering

ME -Mechanical Engineering

EEE-Electrical & Electronics Engineering

BCE-Electronics & Communication Engineering

CSE - Comp.Sci. & Engineering

MIN - Mining

MME - Metallurgical & Materials

CHE - Chemical

2. B.Arch

Type of job	Architecture	TOTAL
Normal Job	02	02
Total -->	02	02

3. M.Sc.

Type of job	MSC	TOTAL
Normal Job	01	01
Dream job	--	--
Total -->	01	01

4. M.Tech.

Type of job	STR	SDE	WRE	PED	IPS	VLSI	MCS	HPE	IND	CAD CAM	TRE	ENV	CTM	MTE	UPL	CMN	EXCV	TOTAL
Normal Job	5	3	3	3	4	3	2	4	3	7	2	4	6	1	0	3	2	55
Dream job						1	10									1		12
Total -->	5	3	3	3	4	4	12	4	3	7	2	4	6	1	0	4	2	67

ENV Environmental Engineering

WRE Water Resources Engineering

CTM Construction Technology and Management

TRE Transportation Engineering

IPS Integrated Power System

PED Power Electronics and Drives

VLSI VLSI Design

CMN Communication System Engineering

CSE

SDE

STR

HPE

IND

CAD -CAM CAD -CAM

MTE

UPL

Computer Science Engineering

Structural Dynamics and Earthquake Engineering

Structural Engineering

Heat Power Engineering

Industrial Engineering

CAD -CAM CAD -CAM

Material Engineering

Urban Planning



वार्षिक प्रतिवृत्त

ANNUAL REPORT

2015-16

विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान, नागपुर-440 010.
Visvesvaraya National Institute of Technology,
Nagpur, India - 440010

B.Tech. Normal Jobs

Sr.No.	Company Name	CE	ME	EEE	CHE	ECE	CSE	MME	MIN	Total
1.	3DPLM		1					1	1	3
2.	Incture Technologies (P) Ltd.					3				3
3.	Verity Knowledge Solutions	1		1				1		3
4.	Mu Sigma Business Solutions			3	1			1	1	6
5.	NCR Corporation					2				2
6.	TATA ELXSI LTD			2		5				7
7.	Persistent Systems Ltd.						3			3
8.	Siemens Ltd		2	5						7
9.	L&T Construction-PPO	2	1	2						5
10.	Crompton Greaves Limited		6							6
11.	TCS Normal							1		1
12.	L&T Construction	17	2	5		1			1	26
13.	Tata Motors		8	3						11
14.	John Deere India Pvt Ltd		7			3				10
15.	L & T Ltd.		1	3						4
16.	Wipro Ltd.			3		3	1			7
17.	Infosys Limited	1			1	1		4	1	8
18.	Thermax Ltd.		2							2
19.	VA Tech Wabag	1			2					3
20.	Godrej Industries				1					1
21.	Ashok Leylands		1							1
22.	Sterlite Technologies Limited-PPO			1						1
23.	Fiat Pvt. Ltd.		1							1
24.	Nykaa India Pvt Ltd.-Normal		1		3		2	1	1	8
25.	SHV Energy Pvt. Ltd.				3					3
26.	Reliance Industries Ltd		2	1	6			3		12
27.	Misys Software Solutions (I) Pvt Ltd					3	1			4
28.	Pidilite Industries Ltd.		1		2					3
29.	Arup India Pvt. Ltd.	1								1
30.	Vedanta Resources				3			4		7
31.	Godrej & Boyce Mfg. Co. Ltd.		1	1						2
32.	Sterlite Technologies Limited	1			1			1		3
33.	Atos India			1		1	2			4
34.	Adani Ports		4		1					5
35.	Future Supply Chain Solutions Ltd.		1	4		2				7
36.	Adani Power		4	1						5
37.	Nagpur Metro Rail Corporation Limited	4	1	2		2				9
38.	Lafarge India Pvt. Ltd.				1					1
39.	KEC International Ltd.	4	3	2						9
40.	Viraj Profiles Ltd.							1		1
41.	Hindalco Industries Ltd.			2				3		5
42.	Aarvee Associates	1								1
43.	Daikin Airconditioning India Private Ltd.		1							1
44.	Rang de					1	1			2
45.	Habba						1			1
46.	Tata Power					1				1
47.	Sapient Consulting Pvt Ltd					2				2
48.	JSW Energy		2	2		3				7
Total		33	53	44	25	33	11	21	5	225

B.Tech. Dream Jobs

Sr. No.	Company Name	CE	ME	EEE	CHE	ECE	CSE	MME	MIN	Total
1	HUL-PPO			1	1					2
2	Morgan Stanley-PPO						2			2
3	MAQ Software-PPO						4			4
4	Goldman Sachs-PPO						1			1
5	Bajaj Auto		2			1				3
6	Futures First		1	1				1		3
7	Morgan Stanley			1			2			3
8	Amazon						3			3
9	Numerify-PPO						2			2
10	Amazon-PPO						3			3
11	Inmobi						2			2
12	Goldman Sachs						3			3
13	D E Shaw & Co						1			1
14	Arcesium India Pvt. Ltd.					1				1
15	ZS Associates	1		2	1	1	1	3	1	10
16	Diebold Systems Private Limited					1	1			2
17	MAQ Software						1			1
18	Directfl						1			1
19	Ittiam Systems Private Limited									
20	Numerify Software					1	2			3
21	C-DOT-PPO					1				1
22	CouponDunia						3			3
23	OFSS			1		3	3			7
24	Grofers India Pvt. Ltd.		1				1	4		6
25	Barclays Technology Centre India (BTCL)						2			2
26	FactSet Systems India Pvt. Ltd.					1	5			6
27	Oracle India Private Limited					2	1			3
28	Calsoft Pvt Ltd.						6			6
29	Citicorp Services India Private Ltd.-PPO					1	3			4
30	TCS			1		1				2
31	SAP Labs India					5				5
32	Citicorp Services India Private Ltd.					1	4			5
33	General Motors India Pvt. Ltd.		1	1						2
34	Clairvortex Knowledge Processes Pvt. Ltd.					4	1			5
35	Production Modeling India Pvt. Ltd.		1							1
36	National Instruments		1							1
37	Bharti Airtel Ltd.					3				3
38	ExcellOn Solutions						1			1
39	Oxygen Services India Private Limited						1			1
40	Fractal Analytics Pvt. Ltd.	1		1	1			6		9
41	Nykaa India Pvt Ltd.-Dream					1				1
42	HSBC Software Development (India) Private Limited						1			1
43	BrahMos Aerospace Pvt. Ltd.					1				1
44	HDFC Bank Ltd.					2	1			3
Total		2	7	9	3	31	62	14	1	129

M.Tech Normal Job

Company Name	STR	SDE	WRE	PED	IPS	VLSI	CSE	HPE	IND	CAD-CAM	TRE	ENV	CTM	MTE	UPL	CMN	EXCV	Total
3DPLM																		
Verity			1	1														2
Tata ELXSI				1		1	1									3		6
Persistent Systems Ltd.							1											1
L&T	1												2				2	5
TATA Consulting Engineers Limited	2	3			4			2										14
Infosys			1	1		2		2	3	7	1		2	1				20
VA Tech Wabag																		
Misys Software Solutions (I) Pvt Ltd																		
Nagpur Metro Rail Corporation Ltd.																		
Aarvee Associates	2										1		2					5
MWH ResourceNet India Pvt. Ltd.			1									1						2
Total	5	3	3	3	4	3	2	4	3	7	2	4	6	1	0	3	2	55

M.Tech Dream Job

S N	Company Name	STR	SDE E	WRE	PED	IPS	VL SI	CS E	HPE	IN D	CAD- CAM	TRE	EN V	CTM	MTE	Urban	CMN	EXCV	Total
1.	Morgan Stanley							1											1
2.	MAQ Software							1											1
3.	OFSS							2											2
4.	Goldman Sachs																		
5.	FactSet Systems India Pvt Ltd							2											2
6.	Ittiam Systems Private Limited							1											1
7.	CouponDunia																		
8.	Numerify Software																		
9.	D E Shaw & Co																		
10.	Innobi																		
11.	Oracle India Private Limited																		
12.	SAP Labs India																		
13.	Clairvolex Knowledge Processes Pvt.						1										1		2
14.	Excellon Software Pvt. Ltd.							2											2
15.	Nykaa							1											1
	Total						1	10									1		12

M.Sc. Normal Job

Sr. No.	Company Name	Physics	Chemistry	Mathematics	Total
1.	Infosys	--	--	01	01

B.Arch. Normal Jobs

Sr.No.	Company Name	Architecture	Total
1.	Godrej & Boyce Mfg. Co. Ltd.	02	02



Games and Sports

6. GAMES AND SPORTS

6.1 Games and Sports- General

Research indicates that regular physical education, included in curriculum, produces physical, psychological, and intellectual benefits. Physical education may help prevent degenerative disease, improve overall physical condition, maintain emotional balance, promote a sense of social effectiveness, contribute to academic performance, and establish positive recreation habits. Therefore, physical education must be supported as an integral part of comprehensive education.

Sports and Games are essentials components of Human Resource Development, holding to promote good health, comradeship and spirit of healthy competition, which in turn, has positive and deep impact on the holistic development of the personality of the youth who is a potential source of energy, enthusiasm and inspiration for development, progress and prosperity of the nation.

Further, excellence in sports enhances the sense of achievements, national pride and patriotism. Sports being practical way of education facilitate beneficial recreation, improve productivity, foster social harmony inculcating sense of discipline and dedication in general life. Sports give a strong message of peace, friendship and understanding among the people of participants. Today, sports are prime need in a civilized society, as it helps to promote national integration, emotional integrity and professional intellect among the participants.

According to UNESCO General Conference (1978) Article 1; which advocates that practice of physical education and sport is a fundamental right for all:

- 1.1 Every human being has a fundamental right of access to physical education and sport, which are essential for the full development of his personality. The freedom to develop physical, intellectual and moral powers through physical education and sport must be guaranteed both within the educational system and in other aspects of social life.
- 1.2 Every one must have full opportunities, in accordance with his national tradition of sport, for practicing physical education and sport, developing his physical fitness and attaining a level of achievement in sport which corresponds to his gifts.

The Article 2; further endorse that Physical education and sport form an essential element of lifelong education in the overall education system:

- 2.1 Physical education and sport, as an practice of sports must be ensured throughout life by means of a global, lifelong and democratized education.
- 2.2 At the individual level, physical education and sport contribute to the essential dimension of education and culture, must develop the abilities, will-power and self-discipline of every human being as a fully integrated member of society. The continuity of physical activity and the maintenance and improvement of health, provide a wholesome leisure-time occupation and enable man to overcome the drawbacks of modern living. At the community level, they enrich social relations and develop fair play, which is essential not only to sport itself but also to life in society.
- 2.3 Every overall education system must assign the requisite place and importance to physical education and sport in order to establish a balance and strengthen links between physical activities and other components of education.

National Institutions play a major role in physical education and sport.

It is essential that public authorities at all levels and specialized non-governmental bodies encourage those physical education and sport activities whose educational value is most evident. Their action shall consist enforcing legislation and regulations, providing material assistance and adopting all other measures of encouragement, stimulation and control. The public authorities will also ensure that such fiscal measures are adopted as may encourage these activities.

It is incumbent on all institutions responsible for physical education and sport to promote a consistent, overall and decentralized plan of action in the framework of lifelong education so as to allow for continuity and co-ordination between compulsory physical activities and those practiced freely and spontaneously.

Thus in tune with above ideology, the faculties of Physical Education at this institute exploit all the possible dimensions of physical education & sports through the variety of activities in our Institute:

- Physical Education is an audit course at the institute and they are taught sports skills, strategic preparation, and tactical preparation. Faculties of physical education work to increase the physical fitness of first year students (more than 750 in number) through various physical fitness programs. Apart from this teaching on play fields, they are also taught Physiological, Psychological, Sociological and Emotional aspects associated with sports and physical activities through talks and seminars.
- Health club facilities are also provided to the students where they practice various health related Gymnasium activities in the allotted Morning and Evening hours under the guidance of a trained coach.
- Sports medicine Research Lab: Physiological parameters related with physical fitness of staff and students are also examined through Sports Medicine Lab equipments. Suitable Physical Fitness programs are advised to the students as well as staff members of the institute after evaluating their physical fitness. Overweight and underweight students are also given appropriate weight gain and weight loss programs by the faculties of physical education.
- Coaching facilities are also made available to the students selected by conducting the selection trials of various games. Specialized Coaches for are appointed to train the students going to participate in various in Inter-NIT Tournaments.
- Another attractive sporting activity is the Institute Gathering and “Vihang- for PG students” which is organized every year by the students under the supervision of the Physical Education section. This is an event, where various inter-departmental sports activities are conducted with overwhelming response where the participants are students institute teaching and non-teaching staff.

Medical examination:

Medical Examination is compulsory for all the first year B. Tech. /B. Arch. students in first semester itself. This examination is done by our Medical Officer Dr. S. Batra. and his team with the coordination of Physical Education section. This particular examination provides the data of students with postural deformities, obesity, underweight, stress, hypertension and some other medical problems. Thus with readily available data such students are provided individualized suitable physical fitness program.

6.2 The Memorable Moment:

Visit of Honorable Minister of Human Resource Development Madam Smriti Irani to inaugurate the Sports Complex-

The sports Complex was inaugurated at the hands of Honorable Minister of Human Resource Development Madam Smriti Irani on 11th of February 2016 in presence of honorable Chairman Shri Vishram Jamdar, honorable Director Dr. Narendra S. Chaudhari, various Deans, heads of various department and the faculties of Physical Education. Madam appreciated the indoor sports complex and the Cricket ground with six turf wickets; at the same time she was pleased to know that these infrastructures are being regularly utilized by U.G. and P.G. students. She was also happy to know about the achievements of VNIT in All India Inter NIT Tournaments. She also appreciated the activities conducted on the occasion of First International Day of Yoga.

6.3 Important events as per MHRD guidelines:

International Yoga Day:

According to MHRD directives, our Institute celebrated the **International Yoga Day on 21st of June 2015.**

To strengthen the holistic approach to health and well-being and wider dissemination of information about the benefits of practicing Yoga, our Institute also celebrated the **International Yoga Day at our institute's newly built Yoga hall in the sports complex on 21st of June 2015. Around 100 people including the honorable Chairman- Board of Governors VNIT, Nagpur Shri Vishramji Jamdar, in charge Director Dr. P. M. Padole, Registrar Dr. R.R. Yerpude, all the deans, staff members, family members of the staff actively participated in this historical moment.**

A team of yoga experts demonstrated various asanas, simultaneously all the participants also performed the asanas. Later on a guest lecture on yoga was delivered by Dr. Anil Karwande- Principal Ishwar Deshmukh College of Physical Education, Nagpur. Finally the "Yoga Sankalp" was recited by all the participants.

The complete program was coordinated by faculties in physical education Dr. Prashant Nagrale I/C Sports Section and Dr. Robin Simon along with the Registrar and Dean (SW).

Celebration of First Constitution Day:

The Constitution day was celebrated by reading the preamble of the constitution on 26th of November 2015 amongst the staff of Physical Education.

Observing Sadbhavana Diwas:

A pledge ceremony was conducted on 20th of August 2015 amongst the staff of Physical Education to observe the Sadbhavana Diwas.

6.4 Visits of Committees:

Director's Committee Visit:

A team of experts, Director, Registrar, Alumni inspected the Indoor and out door sports infrastructure available at sports section on 23rd of November 2015; they all appreciated with existing overall infrastructure.

NBA Visit:

The members of NBA team visited physical education section on 12th of February 2016 and inspected various facilities being provided to the students. The team members appreciated the indoor and outdoor sports infrastructures which are being provided to the students.

6.5 Tournaments organized by Government organizations:

Power Grid of Nagpur Region Cricket selection trials:

Dr. Prashant Nagrale the faculty in Physical Education helped to select the Cricket team for Power Grid of India-Nagpur Region during 15th to 17th of October 2015.

Power Grid Nagpur Region Volleyball selection trials:

The Volleyball courts were provided to Power Grid of India-Nagpur Region to conduct the Volleyball selection trials during 2nd to 4th of December 2015.

Power Grid Inter Region Volleyball Tournament:

The Volleyball courts were provided to Power Grid of India-Nagpur Region to conduct the Inter Region and Volleyball tournament during 6th to 8th of December 2015.

West Zone Inter Zonal Cricket tournament of Audit & Accountant General of India:

The Institute Cricket ground was also given to Audit & Accountant General of India to conduct their West Zone and Inter Zone Cricket tournament during 3rd to 9th of March 2016.

6.6 Participation of students in different games

The Institute encourages the students by exposing them to various Inter-NIT tournaments and also in local inter-collegiate tournaments. All the selected students are motivated by providing them with track suits and playing kits. Blazers are provided to all the student council members of the institute as a token of appreciation

Participation in All India Inter NIT Tournaments:

Through All India Inter NIT Tournament a student can exhibit his/ her talent amidst students of all the other NITs in India. This year total 128 students, 89(M) & 39 (W) participated in various All India Inter NIT Tournaments organized by various NITs in India. The following table shows the detail of participation by the institute in various All India Inter NIT Tournament organized by various NITs in India during the year 2015-16.

Sr. No.	Game	Tournament organized by	Duration	Total participants		Position
				Men	Women	
1	Kabaddi	NIT Rourkela	11 th to 13 th of February 2016	12	---	S/F
2	Kho- Kho			12	12	Women - Winner
3	Football			16	----	Q/F
4	Lawn Tennis	NIT Surat	11 th to 13 th of March 2016	4	4	Women - Winner Manjiri Wankhede was awarded with best player of the tournament Men- Third place
5	Volleyball			12	12	Men- Runner up
6	Badminton			5	----	Q/F
7	Basketball	NIT Calicut	26 th to 29 th of March 2016	12	11	Men- Runner up
8	Cricket			16	---	Men- Winner Ishan Hansaka Warnasuriya was awarded with best player of the tournament
Total Participants				89	39	

6.7 Local Tournaments :

The Institute also understands the importance of local tournaments and exposes the students in various local tournaments whenever it is possible as per the Academic Calendar. This year a local invitational intercollegiate tournament Football was organized during 24th to 29th of August 2015. PWS College Kamptee and Saint Francis De sales college Nagpur were Winner and Runner up respectively.

The Institute also participated in Dr. Punjabrao Deshmukh Sports Festival in the disciplines of Cricket, Basketball and Football tournament. The institute won the third place in Football.

Krik Mania :

Through this Invitational 50 limited over Cricket Tournament a platform is provided to the upcoming Cricketers of local colleges. Since last 23 years through this particular event students of the institute are learning various skills of organizing a sporting event under the guidance of Physical Education department. In present edition of Krik Mania Hislop College Nagpur won the tournament by defeating Dr. Ambedkar College, Nagpur.

Intramural and Krida Diwas(National Sports Day):

It is very important to provide maximum participation to the student community in sports, to keep the overall atmosphere of the institute healthy and sporting. Through this event students get all the opportunities to interact with each other and explore their hidden talent in sports. With this point of view and to encourage sports, the Physical Education Section celebrates the birth anniversary of the great Hockey legend Major Dhyanchand on 29th of August every year. This year following sports were organized under Annual Intramural program: Football, Cricket, Volleyball, Throw ball, Kho-Kho Table-Tennis, Kabaddi and Chess.

The objective of organizing such events in the campus is to involve the engineering students in some physical activities and teach them sportsmanship, team spirit and help them in socialization through sports activities. The biggest advantage of organizing such event, especially for the first year B. Tech. students is that every student of the first year know each other. It also helps to provide solid platform for their healthy social relationship throughout their academic course; students also learn skills of organization, administration, officiating and coaching.

Physical Efficiency Test:

Physical Fitness is an ability to carry out the daily tasks of the job with vigor and alertness, without undue fatigue, with ample energy to engage in leisure time pursuits and to meet the above average physical stresses in emergency situations.

The Physical Efficiency of every first year B. Tech. / B. Arch. student is measured by applying suitable tests of Physical Fitness. Components such as abdominal strength, respiratory endurance, flexibility of hip joint & hamstring muscles and speed are measured. PET is an important tool through which a student can know about his/ her physical efficiency as they have to perform all the below mention tests in one day itself. All the students they appreciate this unique physical activity as it helps them to know their capability to do strenuous job tasks.

Module of Physical Efficiency Test: PET- Level-1

Sr. No.	Component	Tests	Score
1	Respiratory Endurance	Cooper's Test 12 minute Run/Walk	Total distance covered during 12 minute is recorded with the help of stop watch, and VO2 Max is calculated by applying suitable formula
2	Speed	100 meter flat race for boys/ 60 meter flat race for girls	Timing 100Mt/ 60 Mt. is recorded in seconds for each student
3	Abdominal Strength	One minute Bent Knee Sit Ups	Maximum legal sit ups performed in one minute is recorded for each student
4	Shoulder Strength	Push Ups/Modified push ups for girls	Maximum push ups performed is recorded for each student
5	Flexibility of Hp Joint and Hamstring Muscles	Sit And Reach	Maximum stretching is recorded in centimeter with the help of measuring scale for each student

On the basis of performance of PET- Level-1 which is compulsory for every student but not competitive in nature; few students are selected for PET- Level-2 which is competitive in nature.

Components of PET- Level-2

Sr. No.	Component	Tests	Score
1	Speed Endurance	1500 Meter Run for Boys 800 Meter Run for Girls	Best timing for every participants recorded
2	Coordinative ability	20 meter Shuttle Run	Best timing for every participants recorded
3	Explosive strength of Leg and back muscles	Standing Broad Jump	The distance jumped is recorded in feet and inches
4	Abdominal Strength	One minute Bent Knee Sit Ups	Maximum legal sit ups performed in one minute is recorded for each student
5	Flexibility of Hip Joint and Hamstring Muscles	Sit And Reach	Maximum stretching is recorded in centimeter with the help of measuring scale for each student

Table showing Best Athletes of PET-Level-2 with their performance

Sr. No.	Name	Roll No.	Score	Rank
Boy				
1	B. N. Srinivas	BA15ARC003	45.77	1
2	Manohar Jakhar	Z042	43.50	2
3	Om Kumbhare	L012	42.53	3
Girl				
1	Jyoti Meena	Y011	45.78	1
2	Nemuri Pavani	T050	44.02	2
3	Shivali Bhanpurkar	S022	41.77	3

6.8 Felicitation of Students:

Following students are felicitated during the annual prize distribution ceremony of Intramural Tournaments.

- All the students who brought laurels to the institute by winning trophies All the first year students who represented the institute in All India Inter NIT Tournaments
- Winner of intramural tournaments
- Overall Championship trophies
- Best Class Sports representative Boy and Girl
- The best three athletes in Male and Female categories are then felicitated with mementoes and track suits.

6.9 Sports facilities available in the Campus

- One Cricket Ground with six Turf wickets.
- One Football Ground with flood light arrangement.
- Two Volleyball Courts with flood light arrangement
- Three Lawn Tennis Courts.
- One Flood light Basketball Court.
- One Kho- Ko ground with flood light arrangement
- One Kabaddi ground with flood light arrangement
- Well equipped Gymnasium
- Table Tennis Hall
- Cricket pavilion with the seating capacity of 500 students
- Indoor Badminton Stadium with four Wooden sprung Surfaced Badminton courts
- A big hall to accommodate at least 12 Table Tennis Tables
- A hall to practice Yoga
- Class room
- Sports Medicine Research Lab



Human Resources

7. HUMAN RESOURCES

7.1 Staff Position

Teaching staff (sanctioned / in position)

Categories of the staff	Professor	Associate Professor	Assistant Professor	Total
Sanctioned strength	48	96	191	335
In position strength	36	54	100 +2#	192

2 Lecturer in Students Activity and Sports Center

Non Teaching Group “A” Staff Position

Sr. No	Category	Sanctioned Posts	Staff in Position	Vacant Post
1	Registrar	1	0	1
2	Dy. Registrar	4	3	1
3	Asst. Registrar	6	4	2
4	Librarian	1	0	1
5	Dy. Librarian	1	0	1
6	Asst. Librarian	1	0	1
7	Principal Technical Officer	2	1	1
8	Sr. Scientific/Technical Officer	3	3	0
9	Scientific/Technical Officer	9	1	8
7	Executive Engineer	1	1	0
8	Assistant Ex. Engineer	2	0	2
9	Sr. Medical Officer	1	0	1
10	Medical Officer	1	0	1
	Total	33	13	20

1. Shri K.N. Dakhale, Dy. Registrar, Stores Section is on lien to this institute from IIT Kanpur.

Group "B" Staff Position

Sub-Cadre	Sanctioned	Actual
Tech. Asst / SAS Asst / Jr. Engineer / Sr. Pharmacist	43	18
Sr. TA / Sr. SAS Asst / Asst. Engineer / Pharmacist(SG II)	34	13
Staff Nurse		1
TA(SG II)/ SAS Asst (SG II)/AEE	22	1
Superintendent/Accountant	12	6
Secretary		1
Security Officer		
Sr,Superintendent / Accountant / Secretary	9	NIL
Sr,Secretary		
Superintendent / Accountant / Secretary (SG-II)	6	NIL
Secretary (SG-II)		
Stenographer SG-I	1	01*
Stenographer SG-II	2	04*
Technical/Lab/Work Assistant (SG I)	2	NIL
Assistant(SG-I)	4	NIL
Grand Total	135	45

Note:- * Shall be continued with same PB & GP with modified designations, as they are continued since REC system.

Group "C" Staff Position

Sub-Cadre	Sanctioned strength	Actual strength
Technician/Lab/Work Assistant	44	14
Sr.Technician/Sr. Lab/Sr. Work Asst.	34	17
Technician/Lab/Work Assistant (SG II)	21	15
Library Assistant		
Pharmacist	1	1
Jr.Assistant	26	9
Sr.Assistant	19	15
Assistant(SG-II)	6	7
Grand Total(A+B+C+D)	151	78

Supporting Staff Position

Sanctioned strength	50
In position strength	69

7.2 Faculty Position in Departments

Name of the Department	Professor	Associate. Professor	Assistant. Professor	Total
Applied Mechanics	5	3	7	15
Architecture & Planning.	2	5	10	17
Applied Chemistry	1	3	8	12
Chemical Engg.	0	3	14	17
Civil Engg.	4	7	6	17
Computer Science Engg.	2	4	10	16
Electrical Engg.	4	9	8	21
Electronics & Comm. Engg.	4	1	10	15
Center for VLSI & Nanotechnology	2	1	1	4
Humanities	-	2	3	5
Applied Mathematics	1	1	11	13
Mechanical Engg.	6	6	17	29
Metallurgical and Materials Engineering	4	4	8	16
Mining Engg.	3	2	5	10
Applied Physics	1	3	7	11
Total (in Position)	39	54	125	218
Total Sanctioned Position	48	96	191	335

In Physical Education :

Lecturer In Physical Education	2
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7.3 List of Faculty Members

Sr. No.	Name	Designation	Department	Qualification
1.	Dr. Laxmikant Madanmanohar Gupta	Professor	Applied Mechanics	B.E., M.Tech., Ph.D.
2.	Dr. Ramakant Kisansing Ingle	Professor	Applied Mechanics	M.Tech. Ph.D.
3.	Dr. Omprakash Ramakant Jaiswal	Professor	Applied Mechanics	B.E., M.Tech., Ph.D.
4.	Dr. Girish Narayanrao Ronghe	Professor	Applied Mechanics	M.Tech., Ph.D.
5.	Dr. Mukund Madhavrao Mahajan	Professor	Applied Mechanics	M.Tech., Ph.D.,
6.	Dr. Sachin Vasant Bakre	Associate Professor	Applied Mechanics	B.E., M.Tech., Ph.D.
7.	Dr. Smt. Sangeeta Surendra Gadve	Associate Professor	Applied Mechanics	B.E., M.E., Ph.D.
8.	Dr Ranjan Sadashivrao Sonparote	Associate Professor	Applied Mechanics	M.Tech., Ph.D.
9.	Dr. Ratnesh Kumar	Assistant Professor	Applied Mechanics	B.E., M.Tech., Ph.D.
10.	Shri. Sanjay Bhanukumar Borghate	Assistant Professor	Applied Mechanics	M.Tech.

Sr. No.	Name	Designation	Department	Qualification
11.	Dr. Ku. Debarati Datta	Assistant Professor	Applied Mechanics	B.E., M.E., Ph.D.
12.	Shri. Arvind Y Vyavahare	Assistant Professor	Applied Mechanics	B.E., M.Tech
13.	Shri. Ashish P Khatri	Assistant Professor	Applied Mechanics	B.E., M.Tech
14.	Dr. Vinayak Sakharam Adane	Professor	Arch.& Planning	B.Arch., M.E., T & CP AITP, AIIP, Ph.D.
15.	Dr. Smt. Alpana Rajendra Dongre	Professor	Arch.& Planning	B. Arch., M.Arch, Ph.D.
16.	Dr. Smt. Rajashree S. Kotharkar	Associate Professor	Arch.& Planning	B.Arch., MUP, Ph.D
17.	Dr. Vilas Kesharao Bakde	Associate Professor	Arch.& Planning	B.Arch., M.Tech. Ph.D
18.	Dr. Vijay Shriramji Kapse	Associate Professor	Arch.& Planning	B.Arch., M.Tech. (Urban Plng.), Ph.D.
19.	Dr. Smt. Chandra Seomal Sabnani	Associate Professor	Arch.& Planning	M.Arch., Ph.D
20.	Dr. Akshay Prabhakar Patil	Associate Professor	Arch.& Planning	B.Arch, P.G. Diploma In Urban Design, Ph.D
21.	Dr. Smt. Smita Habeeb Khan	Assistant Professor	Arch.& Planning	B.Arch., M.Arch.Ph.D.
22.	Shri. Aniket Manohar Deshmukh	Assistant	Arch.& Planning	B.Arch.,
23.	Shri. Kishor Narsing Joglekar	Assistant Professor	Arch.& Planning	B.Arch., AIIA, M.Tech.
24.	Dr. Smt. Vidya Vinayak Ghuge	Assistant Professor	Arch.& Planning	B.Arch., M.Tech , Ph.D
25.	Dr. Sameer Moreshwar Deshkar	Assistant Professor	Arch.& Planning	B.Arch, M.Plan, Ph.D
26.	Shri. Amit Manohar Deshmukh	Assistant Professor	Arch.& Planning	B.Arch, M.Tech
27.	Shri. Amit Jankiram Wahurwagh	Assistant Professor	Arch.& Planning	B. Arch , M. Arch
28.	Smt. Sarika Pankaj Bahadure	Assistant Professor	Arch.& Planning	B.Arch, M.Tech Urban Planning
29.	Shri. Pankaj Nilkanth Bahadure	Assistant Professor (On Contract)	Arch.& Planning	B.Arch, Master of City Planning.

Sr. No.	Name	Designation	Department	Qualification
30.	Dr. Suresh Sudam Umare	Professor	Applied Chemistry	M.Sc., Ph.D.
31.	Dr. Jayant Dattatraya Ekhe	Associate Professor	Applied Chemistry	M.Sc., Ph.D.
32.	Dr. Smt. Anupama Kumar	Associate Professor	Applied Chemistry	B.Sc., M.Sc, M.Phil, Ph.D
33.	Dr. Sujit Kumar Ghosh	Associate Professor	Applied Chemistry	B.Sc., M.Sc, Ph.D
34.	Dr. Chayan Das	Asistant Professor	Applied Chemistry	B.Sc., M.Sc., Ph.D., NET
35.	Dr. Smt. Ramani Vila s Motghare	Asistant Professor	Applied Chemistry	B.Sc., M.Sc, B.Ed., Ph.D.
36.	Dr. Umesh Rohidas Pratap	Assistant Professor (On Contract)	Applied Chemistry	B.Sc., M.Sc., Ph.D.
37.	Dr. Sangesh Prabhakar Zodape	Assistant Professor	Applied Chemistry	B.Sc., M.Sc., M.Phil., Ph.D.
38.	Shri. Atul Vinayakrao Wankhade	Assistant Professor	Applied Chemistry	B.Sc. , M.Sc, B.Ed. Ph.D.
39.	Dr. Smt. Sorokhaibam Laxmi Gayatri	Assistant Professor (On Contract)	Applied Chemistry	B.Sc., M.Sc., Ph.D.
40.	Dr. Shusanta Kumar Nayak	Assistant Professor (On Contract)	Applied Chemistry	B.Sc., M.Sc., Ph.D.
41.	Dr. Kailas Lachchulal Wasewar	Associate Professor	Chemical Engineering	B.Tech., M. Tech, Ph.D.
42.	Dr. Sachin A Mandavgane	Associate Professor	Chemical Engineering	B.Tech, M.E., Ph.D.
43.	Dr. Ashish Subhash Chaurasia	Associate Professor	Chemical Engineering	B.Tech, M.E., Ph.D., Post Doctorate
44.	Dr. Pradip Babanrao Dhamole	Assistant Professor	Chemical Engineering	B.E., M.E., Ph.D.
45.	Dr. Mahesh Nandalal Varma	Assistant Rofessor	Chemical Engineering	B.E., M.Tech., Ph.D.
46.	Dr. Ravi Namdeo Methkar	Assistant Professor	Chemical Engineering	B.E., M.Tech, Ph.D.
47.	Dr. Diwakar Zaporu Shende	Assistant Professor	Chemical Engineering	B.E., M.Tech, Ph.D.
48.	Dr. Ajit Pralhad Rathod	Assistant Professor	Chemical Engineering	B.Tech, M.Tech, Ph.D.
49.	Dr. Shriram Shaligram Sonawane	Assistant Professor	Chemical Engineering	B.Tech., M.Tech, Ph.D.
50.	Dr. Vijayakumar R. P.	Assistant Professor	Chemical Engineering	B.Tech., M.Tech, Ph.D.

Sr. No.	Name	Designation	Department	Qualification
51.	Dr. C Ravikumar	Assistant Professor (On Contract)	Chemical Engineering	B.Tech., M.E., Ph.D.
52.	Shri. Shyam Marotrao Kodape	Assistant Professor	Chemical Engineering	B.Tech., M.Tech
53.	Smt. Sonali Pravin Tajane	Assistant Professor	Chemical Engineering	B.Tech., M.Tech
54.	Dr. Shailesh Ghanashyam Agrawal	Assistant Professor (On Contract)	Chemical Engineering	B.Tech., M.Tech, Ph.D
55.	Dr. Ashwin Kannan	Assistant Professor (On Contract)	Chemical Engineering	B.E., M.S., Ph.D.
56.	Dr. Piyush Purushottam Wanjari	Assistant Professor (On Contract)	Chemical Engineering	B.Tech., Ph.D
57.	Dr. Ashwin Pandhari Gaikwad	Assistant Professor (On Contract)	Chemical Engineering	B.Tech., M.Tech, Ph.D.
58.	Dr. Vasant Anant Mhaisalkar	Professor	Civil Engineering	M.Tech., Ph.D.
59.	Dr. Rajesh Gupta	Professor	Civil Engineering	M.Tech., Ph.D.
60.	Dr. Yashwant Bhaskar Katpatal	Professor	Civil Engineering	M.Tech., Ph.D.
61.	Dr. Smt. Madhuwanti Vinayak Latkar	Associate Professor	Civil Engineering	M.Sc., Ph.D.
62.	Dr. Ajay Raghunath Tembhurkar	Associate Professor	Civil Engineering	B.E., M.Tech., Ph.D.
63.	Dr. Dilip H Lataye	Associate Professor	Civil Engineering	B.E., Ph.D.
64.	Dr. Rahul Vasant Ralegaonkar	Associate Professor	Civil Engineering	B.E., M.E., Ph.D
65.	Dr. Vishrut Suresh Landge	Associate Professor	Civil Engineering	B.E., M.E., Ph.D.
66.	Dr. Aniruddha D Ghare	Associate Professor	Civil Engineering	B.E., M.Tech, Ph.D.
67.	Dr. Anirban Chandi Das Mandal	Associate Professor	Civil Engineering	B.E., M.Tech, Ph.D.
68.	Dr. Avinash Durgadas Vasudeo	Assistant Professor	Civil Engineering	B.E., M.Tech, Ph.D
69.	Dr. Anjan Raghunath Patel	Assistant Professor	Civil Engineering	B.E., M.Tech, Ph.D.
70.	Dr. Smt. Shilpa Ramnathji Dongre	Assistant Professor	Civil Engineering	B.E., M.Tech, Ph.D.
71.	Dr. Swapnil Purushottam Wanjari	Assistant Professor	Civil Engineering	B.E., M.Tech, Ph.D

Sr. No.	Name	Designation	Department	Qualification
72.	Shri. Abhay G Tawalare	Assistant Professor	Civil Engineering	B.E., M.Tech
73.	Dr. Smt. Ashwini Baswaraj Mirajkar	Assistant Professor (On Contract)	Civil Engineering	B.E. M.E., Ph.D.
74.	Dr. Shailesh Ramchandra Sathe	Professor	Computer Science and Engineering	B.E., M.Tech., Ph.D.
75.	Dr. Omprakash Gopalrao Kakde	Professor	Computer Science and Engineering	B.E., M.Tech., Ph.D.
76.	Dr. Parag Sham Deshpande	Associate Professor	Computer Science and Engineering	M.Tech., Ph.D.
77.	Dr. Umesh Ashok Deshpande	Associate Professor	Computer Science and Engineering	M.Tech., Ph.D.
78.	Dr. Ravindra Bhaskar Keskar	Associate Professor	Computer Science and Engineering	B.E., M.Tech, Ph.D.
79.	Dr. Manish Prakash Kurhekar	Associate Professor	Computer Science and Engineering	B.E., M. Tech, Ph.D.
80.	Shri. Anil Suryabhan Mokhade	Assistant Professor	Computer Science and Engineering	M.Tech.
81.	Dr. Smt. Meera Mukul Dhabu	Assistant Professor	Computer Science and Engineering	B.E., M.E., Ph.D
82.	Shri. Ashish Srinivas Tiwari	Assistant Professor	Computer Science and Engineering	B.Sc. Engg., M.E.
83.	Dr. Smt. Shital Adarsh Raut	Assistant Professor	Computer Science and Engineering	B.E., M.E., Ph.D
84.	Dr. Smt. Dipti Deepak Shrimankar	Assistant Professor	Computer Science and Engineering	B.E., M. Tech, Ph.D.
85.	Dr. Poonam Sharma	Assistant Professor (On Contract)	Computer Science and Engineering	B.E., M.Tech, Ph.D.
86.	Smt. Mansi Anup Radke	Assistant Professor (On Contract)	Computer Science and Engineering	B.E., M.S.
87.	Dr. Hiralal Murlidhar Suryawanshi	Professor	Electrical Engineering	B.E., M.E., Ph.D
88.	Dr. Mohan Vithalrao Aware	Professor	Electrical Engineering	M.Tech., Ph.D.
89.	Dr. Sudhir Ramkrishna Bhide	Professor	Electrical Engineering	B.E., M. Tech, Ph.D.
90.	Dr. Mohan Krishnarao Khedkar	Professor	Electrical Engineering	B.E. M.Tech, Ph.D.
91.	Dr. Prakash Shyamkant Kulkarni	Associate Professor	Electrical Engineering	M.E., Ph.D.
92.	Dr. Vijaykumar Bhanukumar Borghate	Associate Professor	Electrical Engineering	M.Tech., Ph.D.
93.	Dr. Bhimrao Sitaram Umare	Associate Professor	Electrical Engineering	M.Tech. , Ph.D.

Sr. No.	Name	Designation	Department	Qualification
94.	Dr. Sunil Sharadrao Bhat	Associate Professor	Electrical Engineering	B.E., M.Tech, DBM, Ph.D
95.	Dr. Manojkumar Raju Ramteke	Associate Professor	Electrical Engineering	A.M.I.E., M.Tech. Ph.D.
96.	Dr. Smt. Anjali Suresh Junghare	Associate Professor	Electrical Engineering	B.E., M.Tech, Ph.D.
97.	Dr. Smt. Madhuri Avinash Chaudhari	Associate Professor	Electrical Engineering	B.E., M.Tech, Ph.D.
98.	Dr. Vijay Shankarrao Kale	Associate Professor	Electrical Engineering	B.E., Ph.D
99.	Dr. Makarand Sudhakar Ballal	Associate Professor	Electrical Engineering	B.E., M.Tech, Ph.D.
100.	Shri. Shirish R Tambay	Assistant Professor	Electrical Engineering	M.Tech.
101.	Dr. Nita Ravindra Patne	Assistant Professor	Electrical Engineering	B.E., M.Tech, Ph.D.
102.	Dr. Makarand Mohan Lokhande	Assistant Professor	Electrical Engineering	B.E., M.E., Ph.D.
103.	Dr. Ashwin Dhabale	Assistant Professor	Electrical Engineering	B.E., M.Tech, Ph.D.
104.	Smt. Rajashri Jeetendra Satputaley	Assistant Professor	Electrical Engineering	B.E., M.E- EPS
105.	Dr. Ritesh Kumar Keshri	Assistant Professor (On Contract)	Electrical Engineering	B.Sc. (Engg), M. Tech, Ph.D.
106.	Dr. Avinash Gajanan Keskar	Professor	Electronics Engineering	B.E., M.E., Ph.D.
107.	Dr. Abhay Suresh Gandhi	Professor	Electronics Engineering	B.E., M.Tech., Ph.D.
108.	Dr. Kishore Madhukarrao Bhurchandi	Professor	Electronics Engineering	B.E., M.E., Ph.D.
109.	Dr. Kishor Damodar Kulat	Professor	Electronics Engineering	B.E., M.Tech., Ph.D.
110.	Dr. Ashwin Ganesh Kothari	Associate Professor	Electronics Engineering	M.Tech. Ph.D
111.	Dr. Vishal Ramesh Satpute	Assistant Professor	Electronics Engineering	B.E., M.Tech., Ph.D.
112.	Smt. Pradnya H Ghare	Assistant Professor	Electronics Engineering	B.E., M.Tech
113.	Shri. Joydeep Subir Sengupta	Assistant Professor	Electronics Engineering	B. Tech., M.Tech.
114.	Shri. Kannaiyan Surender	Assistant Professor	Electronics Engineering	Diploma, B.E., M. Tech.
115.	Dr. Saugata Sinha	Assistant Professor (On Contract)	Electronics Engineering	B.Tech., Ph.D.

Sr. No.	Name	Designation	Department	Qualification
116.	Dr. Prabhat Kumar Sharma	Assistant Professor (On Contract)	Electronics Engineering	B.Tech, M.Tech, Ph.D.
117.	Dr. Vinay Kumar Ramprit Tripathi	Assistant Professor	Electronics Engineering	B.Tech, M Tech, Ph.D.
118.	Dr. Raghavendra Baswant Deshmukh	Professor	Center for VLSI & Nanotechnology	B.E., M.Tech. Ph.D.
119.	Dr. Rajendra Mukundrao Patrikar	Professor	Center for VLSI & Nanotechnology	B.Sc., M.Sc., M.Tech., Ph.D.
120.	Dr. Sanjay Bhargavdas Dhok	Associate Professor	Center for VLSI & Nanotechnology	M.Tech., Ph.D
121.	Dr. Ganesh Chintaman Patil	Assistant Professor (On Contract)	Center for VLSI & Nanotechnology	B.E., M.Tech., Ph.D.
122.	Dr. Smt. Madhumita Ghosal	Associate Professor	Humanities & Social Sciences	M.A.(Eng.), Pycte., High Dip. In French, Ph.D.
123.	Dr. Yogesh Madhukar Deshpande	Associate Professor	Humanities & Social Sciences	B.A., M.A., Ph.D
124.	Dr. Gopichand Namdeo Nimbarte	Assistant Professor	Humanities & Social Sciences	B.A., M.A. (Soc), M.A. (Eco), M.A. (MLT), Ph.D.
125.	Dr. Gyanprakash Singh	Professor	Applied Mathematics	M.Sc., Ph.D.
126.	Dr. Podila Pramod Chakravarthy	Associate Professor	Applied Mathematics	B.Sc., M.Sc., Ph.D.
127.	Dr. Smt. Pallavi Vasudeo Mahale	Assistant Professor	Applied Mathematics	B.Sc., M.Sc. Ph.D.
128.	Dr. Rajendra Prasad M. C. Pant	Assistant Professor	Applied Mathematics	B.Sc., M. A. Math, Ph.D
129.	Dr. Naga Raju Gande	Assistant Professor	Applied Mathematics	B.Sc., M.Sc., Ph.D.
130.	Dr. Masabathula Mallaiah Devakar	Assistant Professor	Applied Mathematics	B.Sc., M.Sc., Ph.D.
131.	Dr. Pradip Kumar Suresh Chandra Roul	Assistant Professor	Applied Mathematics	B.Sc., M.Sc., Ph.D.,
132.	Dr. Deepesh Kumar Patel	Assistant Professor (On Contract)	Applied Mathematics	B.Sc., M.Sc., Ph.D.
133.	Dr. Pramod Madhukarrao Padole	Professor	Mechanical Engineering	B.E., M.E., Ph.D.
134.	Dr. Hemant Trimbakrao Thorat	Professor	Mechanical Engineering	B.E., M.Tech. Ph.D.

Sr. No.	Name	Designation	Department	Qualification
135.	Dr. Nishikant Vinayak Deshpande	Professor	Mechanical Engineering	B.E., D.B.M., M.Tech., MIE, Ph.D.
136.	Dr. Shashikant Balwantrao Thombre	Professor	Mechanical Engineering	B.E., M.Tech. Ph.D.
137.	Dr. Abhay Kumar Madhusudan Kuthe	Professor	Mechanical Engineering	B.E., M.E., Ph.D.
138.	Dr. Animesh Nareshchandra Chatterjee	Professor	Mechanical Engineering	B.E., M.Tech., Ph.D.
139.	Dr. Vilas Ramdas Kalamkar	Associate Professor	Mechanical Engineering	B.E., M.E., Ph.D.
140.	Dr. Yogesh Madan Puri	Associate Professor	Mechanical Engineering	B.E., M.Tech., Ph.D.
141.	Dr. Subhash Vinayakrao Bopsetty	Associate Professor	Mechanical Engineering	B.E., M.Tech., Ph.D.
142.	Dr. Dhananjay Bapurao Zodpe	Associate Professor	Mechanical Engineering	B.E., M.Tech., Ph.D.
143.	Dr. Atul Bhalchandra Andhare	Associate Professor	Mechanical Engineering	B.E., M.Tech., Ph.D.
144.	Dr. Jiwak Gajananrao Suryawanshi	Associate Professor	Mechanical Engineering	B.E., M.Tech., Ph.D.
145.	Dr. Smt. Rashmi Vikram Uddanwadikar	Assistant Professor	Mechanical Engineering	B.E., M.E., Ph.D.
146.	Dr. Ashwinkumar S Dhoble	Assistant Professor	Mechanical Engineering	B.E., M.Tech, Ph.D.
147.	Dr. Smt. Shital Sudhakar Chiddarwar	Assistant Professor	Mechanical Engineering	B.E., M.Tech, M.B.A., Ph.D.
148.	Dr. Hemant Prabhakar Jawale	Assistant Professor	Mechanical Engineering	B.E., M.Tech, Ph.D
149.	Dr. Arunkumar Vashistha Singh	Assistant Professor	Mechanical Engineering	B.E., M.Tech, Ph.D.
150.	Shri. Vinod Manikrao Nistane	Assistant Professor	Mechanical Engineering	B.E. , M.Tech
151.	Shri. Mangesh Sahebrao Kotambkar	Assistant Professor	Mechanical Engineering	B.E., M.Tech, Ph.D.
152.	Dr. Tushar Gohil	Assistant Professor (On Contract)	Mechanical Engineering	B.E., M.E., Ph.D.
153.	Shri. Nitin Kumar Fago Laure	Assistant Professor	Mechanical Engineering	B.E., M.Tech
154.	Shri. Avinash Ajabrao Thakre	Assistant Professor	Mechanical Engineering	B.E., M.Tech
155.	Dr. Kishor Mahadeorao Ashtankar	Assistant Professor	Mechanical Engineering	B.E., M.Tech, Ph.D.
156.	Shri. Dhananjay A Jolhe	Assistant Professor	Mechanical Engineering	B.E., M.Tech

Sr. No.	Name	Designation	Department	Qualification
157.	Shri. Pravin D Sawarkar	Assistant Professor	Mechanical Engineering	B.E., M.Tech
158.	Shri. Prasad Vijay Kane	Assistant Professor	Mechanical Engineering	B.E., M.Tech
159.	Dr. T V K Gupta	Assistant Professor (On Contract)	Mechanical Engineering	B.E., M.Tech, Ph.D.
160.	Dr. Gaurav Tiwari	Assistant Professor (On Contract)	Mechanical Engineering	B.E., M.Tech., Ph.D.
161.	Dr. Ravikumar Dumpala	Assistant Professor (On Contract)	Mechanical Engineering	B.E., M.Tech, Ph.D.
162.	Dr. Shri. Dilip Ramkrishna Peshwe	Professor	Metallurgical And Materials Engineering	B.E., M.Tech., Ph.D.
163.	Dr. Awanikumar Parashuramji Patil	Professor	Metallurgical And Materials Engineering	B.E., M.Tech., Ph.D.
164.	Dr. Sanjay Gangaram Sapate	Professor	Metallurgical And Materials Engineering	B.E., M.Tech., Ph.D.
165.	Dr. Jatin Bhatt	Associate Professor	Metallurgical And Materials Engineering	B.E., M.Tech, Ph.D.
166.	Dr. Sailendra Nath Paul	Associate Professor	Metallurgical And Materials Engineering	B.E., M.Tech., Ph.D.
167.	Shri. Deepak Vasant Moghe	Associate Professor	Metallurgical And Materials Engineering	B.E., M.Tech.
168.	Dr. Ajay Anand Likhite	Associate Professor	Metallurgical And Materials Engineering	B.E., M.Tech, Ph.D.
169.	Dr. Ramesh C Rathod	Assistant Professor	Metallurgical And Materials Engineering	B.E. M.Tech., Ph.D
170.	Dr. Atul Ramesh Ballal	Assistant Professor	Metallurgical And Materials Engineering	B.E., M.Tech., Ph.D
171.	Dr. Ravindra Vasantrao Taiwade	Assistant Professor	Metallurgical And Materials Engineering	B.E, M. Tech, Ph.D.
172.	Dr. Rajesh Kisni Khatirkar	Asstistant Professor	Metallurgical And Materials Engineering	B.E., M.Tech., Ph.D.

Sr. No.	Name	Designation	Department	Qualification
173.	Shri. Yogesh Yadavrao Mahajan	Assistant Professor	Metallurgical And Materials Engineering	B.E., M.Tech
174.	Dr.Smt. Manjusha Mangesh Thawre	Assistant Professor	Metallurgical And Materials Engineering	B.E., M. Tech, Ph.D.
175.	Dr. Ajeet Kumar Srivastav	Assistant Professor (On Contract)	Metallurgical And Materials Engineering	B.Tech, M. Tech, Ph.D.
176.	Dr. Rajendra Ramchandra Yerpude	Professor	Mining Engineering	Dip. in Mine., M.Tech., Ph.D.
177.	Dr. Niranjana Ramchandra Thote	Professor	Mining Engineering	B.E., M.Tech., Ph.D.
178.	Dr. Ishwardas Laxmandas Muthreja	Associate Professor	Mining Engineering	B.E., M.Tech. Ph.D.
179.	Dr. Shyam Sumantrao Gupte	Associate Professor	Mining Engineering	B.E., M.Tech., Ph.D.
180.	Shri. Sandeep Manilal Panchal	Assistant Professor	Mining Engineering	B.E., M.Tech
181.	Dr. Vilas Krishnarao Deshpande	Professor	Applied Physics	M.Sc., Ph.D.
182.	Dr. Rupesh Sukhdeo Gedam	Associate Professor	Applied Physics	M.Sc., Ph.D.
183.	Dr. Babasaheb Raghunath Sankapal	Associate Professor	Applied Physics	B.Sc. , M.Sc., Ph.D.
184.	Dr. Gali Hema Chandra	Associate Professor	Applied Physics	B.Sc., M.Sc., M.Phil, Ph.D.
185.	Dr. Smt. Sushma Milind Giripunje	Assistant Professor	Applied Physics	B.Sc., M.Sc., B.Ed, Ph.D.
186.	Dr.Smt. Anuradha Vilas Deshpande	Assistant Professor	Applied Physics	B.Sc., M.Sc., Ph.D.
187.	Dr. Smt. Sujata Rajendra Patrikar	Assistant Professor	Applied Physics	B.Sc., M.Sc, M.Tech, Ph.D.
188.	Dr. K. Mohan Kant .	Assistant Professor	Applied Physics	Bs.C, M.Sc., M.E., Ph.D.
189.	Dr. M. S. Ramkarthik	Assistant Professor (On Contract)	Applied Physics	B.Sc., M.Sc., Ph.D.
190.	Dr. Poorva Singh	Assistant Professor (On Contract)	Applied Physics	B.Sc., M.Sc., Ph.D.
191.	Dr. Prashant Sundardas Nagrale	Lecturer	Physical Education	B.P.Ed., M.P.Ed., NET, Ph.D
192.	Dr. Robin Frank Simon	Lecturer	Physical Education	B.Sc., B.P.Ed., M.P.Ed., Ph.D., NET

7.4 Newly Joined Faculty Members

Sr. No.	Name	Designation	Department	Date of Joining	Qualification
1	Dr. Poorva Singh	Assistant Professor (On Contract)	Physics	11.05.2015 FN	B.Sc., M.Sc., Ph.D.
2	Dr. Ravikumar Dumpala	Assistant Professor (On Contract)	Mechanical	01.06.2015 FN	B.E., M.Tech, Ph.D.
3	Dr. Ajeet Kumar Srivastav	Assistant Professor (On Contract)	Metallurgical	09.06.2015 FN	B.Tech, M.Tech, Ph.D.
4	Dr. Gaurav Tiwari	Assistant Professor (On Contract)	Mechanical	15.06.2015 FN	B.E., M. Tech., Ph.D.
5	Dr. Mrs. Poonam Sharma	Assistant Professor (On Contract)	Computer Science	22.06.2015 FN	B.E., M.Tech, Ph.D.
6	Dr. Prabhat Kumar Sharma	Assistant Professor (On Contract)	Electronics	22.06.2015 FN	B.Tech, M.Tech, Ph.D.
7	Dr. Makarand M Lokhande	Assistant Professor (On Contract)	Electrical	23.06.2015 FN	B.E., M.E., Ph.D.
8	Dr. Saugata Singh	Assistant Professor (On Contract)	Electronics	23.06.2015 FN	B.Tech, Ph.D.
9	Dr. Ganesh C. Patil	Assistant Professor (On Contract)	Center for VLSI & Nanotech.	05.08.2015 FN	B.E., M.Tech., Ph.D.
10	Dr. Ritesh Kumar Keshri	Assistant Professor (On Contract)	Electrical	14.08.2015 AN	B.Sc. (Engg), M.Tech, Ph.D.

7.5 Non Teaching Group "A" Staff Members

Sr. No.	Name	Designation	Department	Qualification
1	Dr. Devidas H Maiske	Principal Technical Officer	Computer Centre	B.Tech, M.E., Ph.D.
2	Shri. Vivek Jagdish Abhyankar	Sr. Technical Officer	Computer Centre	B.E., M.Tech., Dip. in Digital Elec.
3	Ku. Meenakshi Bhaurao Bhivgade	Sr. Technical Officer	Computer Centre	B.E., M.Tech.
4	Smt. Madhuri Rajiv Pimple	Sr. Technical Officer	Computer Science And Engineering	B.E., C-Level Master Diploma in Computer Technology

Sr. No.	Name	Designation	Department	Qualification
5	Shri. Keju Gopalrao Barapatre	Executive Engineer	Estate Maintenance	B.E., M.Tech
6	Shri. Vinayak Dadarao Ghuge	Technical Officer	Workshop (Mech.Engg.)	B.E., M.Tech
7	Shri. Dharmesh Madhukar Parate	Deputy Registrar	Academic	D.T.M., B. Text., M.Tech.
8	Dr. Satyendra Marotrao Deshmukh	Deputy Registrar	Establishment & Adm.	B.E., M. Tech., Ph.D., MIRPM
9	Shri Kailas Natthuji Dakhale	Deputy Registrar (On Lien From IIT Kanpur)	Store And Exam Section	B.E., PG MIRPM, LLB, MS-CIT
10	Shri. Ashok Ganpatrao Bhurle	Assistant Registrar	Institute Activities	Dip. in Mech, B.Com, M.Tech
11	Smt. Anushree A Ansingkar	Assistant Registrar	Examination	B.Com, M.Com
12	Shri. Nikhil Baburao Chingalwar	Assistant Registrar	Hostel	B.Sc., Diploma in Comp. Sc., M.B.A.
13	Shri. Rajnesh Medi Pandarinath	Assistant Registrar	Establishment	B.Tech., M.Tech.

Group "A" Staff joined VNIT during the year - NIL

7.6 Non teaching Group "B" Staff Members

Sr. No.	Name & Designation	Designation	Educational Qualifications
1	Shri S.L.Gadge	Sr. Technical Assistant	H.S.S.C., Diploma In Metallurgical Engg.
2	Shri P.G.Meshram	Assistant Engineer	BE.Civil
3	Shri R.M.Gadge	Assistant Engineer	BE.Civil
4	Smt Mini.Joseph	Sr. Staff Nurse	H.S.S.C, General Nursing & Midwifery
5	Smt. D.S. Deshpande	Sr. Technical Asst.	B.Sc., PGDCA, MCM
6	Mrs. B.M. Polke	Sr. Technical Asst.	B.Sc., Post B.Sc.Diploma in Computer Sci. MS-CIT, MCM, MA (Sanskrit), MA (Public Adm.)
7	Shri P.S. Meshram	Sr. Technical Asst.	B.E. (Computer Sci.)
8	Smt V.S. Deshmukh	Sr. Technical Asst.	M.Sc.
9	Shri R.B.Parihar	Sr. Technical Asst.	B.Com., M.Lib., Certificate of Information & Library Networking Program, Eng. Typ 40 W.P.M. & Mar. Typ. 30 W.P.M.

Sr. No.	Name & Designation	Designation	Educational Qualifications
10	Shri A.W.Thaware	Sr. Technical Asst.	H.S.S.C., Basic Photography, B.A.(Additonal), B.Com.
11	Shri P.P.Kose	Sr. Technical Asst.	H.S.S.C., I.T.I.(Moulder), C.T.I for Instructor (Moulder)
12	Shri A.N. Shambharkar	Technical Asst. SG-II	M.A., M.Lib., PG Diploma in Lib. Automation & Networking , TYP 30 W.P.M.
13	Shri R.M.Giripunje	Technical Asst.	SSC,HSSC,ITI (Carpenter)
14	Shri G.B. Todase	Technical Asst.	H.S.S.C., I.T.I. (Machinist), N.C.V.T. (Machinist)
15	Shri N.C. Borkar	Technical Asst.	Diploma in Mechanical Engg
16	Shri R.S. Warthi	Sr. Technical Asst.	H.S.S.C., Diploma in Computer Technology, C.C.C.O., DTP
17	Shri C.L. Bagde	Technical Asst.	H.S.S.C., I.T.I. (Welder), Typing 30 WPM
18	Shri N.N.Meshram	Sr. Technical Asst.	S.S.C., Diploma in Mechanical Engg.
19	Shri N.R. Chidam	Sr. Technical Asst.	Diploma in Electronics & Telecommunication, B.E. (Mech.)
20	Shri A.K. Ramteke	Technical Asst.	H.S.S.C., Sanitary Inspector Diploma
21	Shri Veerji Srivastava	Security Officer	Graduate Equivalence (Indian Air Force), Management Capsule Course
22	Smt.S.S.Gattewar	Stenographer SG-I	B.Com., Eng. Shorthand 100 W.P.M., Eng. TYP. 50 W.P.M.
23	Smt Usha Patil	Stenographer SG-II	M.Com., Eng. Shorthand 120 W.P.M., Eng. TYP. 50 W.P.M.
24	Shri Sanjay.Saraf	Stenographer SG-II (PA to Director)	M.A. (Public Administration), Eng. Shorthand 100 W.P.M., Eng. Typ. 50 W.P.M., Marathi & Hindi Typ. 40 W.P.M., MS -CIT
25	Shri D.K.Vairagade	Stenographer SG-II	H.S.S.C.,B.Com., Eng. Shorthand 80/100 W.P.M., Eng. Typ. 40 W.P.M.
26	Shri M.G. Chakradhare	Stenographer SG-II	S.S.C., Eng. Shorthand 100 W.P.M., Eng. Typ. 40 W.P.M.
27	Shri D.B. Pillewan	Superintendent	B.Com., ENG. TYP. 40 W.P.M.,
28	Shri S.K. Singh	Tech. Assistant	B.E.(Electrical & Electronics)
29	Ms. Nirmala Desouza	Tech. Assistant	B.Sc. (PCM), M.Sc.(Physics), Ph.D.
30	Ms. Krutika Dhawle	Tech. Assistant	B.Tech. (Instrumentation) - A Div.
31	Shri T.N. Kumar Reddy	Tech. Assistant	B.Tech. (Civil)
32	Shri S.R. Tarnikanti	Tech. Assistant	Diploma in Civil, B.E. Civil
33	Shri Shrawan Kumar	Jr. Engineer (Electrical)	B.Tech. (Electrical)
34	Shri S.B. Mohite	Tech. Assistant	Diploma in Elect. Engg.,B.E. (Elect. Engg.), M.B.A.
35	Shri Sonvir Singh	Tech. Assistant	B.Tech. Elect. & Electronics

Sr. No.	Name & Designation	Designation	Educational Qualifications
36	Shri A.B. Pore	Jr. Engineer (Civil)	B.Tech. (Civil)
37	Shri S.V. Choudhari	Tech. Assistant	B.E. Mechanical, M.Tech.
38	Shri Rajikshah Chandshah	Tech. Assistant	M.Sc.(Physics),M.Phil.(Physics), B.Ed.
39	Ms. A.N. Vaidya	Tech. Assistant	B.Sc.(PCM),M.Sc. (Phy), B.Ed. (Maths, Phys.)
40	Shri J.K. Raikwar	Tech. Assistant	B.Sc., BLISc., MLISc.
41	Shri R.C. Durge	Superintendent	Diploma in Comp. Technology, B.E. (Computer Technology)
42	Shri K.V. Devarkonda	Superintendent	B.E.(Information Tech.)
43	Dr. Rupali M. Rakhunde	Superintendent	M.Sc., Ph.D. (Chemistry)
44	Shri H. L. Ambekar	Superintendent	B.Com., MBA, M.Com.
45	Ku. M. B. Lamsoge	Superintendent	B.Sc., M.Sc.

Group "B" Staff joined VNIT during the year - NIL

7.7 Staff position of Group "C"

Sr. No.	Name & Designation	Designation	Educational Qualifications
1	Shri V.R.Barai	Technician SG-II	B.Com., I.T.I. (Machinist), ENG. TYP. 30 W.P.M.
2	Shri R.G. Dixit	Technician SG-II	S.S.C., National Apprenticeship Certificate (Boiler Attendant) ENG. TYP. 30 W.P.M.
3	Shri V.C.Bhujade	Technician SG-II	S.S.C., I.T.I. (Diesel Mech.)
4	Shri N.D. Suryawanshi	Pharmacist	Diploma in Pharmacy, B.Com.
5	Smt V.A. Patankar	Lab. Asst. SG-II	S.S.C., Diploma in Metallurgy
6	Shri S.R. Kulavi	Lab. Asst. SG-II	S.S.C.,TYP-30 WPM,
7	Shri S.P. Sahasrabudhe	Technician SG-II	S.S.C., Diploma In Civil Engg., MS-CIT
8	Shri K.B. Thakre	Technician SG-II	Diploma in Electrical Engg., B.E. Part Time (Electrical Engg.)
10	Shri D.K. Pise	Technician SG-II	VI th Passed, Wireman Exam Passed
11	Shri P.B. Gawali	Technician SG-II	H.S.S.C., Diploma in Electronics & Comm. Engg., Certificate Course in Information Technology, Computer Hardware & Basic Networking
12	Shri J.K. Chopde	Work Asst. SG-II	S.S.C.

Sr. No.	Name & Designation	Designation	Educational Qualifications
13	Shri S.T. Zade	Sr. Lab. Asst.	H.S.S.C., I.T.I. (Machinist Grinder), Eng. TYP. 40 W.P.M.
14	Shri Y.G.Ghonge	Sr. Lab. Asst.	S.S.C., I.T.I. (Turner)
15	Shri N.N. Bhondale	Sr. Work Asst.	VI th Passed
16	Shri S.P.Dhapade	Work Asst. SG-II	Holding Licence of Plumbing Works
17	Smt.B.A.Khadsinge	Sr. Work Asst.	H.S.S.C., Diploma in Telephone Operator Cum Receptionist, M.A. Hindi
18	Smt M.D. Jawale	Sr. Lab. Asst.	S.S.C.
19	Shri R.N. Dhabarde	Lab. Asst. SG-II	S.S.C., I.T.I.(Sheet Metal Worker), I.T.I. (Welder)
20	Shri M.D. Katole	Sr. Lab. Asst.	S.S.C.
21	Shri P.D. Jaronde	Lab. Asst. SG-II	M.Sc., Adv. Diploma In Computer Software System Analysis & Applications
22	Shri S.P. Mashankar	Sr. Lab. Asst.	B.Sc., Computer Operation
23	Shri K.M. Manapure	Sr. Lab. Asst.	H.S.S.C., I.T.I. (Console Operator Cum Programmer Asst.), Typing Eng. 40 W.P.M.
24	Shri C.K. Bhoyar	Sr. Lab. Asst.	B.Sc.
25	Shri S.N.Junghare	Sr. Lab. Asst.	B.Sc., I.T.I. (Data Preparation Asst.), M.A.
26	Shri U.D. Sukhdeve	Lib. Asst. SG-II	Certificate Course In Library, B.A., B.Lib.
27	Shri M.D. Jaiswal	Sr. Lib. Asst.	B.Com., Lib. Sci. Course, B.Lib., M.Lib.
28	Shri.A.A. Kshirsagar	Sr. Lib. Asst.	B.Com., Library Science, Eng. Typ. 40 W.P.M.
29	Smt. S.V. Potdar	Sr. Lib. Asst.	B.Sc., M.A., MLISc., MS-CIT
30	Shri V.K.Mendhe	Sr. Work Asst.	S.S.C., LMV & HPMV Holder, Eng. Typ 40 W.P.M.
31	Shri S.P. Dupare	Sr. Work Asst.	S.S.C., Pump & Elect. Motor Repairing Exam Passed, D.T.P., Eng. Typ. 30 W.P.M.
32	Smt.Seema.Naikwade	Sr. Lab. Asst.	B.Sc., Eng. Typ. 40 W.P.M., PG Diploma in Business Professional Programming
33	Shri S.M.Bhende	Lab. Asst.	H.S.S.C, I.T.I. (DPCS), B.Com., MIRPM
34	Shri P.S. Kubade	Sr. Lab. Asst.	B.Sc., I.T.I. (Data Preparation Asst.)
35	Shri A.D. Pendam	Assistant SG-II	S.S.C., Certificate Course in Social Work, Eng. Typ. 40 W.P.M.
36	Shri.R.D.Pathak	Assistant SG-II	B.Com., Certificate Course In Library Sci.
37	Shri M.M.Dikwar	Assistant SG-II	H.S.S.C., Eng. Typ 40 W.P.M.
38	Shri M.R.Nagpure	Sr. Assistant	S.S.C., Eng. Typ. 40 W.P.M.
39	Shri S.S.Palasmode	Sr. Assistant	H.S.S.C., Eng. Typ 40 W.P.M.
40	Shri V.S. Warhekar	Sr. Assistant	S.S.C., Eng. Typ. 40 W.P.M.
41	Shri P.D. Pawar	Sr. Assistant	H.S.S.C., Typ. 40 WPM

Sr. No.	Name & Designation	Designation	Educational Qualifications
42	Shri V.N. Mahalle	Assistant SG-II	B.Com., Shorthand 80 W.P.M., Eng. Typ. 50 W.P.M., Hindi & Marathi Typ . 40 W.P.M.
43	Shri B.V.Borkar	Sr. Assistant	B.A., Eng. Typ. 40 W.P.M.
44	Shri A.P.Thakur	Sr. Assistant	S.S.C.
45	Shri D.R.Bharwani	Assistant SG-II	M.Com., Wave Certificate in Fin. Accounting, MS-CIT, Eng. Typ. 40 W.P.M.
46	Shri S.S.Lawrence	Assistant SG-II	B.Com., Eng. Typ. 40 W.P.M.
47	Shri Y.U. Sontakke	Assistant SG-II	B.Com., M.S.W., Eng. Typ. 40 W.P.M.
48	Shri S.W. Suryawanshi	Sr. Assistant	M.A. (Socio.), Indian Air Force Security Training Certificate
49	Smt. Jayshree D. Adane	Jr. Assistant	B.Com, B.Lib., Diploma in Telephone Optr., MSCIT, Eng. Typ. 40 wpm
50	Shri N.L. Dhawale	Sr. Assistant	B.Sc., Diploma In Computer Operation, Post B.Sc. Diploma In Computer Sci.
51	Shri S.M. Bansod	Sr. Assistant	B.Sc., B.Ed., MS-CIT., Eng. Typ. 40 W.P.M.
52	Ms. Rajni Pillai	Sr. Assistant	H.S.S.C., B.Sc., MS-CIT
53	Ms. Mangala R. Kavarati	Sr. Assistant	M.Com., B.Ed., TALLY, MS -CIT, Eng. Typ. 40 W.P.M.
54	Shri A.A. Meshram	Sr. Assistant	H.S.S.C.(IInd DIV.), B.SC. (IInd DIV.), M.Sc.(Ist DIV.), MS-CIT, ENG TYP 40 W.P.M.
55	Smt. N.P. Jaronde	Sr. Assistant	H.S.S.C., B.Sc., Diploma in MS Office, MS-CIT, Eng. Typ. 40 W.P.M.
56	Smt. C.C. Alexander	Sr. Assistant	H.S.S.C., B.Com, M.Com., MS-CIT
57	Ms. P.L. Uikey	Sr. Assistant	H.S.S.C., B.A.(English), MS OFFICE, D.T.P., MS -CIT
58	Shri R.B. Wakalkar	Trainee Jr. Asst.	H.S.S.C.
59	Shri D.M. Gautam	Lab. Assistant	B.Sc., M.Sc., M.Phil. (Chemistry)
60	Smt. S.N. Saundarkar	Lab. Assistant	B.Sc., D.Pharmacy
61	Smt. R.V. Thakre	Technician	Diploma in Electronics & Telecommunication Engg.
62	Shri D.M. Thakur	Technician	Diploma in Chemical Engg.
63	Shri Binaya Kumar Kar	Technician	S.S.C., ITI
64	Shri J.J. Bhelkar	Technician	Diploma in Electronics & Com. Engg., B.E.(Electronics), M.A (Public Administration)
65	Shri J.M. Khande	Lab. Assistant	Diploma in Electronics & Comm
66	Shri U.P. Shende	Technician	10th, Diploma in Electrical Engg.
67	Shri C.N. Burange	Lab. Assistant	B.Sc.(PCM), MSCIT
68	Shri G.R. Navnage	Technician	Diploma (Mech. Engg.), B.E. (Mech. Engg.)

Sr. No.	Name & Designation	Designation	Educational Qualifications
69	Shri S.D. Ramteke	Technician	Diploma (Mech. Engg.), B.E. (Mech. Engg.)
70	Shri Sudhir Kumar	Work Asst.	B.A., MLISc.
71	Shri O.D. Sirsam	Technician	12th, ITI (Fitter)
72	Shri P.R. Jamkar	Jr. Assistant	B.Sc. (Chemistry), Diploma in Office Automation, Typing English 40 WPM, Hindi 30WPM, Marathi 30 wpm
73	Smt. S.S. Jalgaonkar	Jr. Assistant	B.Sc. (PCM), MCM, PGDCCA, Typing Eng. 40 wpm, Marathi 30 wpm, Hindi 30 wpm
74	Shri N.N. Golait	Jr. Assistant	B.Com., Typing Eng. 40 wpm, Marathi 30 wpm
75	Shri R.A. Vishwakarma	Jr. Assistant	BCA, ITI
76	Smt. R.S. Barapatre	Jr. Assistant	B.Com., M.Com., PGDCCA
77	Ku. L.S. Kalambe	Jr. Assistant	B.Sc., MCM, PGDCCA
78	Shri S.N. Bhute	Jr. Assistant	BCA, M.Sc. (Computer Science)

7.8 Supporting Staff

	UR	SC	ST	OBC	PWD	Total
Male	20	15	6	19	0	60
Female	3	1	3	2	0	9
Total	23	16	9	21	0	69

Sr. No.	Name	Designation	Department
1	Shri. Ashok S. Wagh	Supporting Staff	Academic
2	Shri. Suresh Vasant Kanpate	Supporting Staff	Administration
3	Shri. Madan R Gour	Supporting Staff	Applied Mechanics
4	Shri. Raju K Wankhede	Supporting Staff	Applied Mechanics
5	Shri. Satish O Dambelkar	Supporting Staff	Arch.& Planning
6	Shri. Indragopal C Chaturvedi	Supporting Staff	Arch.& Planning
7	Smt. Gauri B Gour	Supporting Staff	Arch.& Planning
8	Shri. Deepak G Kalbande	Supporting Staff	Chemical Engineering
9	Shri. Govind S Ambalwar	Supporting Staff	Chemical Engineering
10	Shri. Bhimrao R Bhiogade	Supporting Staff	Applied Chemistry
11	Shri. Shankar K Atagare	Supporting Staff	Applied Chemistry
12	Shri. Kishor S Chimote	Supporting Staff	Civil Engineering
13	Shri. Chatrapati R Bhakre	Supporting Staff	Civil Engineering
14	Shri. Prakash B Shende	Supporting Staff	Civil Engineering
15	Shri. Baliram N Bhoyar	Supporting Staff	Computer Centre
16	Shri. Avi P Raul	Supporting Staff	Computer Science and Engineering

Sr. No.	Name	Designation	Department
17	Smt. Pratibha P Paunikar	Supporting Staff	Computer Science And Engineering
18	Smt. Munnibai S Jadhav	Supporting Staff	Computer Science And Engineering
19	Shri. Prabhakar T Bante	Supporting Staff	Electrical Engineering
20	Shri. Sanjay D Sahakate	Supporting Staff	Electrical Engineering
21	Shri. Tekchand F Gour	Supporting Staff	Electrical Engineering
22	Shri. Arun P Nandagawali	Supporting Staff	Electrical Maintenance
23	Shri. Mukesh Dagor	Supporting Staff	Electrical Maintenance
24	Shri. Baba S Dule	Supporting Staff	Electronics Engineering
25	Shri. Balkrishna M Jagnade	Supporting Staff	Electronics Engineering
26	Shri. Waman M Gotmare	Supporting Staff	Electronics Engineering
27	Shri. Kamalkishor R. Reddy	Supporting Staff	Establishment & Adm.
28	Shri. Suresh Kawduji Bhoyar	Supporting Staff	Establishment & Adm.
29	Shri. Prem Shambhunath Tiwari	Supporting Staff	Establishment & Adm.
30	Shri. Babulal C Yadav	Supporting Staff	Establishment & Adm.
31	Shri. Sanket B Mitkari	Supporting Staff	Establishment & Adm.
32	Shri. Sunil B Lahariya	Supporting Staff	Establishment & Adm.
33	Shri. Kiran S Ramteke	Supporting Staff	Estate Maintenance
34	Smt. Shashikala S Thakur	Supporting Staff	Examination
35	Shri. Vinod B Landge	Supporting Staff	Guest House
36	Smt. Seema S Donadkar	Supporting Staff	Hostel
37	Smt. Latabai Deorao Waghmare	Supporting Staff	Humanities & Social Sciences
38	Shri. Narendrakumar H Mishra	Supporting Staff	Library
39	Shri. Sanjay S Gadhave	Supporting Staff	Library
40	Shri. Ramjivan S Dube	Supporting Staff	Mathematics
41	Shri. Ajaykumar D Das	Supporting Staff	Mechanical Engineering
42	Shri. Ashok H Dhote	Supporting Staff	Mechanical Engineering
43	Shri. Vinayak D Dhore	Supporting Staff	Mechanical Engineering
44	Smt. Varsha J. Choudhari	Supporting Staff	Metallurgical Engineering
45	Shri. Raju S Sahare	Supporting Staff	Metallurgical Engineering
46	Shri. Umesh V Gedam	Supporting Staff	Metallurgical Engineering
47	Shri. Rahul R Dupare	Supporting Staff	Mining Engineering
48	Shri. Satyanarayan R Dubey	Supporting Staff	Mining Engineering
49	Shri. Rameshwar D Uike	Supporting Staff	Physics
50	Shri. Rajbahor B Choube	Supporting Staff	Physics
51	Shri. Chandrashekhar S Hiwarkar	Supporting Staff	Physics
52	Shri. Shriram P Gaidhane	Supporting Staff	Sanitary
53	Shri. Dyaneshwar S Surjekar	Supporting Staff	Security
54	Shri. Tilak Bahadur H Thapa	Supporting Staff	Security
55	Shri. Gangaram B Neware	Supporting Staff	Security
56	Shri. Ramsumer Patel	Supporting Staff	Security
57	Shri. Nilkhant M Mohurle	Supporting Staff	Security

Sr. No.	Name	Designation	Department
58	Shri. John Micheal David	Supporting Staff	Security
59	Shri. Diwakar N Ingle	Supporting Staff	Security
60	Shri. Namdeo L Tumdam	Supporting Staff	Security
61	Smt. Sevantabai P Bharde	Supporting Staff	Store
62	Shri. Suresh M Pannase	Supporting Staff	Training & Placement
63	Shri. Chandramouli V Matangi	Supporting Staff	Training & Placement
64	Shri. Vinod C Waghmare	Supporting Staff	Workshop (Mech.Engg.)
65	Shri. Prabhakar O Gaikwad	Supporting Staff	Workshop (Mech.Engg.)
66	Shri. Vijay S Tabhane	Supporting Staff	Workshop (Mech.Engg.)
67	Shri. Shivanand P Bhardwaj	Supporting Staff	Workshop (Mech.Engg.)
68	Shri. Gulab K Masram	Supporting Staff	Health Centre
69	Smt. Ashwini Sudhir Chachane	Supporting Staff (Dresser)	Health Centre

Group "C" Staff joined VNIT during the year - NIL

7.9 PayBand of Teaching staff

Professor (HAG Scale) - 67000-79000	
Professor	- (PB-4) - 37400-67000+AGP Rs. 10500
Professor	- (PB-4) - 37400-67000+AGP Rs. 10000
Associate Professor	- (PB-4) - 37400-67000+AGP Rs. 9500
Associate Professor	- (PB-4) - 37400-67000+AGP Rs. 9000
Assistant Professor	- (PB-3) - 15600-39100+AGP Rs. 8000
Assistant Professor (On Contract)	- (PB-3) - 15600-39100+AGP Rs. 7000
Assistant Professor (On Contract)	- (PB-3) - 15600-39100+AGP Rs. 6000

7.10 Pay Band of Non Teaching Group “A” Staff Position

Sr. No	Category	Scale And Grade Pay	Sanctioned Posts	Staff in Position	Vacant Post
1	Registrar	(15600-39100) GP Rs 10000	1	0	1
2	Dy. Registrar	(15600-39100) GP Rs 7600	4	3	1
3	Asst. Registrar	(15600-39100) GP Rs 5400	6	4	2
4	Librarian	(15600-39100) GP Rs 10000	1	0	1
5	Dy. Librarian	(15600-39100) GP Rs 8000	1	0	1
6	Asst. Librarian	(15600-39100) GP Rs 6000	1	0	1
7	Principal Technical Officer	(15600-39100) GP Rs 7600	2	1	1
8	Sr. Scientific/Technical Officer	(15600-39100) GP Rs 6600	3	3	0
9	Scientific/Technical Officer	(15600-39100) GP Rs 5400	9	1	8
10	Executive Engineer	(15600-39100) GP Rs 6600	1	1	0
11	Assistant Ex. Engineer	(15600-39100) GP Rs 5400	2	0	2
12	Sr. Medical Officer	(15600-39100) GP Rs 7600	1	0	1
13	Medical Officer	(15600-39100) GP Rs 5400	1	0	1
Total			33	13	20

1. Shri K.N. Dakhale, Dy. Registrar, Stores Section is on lien to this institute from IIT Kanpur.

7.11 Pay Band of Group “B” Staff Position

Sub-Cadre	Scale and Grade Pay	Sanctioned	Actual
Tech. Asst / SAS Asst / Jr. Engineer / Sr. Pharmacist	9300-34800 GP - 4200	43	17+1*
Sr. TA / Sr. SAS Asst / Asst. Engineer / Pharmacist(SG II)	9300-34800 GP - 4600	34	13
Staff Nurse	9300-34800 GP - 4600		1
TA(SG II)/ SAS Asst (SG II)/AEE	9300-34800 GP - 4800	22	1
Superintendent/Accountant	9300-34800 GP - 4200	12	6
Secretary	9300-34800 GP - 4200		1
Security Officer	9300-34800 GP - 4200	9	NIL
Sr. Superintendent / Accountant / Secretary	9300-34800 GP - 4600		
Sr. Secretary	9300-34800 GP - 4600	6	NIL
Superintendent / Accountant / Secretary (SG-II)	9300-34800 GP - 4800		
Secretary (SG-II)	9300-34800 GP - 4800	1	01*
Stenographer SG-I	9300-34800 GP - 4600	2	04*
Stenographer SG-II	9300-34800 GP - 4600	2	NIL
Technical/Lab/Work Assistant (SG I)	9300-34800 GP-4200	4	NIL
Assistant(SG-I)	9300-34800 GP- 4200		
Grand Total		135	45

Note:- *Shall be continued with same PB & GP with modified designations, as they are continued since REC system.

7.12 Pay Band of Group “C” Staff Position

Sub-Cadre	Sanctioned		Actual
	PB/GP	STGH	STGH
Technician/Lab/Work Assistant	5200-20220 GP-2000	44	14
Sr. Technician/Sr. Lab/Sr. Work Asst.	5200-20220 GP-2400	34	17
Technician/Lab/Work Assistant (SG II)	5200-20220 GP-2800	21	15
Library Assistant	5200-20220 GP-2800		
Pharmacist	5200-20220 GP-2800	1	1
Jr. Assistant	5200-20220 GP-2000	26	9
Sr. Assistant	5200-20220 GP-2400	19	15
Assistant(SG-II)	5200-20220 GP-2800	6	7
Grand Total(A+B+C+D)		151	78

	UR	SC	ST	OBC	PWD	Total
Male	42	12	1	6	1	62
Female	8	1	4	3	0	16
Total	48	13	5	9	1	78

7.13 Retired/Resigned/Expired during the year

7.13 (A) Faculty Members

Sr. No.	Name	Designation	Section/ Department	Date of departing and reason
1	Dr. Swapnajit Pattnaik	Associate Professor	Electrical Engineering Department	Deputation period Completed on 31.05.2015 AN
2	Dr. V.K. Didolkar	Associate Professor	Metallurgical and Materials Engineering	30.06.2015AN Superannuation
3	Dr. Ravi Pratap Gupta	Assistant Professor (on Contract)	Applied Mathematics	Resig ned on 05.02.2016 AN

7.13 (B) Non Teaching Group “A” Staff Members

Sr. No.	Name	Designation	Section/ Department	Date of departing and reason
1	Dr. R.M. Deshpande	Assistant Librarian	Library	30.11.2015 AN Superannuation
2	Dr. S.J. Batra	Medical Officer	Health Center	31.01.2016 AN Superannuation

7.13 (C) Non Teaching Group “B” Staff Members

Sr. No.	Name	Designation	Date of departing and reason
1	Smt. S.V. Joshi	Sr. Superintendent	Retired on 31.08.2015

7.13 (D) Non Teaching Group “C” Staff Members

Sr. No.	Name	Designation	Date of departing and reason
1.	Shri C.S. Saini	Sr. Work Assistant	Retired on 31.10.2015

7.14 Faculty Members with administrative responsibility

S. N.	Name	Designation
1	Dr.Narendra Chaudhari	Director
2	Dr. R. R. Yerpude	Registrar
3	Dr. S.R. Sathe, Professor in Comp.Sc. and Engg. Dept.	Dean (P & D)
4	Dr.P.M. Padole, Professor in Mechanical Engineering Department	Dean(Faculty Welfare)
5	Dr. Animesh Chatterjee, Professor in Mechanical Engg. Dept.	Dean (R & C)
6	Dr.O.R.Jaiswal, Professor in App.Mech. Dept..	Dean (Acad.)
7	Dr. G.P. Singh, Professor in Mathematics Dept.	Dean (Students Welfare)
8	Dr. A.B. Andhare, Professor in Mechanical Engg. Dept.	Associate Dean (T & P)
9	Dr.R.S. Sonparote,	Asso.Dean, Civil Work
10	Dr. M.R. Ramteke,	Asso.Dean(Electrical Work)
11	Dr. V.B. Borghate	Asso. Dean(Procurement & Stores)
12	Dr.P.S. Kulkarni	Asso. Dean(Exam)
13	Dr. K. D. Kulat	Asso. Dean(Education Technology and Library)
14	Dr. U.A. Deshpande	Asso.Dean (Information Technology, MIS, Network & Website)
15	Dr. M.S. Anupama Kumar	Asso. Dean. (Public Relation)
16	Dr. D.H. Lataye	Asso.Dean. (Hostel Affairs)
17	Dr. A.B. Andhare	Asso.Dean. (Training & Placement)
18	Dr. J.D. Ekhe	Asso.Dean. (Student Activities)
19	Dr. S.S. Bhat	Asso.Dean. (Industry Institute Interaction)
20	Dr. K. M. Bhurchandi	Asso. Dean. (International Affairs)

7.15 Administrative staff

Sr. No	Name	Designation
1	Dr. Narendra S. Chaudhari	Director
2	Dr. R.R. Yerpude	Registrar
3	Mr. D.M. Parate	Dy. Registrar
4	Dr. S.M. Deshmukh	Dy. Registrar
5	Mr. K.N. Dakhale	Dy. Registrar
6	Mrs. A.A. Ansingkar	Assistant Registrar
7	Mr. A.G. Bhurle	Assistant Registrar
8	Mr. N.B. Chingalwar	Assistant Registrar
9	Mr. Rajnesh M.P.	Assistant Registrar
10	Mr. K.G. Barapatre	Executive Engineer
11	Mr. D.H. Maiske	Principal Technical Officer
12	Mr. V.J. Abhyankar	Sr. Technical Officer
13	Mrs. M.R. Pimple	Sr. Technical Officer
14	Ms. M.B. Bhivgade	Sr. Technical Officer
15	Shri. V.D. Ghuge	Technical Officer

7.16 Staff members deputed / sponsored for Training and Learning

7.16 A Group "A" staff members

Sr. No.	Name of employee	Deputed to	Period of deputation	Purpose
1	Shri. Rajnesh M. P.	ISTM, New Delhi	25-29 May 2015	Training Program on "Establishment Rules"-ER(05)
2	Shri. A.G. Bhurle	IIM Indore	16-22 July 2015	13 th Management Capacity Enhancement Program
3	Shri. K.N. Dakhale	Engineering Staff College of India, Hyderabad	28-31 July 2015	Materials and Supply Chain Management (Including SAP-MM Module exposure)
4	Shri. K.G. Barapatre	IIM Indore	5-11 October 2015	Management Capacity Enhancement Program
5	Shri. S.M. Deshmukh	IIM Udaipur	08-13 June 2015	4 th Management Capacity Enhancement Program
6	Shri. Rajnesh M. P.	IIM Raipur	12-17 October 2015	Faculty Development Program

7.16 B Group "B" staff members

Sr. No.	Name of employee	Deputed to	Period of deputation	Purpose
1	Shri. H. L. Ambekar	ISTM, New Delhi	06.04.2015 to 09.04.2015	Training programme on "Pension and other Retirement Benefits"
2	Shri. V.N. Mahalle	Nainital	29.10.2015 to 31.10.2015	Training programme on "Complexities in Implementation of revision of pay, pay fixation under fundamental rules and its impact from time to time with focus on recent orders and MACP scheme along with financial effects of penalty"
3	Dr. Rupali M. Rakhunde	Gurgaon, New Delhi	18.03.2015 to 20.03.2015	"3 rd World summit on Accreditation" organized by National Board of Accreditation

7.17 Faculty Members on Deputation

1. Dr. N. V. Deshpande is on deputation-as Director, NIT Silchar
2. Dr. H. T. Thorat is on deputation- as Director, NIT Uttarakhand
3. Dr.O. G. Kakde is on deputation-as Director VJTI, Mumbai
4. Shri Sandip Panchal, Assistant Professor, Mining Engineering Department, is deputed to I.I.T., Kharagpur for Ph.D. study at under QIP Scheme for a period of 3 (Three) years from 15.07.2013 to 14.07.2016.
5. Shri P.D. Sawarkar, Assistant Professor, Mechanical Engineering Department, deputed to I.I.T., Madras for Ph.D. study under QIP Scheme for a period of 3 (Three) years from 15.07.2013 to 14.07.2016.
6. Shri Vinod Nistane, Assistant Professor, Mechanical Engineering Department, deputed to I.I.T., Roorkee for Ph.D. study under QIP Scheme for a period of 3 (Three) years from 08.07.2015 to 07.07.2018.



Ph.D. Programs (Ongoing Ph. Ds)

8. ONGOING Ph.D.s

S. No.	Thesis Topic	Name Of Scholar	Supervisor(S)	Date Of Registration
Applied Mechanics				
1	Investigation into Structural Steel semi – rigid connection	Arvind Vyavahare	Dr. L. M. Gupta	Jan 2005
2	Structural properties of Gadhi Mati	Vijay Kondekar	Dr. O. R. Jaiswal Dr. L. M. Gupta	Jan 2008
3	Behavior of Web Tapered Built up Sections as Beam – column Member in Pre-Engineering Buildings	Ramesh Megharajani	Dr. R. K. Ingle	July 2009
4	An Investigation into Blast Induced Effect on Structures	R. V. R. Prasad	Dr. R. K. Ingle	July 2010
5	Behavior of Flat slab Under Static and Dynamic Loadings	Sanjay Borghate	Dr. R. K. Ingle	July 2010
6	Study into Effects of Secondary Stresses in Large Capacity Water Tank	Virendra Dehadrai	Dr. R. K. Ingle	July 2010
7	Buckling Analysis of pre-stressed steel Beam	Ashish Khatri	Dr. L. M. Gupta	Jan 2011
8	Critical Study of Design of Member subjected to Bending	Samadhan Morkhade	Dr. L. M. Gupta	Jan 2012
9	Study of Behavior Hybrid Steel Girder using HPS Under Various Loadings	Abhay Kulkarni	Dr. L. M. Gupta	July 2012
10	Use of Artificial Intelligence in Wind Analysis of Structures	Suyog Dhote	Dr. O. R. Jaiswal Dr. P. N. Godbole	July 2013
11	Tuned Mass Dampers for Vibration control	Vikas Thakur	Dr. O. R. Jaiswal	July 2013
12	Supplemental Devices of Seismic Response Control of Buildings	Atulkumar Manchalwar	Dr. S.V. Bakre	July 2013
13	Seismic Behaviour of RC Beam-Column Joint	Kanak N. Parate	Dr. Ratnesh Kumar	July 2013
14	A Comprehensive study of the effect of hybrid fibers on the properties of concrete	Rajesh Parve	Dr. S. S. Gadve	July 2013
15	Seismic Performance and Vulnerability Assessment of Elevated Service Reservoir	Suraj Lakhade	Dr. O. R. Jaiswal, Dr. Ratnesh Kumar	July 2013
16	Protection of corrosion of rebar in concrete	Prasad Bahekar	Dr. S. S. Gadve	July 2013
17	Experimental & Analytical Evaluation of Slab (Main & SFRC)	Rameshwar Vishwakarma	Dr. R. K. Ingle	July 2013
18	Study of Dynamic Soil-Structure Interaction	Anand Gharad	Dr. R. S. Sonparote	July 2013
19	Properties of fiber reinforced concrete	Sumit Geete	Dr. S. S. Gadve	July 2013
20	Study of Cold-Formed Sections	Sanjay U. Marjive	Dr. Ratnesh Kumar, Dr. L. M. Gupta	Jan 2014
21	Earthquake retrofitting	Smita chande	Dr. S. S. Gadve	Jan 2015
22	Dynamics of railway track	Harshad Phadke	Dr. O. R. Jaiswal	Jan 2015

S. No.	Thesis Topic	Name Of Scholar	Supervisor(S)	Date Of Registration
23	FEM Analysis	Sushil Kumar B Magade	Dr. R. K. Ingle	Jan 2015
24	Soil Structure interaction	Amin Sayeed	Dr. R. S. Sonparote	Jan 2015
25	Rigid concrete pavement	Ashfaq Ahmed Ansari	Dr. M. M. Mahajan	Jan 2015
26	Alternative design of RCC utility structures	Pankaj R Mali	Dr. (Ms.) D Datta	Jan 2015
27	Effect of Modelling Assumptions on Seismic Performance of RC Buildings	Kumbhar Onkar G.	Dr. Ratnesh Kumar	July 2015
28	Alternate Design for low cost buildings against seismic and wind loads	Anadee Kulkarni	Dr. D. Datta	Jan 2016
29	Dynamic wind response of tall building using artificial neural network	Trupti Nikose	Dr. R. S. Sonparote	July 2015
30	Seismic performance assessment of irregular building	Meenakshi V Landge	Dr. R. K. Ingle	July 2015
31	Behavior of tension member under various condition	Jagdish R. Dhanuskar	Dr. L. M. Gupta	Jan 2016
32	Critical response of steel beams with web openings	Rujuta Bhat	Dr. L. M. Gupta	Jan 2016
33	Performance and protection of base isolated structures subjected to blast	Mohd. Zain Kangda	Dr. S V Bakre	July 2015
34	Estimation of Park- Ang damage index of different structural steel system	Samyak D Parekar	Dr. D. Datta	July 2015
35	Seismic Behaviour of RC Beam-Column Joint	Vinodkumar R Nagpure	Dr. D. Datta	July 2015
Architecture & Planning				
1	Framework for Assessing Mixed Landuse Neighbourhoods for its Sustainability	Sarika P. Bahadure	Dr. Rajashree Kotharkar	July 2010
2	Study of transformations in the traditional urban environment	Roopal Deshpande	Dr. Rajashree Kotharkar	July 2010
3	Thermal Performance of Built Form	Sumita G. Sardesai	Dr. Rajashree Kotharkar	July 2011
4	Contextual Analysis of Build Environment Derivation of Logical Framework for Contextual Design Approach in Indian Scenario	Necta R. Lambe	Dr. Alpana Dongre	July 2011
5	Investigation into Urban Sustainability, Study Area-Nagpur	Anusha Vaddiraj Pallapu	Dr. Rajashree Kotharkar	July 2013
6	Interpretation of Medieval Hindu Temples Through Fractal Geometry	Tanisha Dutta	Dr. Vinayak S. Adane	July 2013
7	Lighting and Multi Storied Development	Trupti Dabe	Dr. Alpana R. Dongre	July 2013
8	Innovative Method for Creativity Thrust in Architecture Education	Poorva Mange	Dr. Vinayak S. Adane	July 2010
9	Design Parameters for Agriculture Build form in Central India	Milind K. Gujarkar	Dr. Vinayak S. Adane	July 2011

S. No.	Thesis Topic	Name Of Scholar	Supervisor(S)	Date Of Registration
10	Residential Built Environment and Human Psychology	Kirti D. Bhonsle	Dr. Vinayak S. Adane	July 2011
11	Study of Precincts in Urban Area under Transformation	Amit M. Deshmukh	Dr. Vinayak S. Adane	July 2011
12	Urban Mobility	Surashmie S. Gawande	Dr. Vinayak S. Adane	Jan 2013
13	Formulation of criteria for selection of the mode of Public Transport in Indian cities	Nitin Lambat	Dr. Vijay S. Kapse and Dr. Chandra S. Sabnani	Jan 2015
14	Insight into the Urban Complexity	Rajesh A. Sawarkar	Dr. Akshay P. Patil	July 2015
15	Planning for Disaster Risk Resilience	Shruti Dakey	Dr. Sameer M. Deshkar	July 2015
16	Study of Impact of Indian Smart Cities on Affordable Housing	Vinod Singh Parmar	Dr. Vilas K. Bakde	July 2015
17	Investigating Urban Road Traffic Noise	Sudarshan B. Shinde	Dr. Vidya V. Ghuge	July 2015
18	Investigation Of Socio-Behavioral Sustainability In Campuses Of Centrally Funded Educational (Technical) Institutes In India	Pushpal N. Gupta	Dr. Smita H. Khan	July 2015
19	Assessing The Impact Of Goods Movement On The Transport Demand In The City of Nagpur	Arundeeep Shamboji	Dr. Chandra S. Sabnani	July 2015
20	Conservation And Restroration of Water Resources In Urban Area - IndianContext	Reshma T. Vilasan	Dr. V.S. Kapse	July 2015
21	Design elements in construction of Railway stations	K.N.Joglekar	Dr. D.H..Lataye, Dr. Abir Bandyopadhyay NIT, Raipur	July 2009
22	Impact of New Urban Transport system on non motorized vehicle with special emphasis on walkability, case study, Nagpur	Aniket Deshmukh	Dr. V.S. Lange, Dr. Abir Bandyopadhyay, NIT, Raipur	July 2010
23	Thermal Preformance of Built Form	Ajay S. Thombre	Dr. Alpana Dongre	July 2011
24	Planning interventions for Urban heat Island Mitigation	Anurag B Bagade	Dr. R S Kotharkar	Jan 2016
25	Lighting and Multi Storied Development	Trupti Dhabe	Dr. Alpana Dongre	July 2013
Applied Chemistry				
1	Development of Titanium Oxide based catalysts for photocatalytic studies.	Sachin Ghugal	Dr. S.S. Umare	July 2011
2	Synthesis and characterization of Semiconductor metal oxide Nanocomposite for photocatalytic applications	Ashok G. Shende	Dr. S.S. Umare	July 2014

S. No.	Thesis Topic	Name Of Scholar	Supervisor(S)	Date Of Registration
3	Development of materials for environmental application	Vidyasagar Devthade	Dr. S.S. Umare	July 2015
4	Studies on development of heterogeneous Catalyst for Biodiesel Production and other applications	Mr. Raju Dutta	J.D.Ekhe, & S A Mandavgane	July 2011
5	Synthesis and Characterization of High conducting Polymers and their blends as novel sensors.	Mr V.V Karambelkar	Dr S.N Paul & J.D.Ekhe	July 2009
6	Depolymerization of Industrial Waste Lignin	Mr. Dayaram Tulsiram Sarve	Dr. J. D. Ekhe	Jan 2016
7	Evaluation of some Emerging contaminants from Aqueous Matrix	G. Archana	Dr.Anupama Kumar & Dr. Rita Dhodapkar	Jan 2013
8	Molecularly imprinted Chitosan based adsorbent for the simultaneous removal of organic and inorganic pollutants	Dipali C. Rahangdale	Dr.Anupama Kumar	July 2013
9	"Synthesis and Physicochemical characterization of potential bioinorganic compounds"	Manojkumar Maroti Jadhao	Dr. Sujit Kumar Ghosh (PI) & Dr. Chayn Das	Jan 2013
10	"Design Synthesis and Physicochemical studies of potential therapeutic bio-organic compounds"	Ritika Sadanand Joshi	Dr. Sujit Kumar Ghosh (PI)	Jan 2013
11	Study of Modified electrodes as electrochemical sensors	Rakesh Chillawar	Dr. Ramani V. Motghare	July 2012
12	Electrochemical detection of Digoxin in serum samples	Shirin Khan	Dr. Ramani V. Motghare	July 2013
13	Studies of Some Elastomeric Composites with Non-black Fillers	Naresh D. Bansod	Dr. C. Das (PI)	July 2012
14	Designing of Nanostructured materials for Catalytic and photocatalytic applications	Mr. Swapnil Warkhade	Dr. Atul V. Wankhade	Jan-2016
15	Study of thermodynamic, transport and acoustic properties of some pharmaceutical compounds in aqueous solution at different temperatures.	Doyel M. Bhattacharya	Dr. Sangesh Zodape	Jan 2015
16	Thermophysical properties of Ionic Liquids in Aqueous solutions at different temperatures	Dinesh V. Kawadkar	Dr. Sangesh Zodape	July 2014
17	Biocatalysis for C-C and C-N and C-N bond forming reactions	Nitesh Punyaprediwar	Dr. Umesh Pratap	July 2014
18	Towards the development of nanobiocatalysis	Prabhakar Sribas	Dr. Umesh Pratap	July 2015
19	Structural Analysis Towards designing of new materials with understanding of intermolecular interactions	Keshab M. Bairagi	Dr. S.K. Nayak	July 2015
20	Design, synthesis and physicochemical studies of potential therapeutic bio-organic compounds	Himank Kumar	Dr. Sujit Kumar Ghosh	Jan 2013

S. No.	Thesis Topic	Name Of Scholar	Supervisor(S)	Date Of Registration
Chemical Engineering				
1	Development and testing of microfine biopesticide using neem	Mrs Sonali Tajane	Dr. Sachin Mandavgane	July 2010
2	Study of separation of carboxylic acids	Kanti Kumar	Dr. K. L. Wasewar Dr. M. N. Varma	Jan 2016
3	Separation and Nanotechnology	Ghanshyam Barman	Dr. S. S. Sonawane Dr. K. L. Wasewar	Jan 2012
4	Studies on the removal of selected pesticides from aqueous solutions using appropriate agro-based materials	Mr. Sunil Deokar	Dr. Sachin Mandavgane	Jan 2012
5	Fruit Peel Waste: A Useful Bioresource (Developing the concept of biorefinery for useful products and adsorbents for removal of pollutants)	Mr Pranav D Pathak	Dr. Sachin Mandavgane	Jan 2012
6	Study on Reactive Separations	Kalpna Rewatkar	Dr. D. Z. Shende	July 2012
7	Study on Microreactors	Shyam Tekade	Dr. D. Z. Shende	Jan 2013
8	Biomass Gasification	Ruta Khonde	Dr. A. S. Chaurasia	Jan 2013
9	Reactor Design and Process Development for Energy Recovery from used Plastics	Ganesh S. Bajad	Dr. Vijayakumar R. P.	Jan 2013
10	Super Critical Fluids Extraction	Antaram Sarve	Dr.S.S.Sonawane &Dr.M.N.Varma	Jan 2013
11	Polyamide Nanocomposites	Sarita Charde	Dr.S.S.Sonawane	Jan 2013
12	Wastewater Treatment by Nanotechnology	Sapana Madan	Dr. K. L. Wasewar .	July 2013
13	Study on Separation Processes	Chandrakant. Khudsange	Dr. K. L. Wasewar	July 2013
14	Biomass Ashes: Characterization and efficacies in the removal of chlorinated herbicides. (A case study using 2,4-D as a model compound)	Mr Nikhilesh Trivedi	Dr. Sachin Mandavgane	July 2013
15	Esterification and Pervaporation	Vishal Chandne	Dr. A. P. Rathod Dr. K. L. Wasewar	July 2014
16	Experimental and Computational Studies on Improved Gasifier Stoves	Pravin Sonarkar	Dr. A. S. Chaurasia	July 2014
17	Study on Intensifying Approaches for Esterification Reactions	Vishal Chandane	Dr. A. P. Rathod Dr. K. L. Wasewar	July 2014
18	Study on Extractive Columns	Anju Ingle	Dr. D. Z. Shende Dr. K. L. Wasewar	Jan. 2015
19	Adsorptive removal of some potent herbicide :comparitive study using Rice husk ash (RHA) and baggase fly ash (BFA)	Ms. Manisha Kamble	Dr. Sachin Mandavgane	Jan 2015
20	Study on Nanofluids and Critical Heat Flux	Nishant Kumar	Dr.S.S.Sonawane	Jan 2015
21	Rheological Studies of Polymers	Rohit Lade	Dr. K. L. Wasewar Dr. D. R. Peshwe	July 2015

S. No.	Thesis Topic	Name Of Scholar	Supervisor(S)	Date Of Registration
22	Molecular dynamics simulations of self-assembled nanostructured materials	Hrushikesh M. Gade	Dr. Piyush P. Wanjari	July 2015
23	Studies in surfactant based aqueous two phase systems	Atulkumar Raut	Dr. Pradip B. Dhamole	Oct 2015
24	Experimental studies on bioelectrochemical treatment of biomass for biohydrogen production	Mounika Boga	Dr. Ashwin Gaikwad	Jan 2016
25	Extrative fermentation with surfactants to enhance butanol production	Preety Gedam	Dr. Pradip B. Dhamole	Jan 2016
26	Biorefineries	Mr. Saurabh Joglekar	Dr. Sachin Mandavgane	Jan 2016
27	Study on Nanofluids and its applications in Heat exchanger and CHF	Vijay Juwar	Dr.S.S.Sonawane	Jan 2016
28	Studies on the removal of selected pesticides from aqueous solution using appropriate agro based materials	Abhijit Gadhe	Dr.S.S.Sonawane / Dr. M.N. Varma	Jan 2012
29	Wastewater Treatment by Nanotechnology	Pooja Jaiswal	Dr. M.N. Varma	July 2013
30	Experimental and Computational Studies on Improved Gasifier Stoves	Pravin Ravindra Sonarkar	Dr. A. S. Chaurasia	July 2014
31	Development and Characterization of Micro/Nano Biopesticide	Saket Ajmire	Dr. M.N. Varma / Dr. K. L. Wasewar	July 2010

Civil Engineering

1	Multipurpose Multi-reservoir planning	Vartika Paliwal	Dr. A D Ghare and Dr. A B Mirajkar	July 2015
2	Precipitation yield and equitable water distribution for drought region	Saranya Nair	Dr. A B Mirajkar	Jan 2016
3	Sustainable irrigation planning	Preeti Gajghate	Dr. A B Mirajkar	Jan 2016
4	Numerical analysis of surface and sub surface excavation	Ms. Tejas Bhatkar	Dr. A Mandal	July 2013
5	Seismic Behaviour of Underground Structure	Mr. Dhananjay K Singh	Dr. A Mandal	Dec 2014
6	Numerical and Experimental Study of Geomorphology	Mr. Ritesh Ingle	Dr. A. Patel/DR. A Mandal	Jan 2015
7	Behaviour of unsaturated soil	Mr. Siva Ram Karumanchi	Dr. A Mandal	Jan 2016
8	Optimal Routing for Biomedical Waste Collection	Radhika Deshpande	Dr. A. R. Tembhurkar	July 2010
9	Feasibility Studies on Solar Disinfection (SODIS) of Grey wastewater	Isha Khedikar	Dr. A. R. Tembhurkar	July 2010
10	Kinetic Studies for Adsorption of Arsenic Removal from water by Natural Adsorbent	Ashish Nashine	Dr. A. R. Tembhurkar	July 2010

S. No.	Thesis Topic	Name Of Scholar	Supervisor(S)	Date Of Registration
11	Development of Microbial Fuel Cell for Generation of Bioelectricity from Food Waste	Prachi Moharir	Dr. A. R. Tembhurkar	July 2014
12	Investigation of Self Healing Capability of Concrete with recycled Waste Materials Additive and Wastewater	Shekar Saxena	Dr. A. R. Tembhurkar	Jan 2015
13	Development of Adsorbent from Herbs, Barks and Roots for Deflouridation	Ajju Geogre	Dr. A. R. Tembhurkar	July 2015
14	Removal of Fluoride from drinking water	Sanghratna S. Waghmare	Dr. Dilip H. Lataye	July 2009
15	Adsorptive Treatment of Dye Based Wastewater using Low Cost Adsorbent	Mr. Manoj L. Meshram	Dr. Dilip H. Lataye	July 2009
16	Studies on Removal on Heavy Metals from Water using Low Cost Adsorbents	Mr. Ramakant Ingole	Dr. Dilip H. Lataye	July 2012
17	Adsorptive treatment of dye bearing wastewater by using low cost adsorbents	Ms. Trupti Balram Gupta	Dr. Dilip H. Lataye	Jan 2013
18	Adsorption of 4-nitrophenol onto Activated Carbon Prepared from Agricultural Wastes	Mr. Prashant T. Dhorabe	Dr. Dilip H. Lataye	Jan 2014
19	Some studies on effect of particles size and grain morphology on sand properties	Ashish Ashwinkumar Mehta	Dr. A. Patel	Jan 2013
20	Use of waste materials for sustainable bricks.	Anant Lal Murmu	Dr. A. Patel	July 2015
21	Ground improvement using soil beams	Ashwini Tenpe	Dr. A. Patel	Jan 2016
22	Interpretation of blender element testings in soils	Anjan Patel	S. Ingale	Jan 2016
23	Evaluation of downstream scouring with special reference to downstream scouring	Mr. Amol S. Pote	Dr A D Ghare	July 2010
24	Assessment of suitability of overburden material transported through water medium for mine stowing	Mr. Leedhar Dhote	Dr A D Ghare, Dr R R Yerpude	Jan 2012
25	Microbially and/or chemically assisted structural amelioration of cementitious materials	Anuja Uttamrao Charpe	Dr (Mrs) M. V. latkar	July 2015
26	Design Development of Flood Risk Management System Using Hybrid Assessment Approach	Madhuri Bhagat	Dr. Aniruddha D Ghare Dr. Rahul V Ralegaonkar	July 2009
27	Integration of Sustainable Technologies for Enhancing Energy Efficiency of Residential Buildings	Rujuta Bapat	Dr. Rahul V Ralegaonkar Dr. V A Mhaisalkar	July 2011
28	Impact Assessment of Built Environment on the occupants using LCA approach	Vishakha Sakhare	Dr. Rahul V Ralegaonkar	Jan 2013

S. No.	Thesis Topic	Name Of Scholar	Supervisor(S)	Date Of Registration
29	Design development of blended concrete for prefabricated housing system	Shashi	Dr. Rahul V Ralegaonkar	July 2015
30	Study of Node Flow Analysis for improved design of water distribution networks using Genetic Algorithm	M AH Abdy Sayyed	Dr. Rajesh Gupta	2010 FT
31	Study of methods for Location of Monitoring Stations in Water Distribution Networks with application to intermittent water supply systems	Shweta Rathi	Dr. Rajesh Gupta	2011 FT
32	Study of leakage reduction in water distribution systems through pressure management	R. D. Jadhav	Dr. Rajesh Gupta	2011 PT
33	Groundwater Modeling in urban areas for recharge characterization using geoinformatics approach	Tauseef A. Ansari	Y B Katpatal A D Vasudeo	Jan 2012
34	Spatial Correlation of Surface and subsurface hydrological parameters for basin development	Sarang Paranjape	M S Kadu Y B Katpatal	Jan 2012
35	Artificial Recharge studies through Reverse Gradient reservoir	Vijay Bhusari	Y B Katpatal P Kundal	Sept 2013
36	Disaster management studies in Gondia District using Rs and GIS	D K Pandey	Y B Katpatal P Kundal	July 2014
37	Watershed management using quantitative Parameters: A spatial approach	Chandan Singh	Y B Katpatal	July 2014
38	Impact assessment of global climate variability on water resource availability of Vena river basin in Vidarbha region using spatial approach.	Rishma C	Y B Katpatal	Jan 2015
39	Application of Cenosphere in Concrete	Ms. Unnati Agarwal	S.P.Wanjari	July 2015
40	In-situ non destructive testing of Concrete	Mr. Sudheer Reddy	S.P.wanjari	July 2015

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
41	Solid Waste Management	Prerna Pandey	Dr. Shilpa R. Dongre and Dr. Rajesh Gupta	Jan 2016
42	Assessment of Few Select Emerging Contaminants in Surface Water and Municipal Waste Water and Studies for their Removal	Roshan Appa	Dr. V. A. Mhaisalkar	August 2015
43	Estimation of Human Muscle Characteristics	Nitin Sontake	Dr. A. D. Ghare	July 2012
44	Study of methods for Location of Monitoring Stations in Water Distribution Networks with application to intermittent water supply systems	Parimal Arun Godse	Dr. V.S. Landge	July 2011
45	Study of leakage reduction in water distribution systems through pressure management	Rajesh Babanrao Ingole	Dr. Lataye D H	July 2011
46	Ground water pollution, Nagpur city	Sahajpreet Kaur Garewal	Dr. A.D. Vasudeo	July 2014
47	Super critical flow measurement by using cut throat flume.	Shrikant Tekade	Dr. A.D. Vasudeo	July 2012
48	Feasibility Studies on Solar Disinfection (SODIS) of Grey wastewater	Subhash B Kukekar	Dr. A. D. Ghare	July 2010
49	Study of Node Flow Analysis for improved design of water distribution networks using Genetic Algorithm	Sudhanwe Shingarey	Dr. V.S. Landge/ Nene S R	July 2010
50	Energy dissipation and soil erosion characteristics of Labyrinth Weirs	Vivek Sambhaji Hokam	Dr. V.S. Landge	July 2010
Computer Science & Engineering				
1	Software Defined Networks	Manish Paliwal	Dr. Dipti Shrimankar	June 2015
2	Parallel Computing & Networks	Pikle Nileshchandra Kalbarao	Dr. S. R. Sathe	June 2015
3	Mobile Communication & Network Security	Krishan Kumar	Dr. Dipti Shrimankar	June 2015
4	Mobile Computing	Jumde Amol Suresh Rao	Dr. N.S. Chaudhari	June 2015
5	Internet of Things	Abishi Chowdhury	Dr. S.A. Raut	June 2015

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
6	Data Mining	Rimjhim Padam Singh	Dr. Poonam Sharma	June 2015
7	Mobile Computing	Khandare Nikhil Baburao	Dr. N.S. Chaudhari	June 2015
8	Genome wide identification of cis regulatory elements and development of G-logo tool for genome logo representation.	Mendhe Prafulla Kailas	Dr. D. D. Shrimankar	Jan 2016
9	Data Science For Iot	Rohit Ramkrishna Bhargav	Dr. P. S. Deshpande	Jan 2016
10	Cloud Computing	Garima Singh	Dr. D. D. Shrimankar	Jan 2016
11	Computer Vision	M.Krishna Siva Prasad	Dr. P. A. Sharma	Jan 2016
12	Image Processing	Prasad P Kanhegaokar	Dr. P. A. Sharma	Jan 2016
13	Bio-Informatics & Data Mining	Ankush Mahadev Maind	Dr. S. A Raut	Jan 2016
14	Soft Computing	Jitendra Anandrao Madarkar	Dr. P. A. Sharma	Jan 2016
15	Mobile Computing	Shubham Gupta	Dr. N. S. Choudhari	Jan 2016
16	Network Security	Mohit Gupta	Dr. N.S. Chaudhari	July 2014
17	Mobile Communication & Network Security	Balu Parne	Dr. N.S. Chaudhari	Jan 2015
18	Mobile Communication & Network Security	Ms. Sneha Kanchan	Dr. N.S. Chaudhari	Jan 2015
19	Parallelization Of Cryptographic algorithm using CUDA	Jitendra V. Tembhurne	Dr. S. R. Sathe	Jan 2012
20	Parallelization of Algorithms	Tausif Diwan	Dr. S. R. Sathe	Jan 2012
21	Area – Parallel Computing	Mrs. Madhuri R. Pimple	Dr. S. R. Sathe	July 2013
22	Area – Parallel Processing	Shailendra W. Shende	Dr. S. R. Sathe	July 2013
23	Parallel Computing & Networks	Ms. Swati Manekar	Dr. S. R. Sathe	Jan 2015
24	Studies in Performance Improvement of Real Coded Genetic Algorithms and Their applications	A. S. Mokhade	Dr. O. G. Kakde	Jan 2008
25	Modelling & Evaluation of AD-Hoc Networks	Ashish Tiwari	Dr. O. G. Kakde	July 2009
26	Issues in Sensor Networks	Mrs. Padma Adane	Dr. O. G. Kakde	Jan 2012

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
27	Graph Mining	Abhiram Gandhe	Dr. P. S. Deshpande	July 2009
28	Software Architecture & Data Analysis	Abhijeet Thakre	Dr. P.S. Deshpande	Jan 2013
29	Building Data Mining Model for Indian Economy	Ms. Swati Hira	Dr. P. S. Deshpande	Jan 2012
30	Multivariate Analysis and its application to data mining	Narsimha Reddy	Dr. P.S. Deshpande	July 2012
31	Graph Mining Algorithms – Development & Applications	Atul Onkarrao Thakare	Dr. P.S. Deshpande	Jan 2013
32	Genetic Algorithm for Network Flow Analysis	Ms. Anita Bai	Dr. P.S. Deshpande	Jan 2014
33	Algorithms for target tracking in wireless sensor networks	Ms. Nishat Ansari	Dr. U. A. Deshpande	Jan 2012
34	Task assignment in Distributed Real-Time Systems	Milind Pennurkar	Dr. U. A. Deshpande	Jan 2012
35	Personalized & Geographic Information Retrieval	Ms. Mansi Radke	Dr. U.A. Deshpande	July 2012
36	Bioinformatics	Ms. Kavita Kathe	Dr. U. A. Deshpande	Jan 2014
37	Data Science & Data Mining	Ms. Parnika Paranjape	Dr. M.M. Dhabu	Jan 2015
38	Data Science & Data Mining	Nitesh Funde	Dr. M.M. Dhabu	Jan 2015
39	Data Science & Data Mining	Milind Anand	Dr. M.M. Dhabu	Jan 2015
40	Mobile Communication & Network Security	Rohit Pachlor	Dr. Dipti Shrimankar	Jan 2015
41	Parallel Computing & Networks	Umesh Balande	Dr. Dipti Shrimankar	Jan 2015
42	Parallel Computing & Networks	Omprakash Tembhurne	Dr. Dipti Shrimankar	Jan 2015
43	Mobile Communication & Network Security	Ashwini Rahangdale	Dr. S.A. Raut	Jan 2015
44	Bioinformatics & Systems Software	Richa Makhijani	Dr. S.A. Raut	Jan 2015
Electrical Engineering				
1	Wavelet Transform and its application to process power quality distrbance	Jyoti S Bhonsle	Dr.Mrs.A.S. Junghare	July 2009
2	Some studies on Solar Home lighting System	Mr. A.S.Werulkar	Dr. P.S.Kulkarni	July 2010
3	Some techniquefor minimization of VAR loading to improve Power Quality	Mrs R. J. Satputaley	Dr.V.B.Borghate	July 2010
4	Analysis and performance of dual input dual output Z source inverter for multiple IM drive	Gaurav Goyal	Dr.M.V.Aware	July 2011

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
5	Some studies on double input power electronic DC-DC converters	Kushal A. Kanhav	Dr. M.A.Chaudhari	July 2011
6	Pro effects od symmetrical and unsymmetrical sags on induction machine	Mrs V A Huchche	Dr.Mrs.A.S. Junghare Dr.N.R.Patne	July 2011
7	Some Studies On Small grid connected PV system	Prachi Salodkar	Dr.P.S.Kulkarni	July 2011
8	Study on Fault Tolerant Power Converter polyphase Machine Drives	Sonali Rangari	Dr.H.M.Suryawanshi	July 2011
9	Energy requirement for distributed energy resources with battecry energy storage for reducing losses in three phase disrribution lines	Mahesh Pandya	Dr.M.V.Aware	July 2011
10	Transient stability constrained optimal power flow using Biogeeography based optimisation	Bhushan Y Bagde	Dr.B.S.Umre	July 2011
11	Some studies on effect of compensation Drives on Distancee Protection Of Transmission Line	Mohan P Thakre	Dr.V.S.Kale	Jan 2012
12	Diagnosis of Incipient Fault development in Transformer By condition monitoring	Prasad A Venikar	Dr.M.S.Ballal Dr.B.S.Umre	July 2012
13	Effecient power converter for different renewable energy sources for grid connection	Shelas Sathyan	Dr.H.M.Suryawanshi	July 2012
14	Some studies on solar photovoltaic based water pumping system	Manoj Bechooprasad Maurya	Dr.P.S.Kulkarni	Jan 2013
15	Converter Design for Integration of Sources	Mrs Snehal P Pachpor	Dr.H.M.Suryawanshi	Jan 2013
16	Artificial Intelligence applications to power system	S S Gokhale	Dr.V.S.Kale	Jan 2013
17	Some studies on effect of Distributed Genration in Power System	Piyush S Patil	Dr.M.R.Ramteke	Jan 2013
18	Integration of Renewable Energy Sources Through Multilevel Inverter for Utility Grid	Shitole Amardeep B.	Dr.H.M.Suryawanshi	July 2013
19	Performance improvement by switching state optimization of three phase multilevel VSI by genetic Algorithm	Wankhede Dinesh S.	Dr.M.V.Aware	July 2013
20	Direct Torque Control of five phase Induction Motor	Yogesh N Tatte	Dr.M.V.Aware	July 2013
21	Control Algorithm Design Of A multilevel Converter System For Integration Of Distributed Genration to AC Grid	Amarendra Matsa	Dr. M.A.Chaudhari	July 2013

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
22	Real Time Power Quality Monitoring	Chetan Bhimrao Khadse	Dr. M.A.Chaudhari Dr.V.B.Bhorghate	Jan 2014
23	Protection Scheme for shunt compensate transmission line	Arvind R Singh	Dr.N.R.Patne Dr.V.S.Kale	Jan 2014
24	Online condition Monitoring for Three Phase Induction Motor	Vilhekar Tushar G	Dr.M.S.Ballal	Jan 2014
25	Some studies on Chaos in Power System	Sunil P Nangrani	Dr.S.S.Bhat	Jan 2014
26	Study and design of controller to mitigate subsynchronous resonance	D. Koteswara Raju	Dr.B.S.Umre Dr.Mrs.A.S. Junghare	Jan 2014
27	Application of fractional order PLID controller	Swapnil W Khubalkar	Dr.Mrs.A.S. Junghare Dr.M.V.Aware	Jan 2014
28	Study of Discrete Controllers	Prakash Dwivedi	Dr.Mrs.A.S. Junghare	Jan 2014
29	Multilevel inverter topologies with reduced number of switches	K. Raghavendra Reddy	Dr.V.B.Bhorghate	July 2014
30	Smart Meters	Supriya Jaiswal	Dr.M.S.Ballal	July 2014
31	High power soft switching DC DC converter	Naresh Kumar Reddi	Dr.M.R.Ramteke Dr.H.M. Suryawanshi	July 2014
32	Aspects of 400KV fixed series compensation at 1200/765/400/220KV power grid Wardha Substation	Piyush M Khadke	Dr.N.R.Patne	July 2014
33	Multi phase Drives	Jay K Pandit	Dr.M.V.Aware	July 2014
34	Control and protection of AC Microgrid	Girish Gowd Talapur	Dr.H.M. Suryawanshi	Jan 2015
35	Optimum Utilization of magnetization characteristics for Power capacity Enhancement of the transformer and considerable saving in the core cost	Sunil Maniklal Mutha	Dr.B.S.Umre	Jan 2015
36	Smart Metering	M G Wath	Dr.M.S.Ballal	Jan 2015
37	Smartgrid smart electricity grid measuring and control mechanism to automanage the load and despatch situation	Amit R Kulkarni	Dr.M.S.Ballal	Jan 2015
38	Wide Area Monitoring Protection and cotrol application to Power system protection	Revati G Godse	Dr.S.S.Bhat Dr.S.R.Bhide	July 2015
39	Distributed Genration optimal location and sizing	Rishabh Ranjan	Dr.V.S.Kale	July 2015
40	Network Reconfiguration of radial Distribution system	Ishan Srivastave	Dr.S.S.Bhat	July 2015

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
41	Study of three phase to five phase Matrix converter for traction Drives	Apekshit Bhowate	Dr.M.V. Aware	July 2015
42	Permanent Magnet Brushless Drive for Electric Traction	Manish S Triwedi	Dr.R.K.Keshri	July 2015
43	Application of fractional order PLID controller for non linear system	Sandeep Pandey	Dr.Mrs.A.S. Junghare	July 2015
44	Application of Three Phase Three Leg Nine Switch AC/DC/AC Converter	Cheitanya Namdeorao Jibhakate	Dr. M.A. Chaudhari	July 2015
45	Multilevel inverter for Renewable Energy Application	Sidharth Sabyasachi	Dr.V.B.Bhorghate	July 2015
46	Divided Winding Rotor	Agarala Ajaysekhar Reddy	Dr.S.S.Bhat	July 2015
47	Fast charging of Electric vehicle	Sandhya Lavelly	Dr.R.K.Keshri Dr. M.A. Chaudhari	Jan 2016
48	Multilevel converter of HVDC application	M. Santosh Kumar	Dr.V.B.Bhorghate	Jan 2016
49	Application of losses minimization by using PWM technique For electric vehicle	B. Hemant Kumar	Dr. M.M Lokhande	Jan 2016
50	Distributed energy resource management in microgrid using multi agent system	Ashok M. Jadhav	Dr.N.R.Patne	Jan 2016
51	Some studies on transmission line protection algorithm for smart grid	Nagaballi Srinivas	Dr.V.S.Kale	Jan 2016
52	Power quality improvement in grid intigration of wind energy generation	D. Subbarao	Dr.N.R.Patne Dr. M.A. Chaudhari	Jan 2016
53	Design of power sources for plug in hybrid vechicles	Ravi Rajan Singh	Dr. M.M Lokhande, Dr.Ravi N. Methekar	Jan 2016
54	Co-ordinate contyrol of microgrids	Rohit Deshmukh	Dr.M.S.Ballal	Jan 2016
55	Open end multiphase drive for wind generation	Sohit Sharma	Dr.M.V.Aware	Jan 2016
56	Contact less charging for electric vehicle	Vaka Ravi Kiran	Dr.R.K.Keshri	Jan 2016
57	Development of efficient Converter for grid integration	Vijay Vardhav Reddy P	Dr.H.M. Suryawanshi	Jan 2016
58	Study of energy efficiency and electrical energy bench marking in to mining industry	Seema Topno	Dr. Anjali Junghare, Dr. B.S.Umre B S	Jan 2016
59	Medical Imaging Pattern : Classification or Event Prediction for Real Time Embedded System	Shrceesh R. Tambay	Dr. S.R.Bhide	July 2010

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
60.	Synchronization Issues in WCDMA Systems	Shrikant Durgadaspant Naik	Dr. M K Khedkar	July 2009
61.	Study of three phase to five phase Matrix converter for traction Drives	Apekshit R Bhowate	Dr.M.V.Aware	July 2015
62.	Developments of converter for renewable Energy sources	Chandan Manik Chawhan	Dr.V.B.Bhorghate	Jan 2013
Electronics & Communication Engineering				
1	Tracking of balls in games like cricket, football, etc.	Paresh Kamble	Dr. A. G. Keskar, Dr. K. M. Bhurchandi	April 2014
2	Image and Video Compression	Samruddhi Kahu	Dr. K. M. Bhurchandi	Jan 2014
3	Performance Enhancement of Antenna Arrays	Prerna Saxena	Dr. A.G. Kothari	Jan 2013
4	Image and video compression	Ch Naveen	Dr. A. G. Keskar, Dr. V. R. Satpute	June 2015
5	Image Quality Assessment	Vipin Kamble	Dr. K. M. Bhurchandi	Jan 2013
6	Smart Water Systems	Aditya Gupta	Dr. K.D.Kulat	July 2014
7	Smart Transportation Systems	Neereaj Bokde	Dr. K.D.Kulat	July 2014
8	Meta Material based Antenna	Dushyant Marathe	Dr. K.D.Kulat	Dec 2014
9	Wireless Communications(5G)	Sudhir Kumar Mishra	Dr. K.D.Kulat	July 2015
10	Internet of Things (IoT)	Neha K Nawandar	Dr. V. R. Satpute	Aug 2016
11	Medical Imaging	A. Prabhakara Rao	Dr. Saugata Sinha	Jan 2016
12	Energy efficiency in Wireless Sensor Networks	Khyati Shrivastav	Dr. K. D. Kulat	Jan 2014
13	Power Line Communication	Neelima Agrawal	Dr. Prabhat Sharma	Jan 2016
14	Medical Signal Processing	Nikita Rathi	Dr. Saugata Sinha	Jan 2016
15	Synchronization Issues in Massive MIMO	Sandeep Kumar Singh	Dr. A. S. Gandhi	Dec 2013
16	Full duplex cognitive radios	Santoshkumar Sabat	Dr. A. S. Gandhi	Dec 2014
17	Cluster Size Optimization in Underground Wireless Sensor Network	Sadanand Yadav	Dr. Vinay Kumar	Jan 2016

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
18	Image Analysis and computation for human machine interaction using Internet of Things	Varun Tiwari	Dr. A. G. Keskar	July 2014
19	Visual Object Tracking	Mayur Parate	Dr. K. M. Bhurchandi	Dec 2013
20	Multiport planar monopole antennas for multiple wireless applications	N. Anvesh Kumar	Dr. A. S. Gandhi	July 2014
21	Face Recognition	Manisha Sawant	Dr. K. M. Bhurchandi	Dec 2014
22	Cryptography	Saiyma Fatima Raza	Dr. A. G. Keskar, Dr. V. R. Satpute	July 2015
23	Energy efficient Underwater Wireless Sensor Networks	D N Sandeep	Dr. Vinay Kumar	Jan 2016
24	Wireless Communication	Madhuri Padwekar	Dr. Prabhat Sharma	Jan 2016
25	UWB Antennas for body centric communication	D Srinivas	Dr. A. G. Kothari	Dec 2013
26	Data loss mitigation using compressive sensing	T Venkata Sainath Gupta	Dr. A. S. Gandhi	July 2014
27	Internet of Things: Detecting various body parameters like heartrate, pulse, saturation level of oxygen, temprature etc. and connecting with IOT.	Akshay Kekre	Dr. A.G. Kothari	Jan 2015
28	Medical Imaging	Nitin Satpute	Dr. Saugata Sinha	Jan 2016
29	Commbded System for the Detection of Concealed Explosives	Paritosh Peshwe	Dr. A. G. Kothari	Jan 2014
30	Video Sequence Retrieval	Meghana M. Agnihotri (Gauri Halde)	Dr. A. S. Gandhi	July 2011
31	Low Power VLSI System Design	Mridula Korde	Dr. A. S. Gandhi	July 2009
32	Metro rail control through wireless communication	Dhakate Pankaj Shaligram	Dr. A. G. Kothari	Jan 2016
33	BAN and Cognitive Radio	Pradnya Hemant Ghare	Dr. A. G. Kothari	Jan 2012
34	Optimization of power efficieny in IOT enabled wearable devices	Pratap D Gawande	Dr. A. G. Kothari/ Dr K D Kulat	Jan 2015
35	Embedded Image Processing Algorithms	Bhumika Neole	Dr. K. M. Bhurchandi	July 2011
36	Compressive Sensing Recovery and It's VLSI Implementation	Vipul Lande	Dr. K M Bhurchandi	July 2011
37	Intelligent network of cameras	Unmesh D Oke	Dr. K M Bhurchandi /Dr A G Keskar	Jan 2015

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
VLSI And Nanotechnology				
1	Design of Multi-Standard Transceiver for Wireless Communication Systems using RF MEMS	Amol Morankar	Dr. R. M. Patrikar	July 2009
2	Graphene	Swapnali Makdey	Dr. R. M. Patrikar	July 2013
3	An approach towards digital microfluidic system	Vandana Jain	Dr. R. M. Patrikar	Jan 2014
4	Measurements and control of parameters of MEMS cantilever switch	Akanksha Singh	Dr. R. M. Patrikar	Dec. 2014
5	Modeling and characterization of Lab on chip devices	T Pravinraj	Dr. R.M.Patrikar	Jan 2015
6	Computational Nanoelectronics	Ravi Solanki	Dr. R. M. Patrikar	July 2015
7	Design of Novel Low Power Asynchronous Sigma-Delta Analog-to-Digital Converter	Anita Deshmukh	Dr. R.B. Deshmukh	July 2009
8	Development of Low Power Reconfigurable System to solve 1-D / 2-D Signal Processing Problem	Mr. Pravin P. Zode	Dr. R.B. Deshmukh	July 2009
9	Reliability of RF MEMS switch	Jaya D. Chandwani	Dr. R. B. Deshmukh	Jan 2014
10	Tunable Vibration based Energy Harvester	Rohit W. Somkuwar	Dr. R. B. Deshmukh	July 2015
11	Asynchronous Level crossing sampling ADC	Akash V. Joshi	Dr. R. B. Deshmukh	Jan 2015
12	Condition Monitoring using Compressive Sensing	Meenu Rani	Dr.R.B.Deshmukh Dr. S.B. Dhok	Dec. 2014
13	Design of HEVC Standard based Video Compression	Eskinder Anteneh Ayele	Dr. S B Dhok	July 2012
14	Fractal Based Video Compression Scheme	Ravindra E. Chaudhari	Dr. S B Dhok	July 2012
15	Separation of Text Information from Multi-Source Scanned Documents	Parul Sahare	Dr. S B Dhok	Jan. 2014
16	Low Power MAC protocol for Internet of Things	Prachin Bhoyar	Dr. S.B. Dhok Dr. R.B. Deshmukh	June 2015
17	Design and modeling of organic semiconductor devices	Ishan C. Ghosekar	Dr. Ganesh C. Patil	Jan.2016
18	Micro Electro Mechanical Systems for RF (RF MEMS)	Pankaj Joshi	Dr. R. B. Deshmukh	July 2009
19	Study of fermentation and separation of carboxylic acids	Srirang Korde	Dr. R. B. Deshmukh	July 2011

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
Humanities & Social Sciences				
1	The Feminist Consciousness in the Selected Novels of Anita Desai	Mrs Hemangi Patil	Dr. M.Ghosal	Jan 2013
2	Understanding Transitional Conflicts Between Tradition and Modernity in the Novels of Manju Kapur	Mr.Umesh Waman Guramwar	Dr. M.Ghosal	July 2014
3	OD Intervention in Private Educational Institutions	Mr.Pravin Kumar	Dr.Yogesh Deshpande	Jan 2015
4	Internet addiction and Psychopathology	Miss. Shilpa Bisen	Dr.Yogesh Deshpande	July 2015
5	Community Development	Miss. Amruta Shirpurkar	Dr.G.N.Nimbarte	July 2015
6	Sociological study of Primary Education	Mr. Sachin Burde	Dr.G.N.Nimbarte	July 2015
Applied Mathematics				
1	Modified theories of gravitation and recent observational constraints	Mr. Binaya Kumar Bishi	Dr. G. P. Singh	July 2013
2	Numerical methods for singularly perturbed delay differential equations with large delays	Mr. S. Dinesh Kumar	Dr. P. Pramod Chakravarthy	July 2013
3	Numerical methods for singularly perturbed multi parameter boundary value problems	Mr. Trun Gupta	Dr. P. Pramod Chakravarthy	Jan 2015
4	Computational methods for Singularly perturbed Parabolic Partial Differential Equations	Mr. Kamalesh Jangir	Dr. P. Pramod Chakravarthy	Jan 2016
5	Studies on the flows of two immiscible micropolar and Newtonian fluids	Mr. Ankush Raje	Dr. M. Devakar	July 2015
6	Regularization of nonlinear ill-posed operator equations under Hilbert scales	Mr Pradeep Dadsena	Dr. Pallavi Mahale	July 2015
7	Regularization of nonlinear ill-posed operator equations in Banach spaces	Mr. Sharad Kumar Dixit	Dr. Pallavi Mahale	Jan 2016
8	High resolution schemes for hyperbolic conservation laws	Yogitha Rathod	G. Naga Raju	Dec 2012
9	Numerical Methods for hyperbolic conservation laws	Samala Rathan	G. Naga Raju	July 2015
10	Fixed Point theorems for Nonexpansive mappings	Rahul Shukla	Rajendra Pant	July 2015
11	Numerical methods for singular boundary value problems for ordinary differential equations.	Mr. Ujwal Warbhe	Pradip Roul	July 2013
12	High-order numerical methods for solving singular boundary value problems arising in various physical models	Mr. Kiran Thula	Pradip Roul	July 2015

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
1	Numerical methods for a class of singular two-point boundary value problems	Mr. Dipak Biswal	Pradip Roul	Jun 2016
2	A Study of some problems in Fixed Point Theory	Pradip Ramesh Patle	Dr. Deepesh Kumar Patel	Jan 2016
Mechanical Engineering				
1	Dynamic Analysis of structural element under the moving mass for damage assesment	Tanuja S. Vaidya	Dr. Animesh Chatterjee	July 2011
2	Experimental and Finite Element Analysis for Characterization of Co-cured Composite T-Joint	Atul Sane	Dr. P.M. Padole Dr. R.V. Uddanwadiker	July 2012
3	CFD and Finite Element Analysis of Blood Flow through Arteries	Pooja Jhunjhunwala	Dr. P.M. Padole Dr. S.B. Thombre	Jan 2014
4	Notch Effects At High Temperature In Low Cycle Fatigue Life Prediction	Richa Agrawal	Dr. P.M. Padole Dr. R.V. Uddanwadiker	Jan 2013
5	Durability Assessment of Crank Shaft using Finite Element and Experimental Technique	Anil Umale	Dr. P.M. Padole	July 2011
6	Fracture of soft and hard solids interface	Avinash A. Thakre	Dr. A.K. Singh	July-2013
7	Interfacial Frictional Dynamics of soft and hard solids	Vinit Gupta	Dr. A.K. Singh	July-2013
8	Nonlinear Dynamics of rate and state friction model	Nitish Sinha	Dr. A.K. Singh	July-2014
9	Tribology of Lubricants	Shraddha Gondane	Dr. A.K. Singh	July-2013
10	CAD and Kinect based approach for robot assisted spray painting	Abhishek Jha	Dr. S.S.Chiddarwar	July 2013
11	Development of Hybrid non-linear controller	Veer Alakshendra	Dr. S.S. Chiddarwar	Jan 2014
12	Bond graph modeling of robotic system	Saumya Ranjan Sahoo	Dr. S.S. Chiddarwar	July 2015
13	Analysis of Multipot Biomass Cookstove	Rohan R Pande	Dr. V.R. Kalamkar	July,2014
14	Experimental and Mathematical Investigations on solar powered helical rotor pump	Arunendra K Tiwari	Dr. V.R. Kalamkar	July,2014
15	Investigation of heat transfer and friction using artificial roughness in solar air heater.	Sanjay K Sharma	Dr. V.R. Kalamkar	July,2013
16	Theoretical and Experimental Analysis of Advanced Biomass Cookstove.	Milind P Kshirsagar	Dr. V.R. Kalamkar	Jan, 2013

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
17	Experimental and CFD analysis of low capacity solar PV powered submersible Centrifugal pump.	Vimal Chand Sontake	Dr. V.R. Kalamkar	Jan, 2013
18	Understanding and Implementing the Numerical aspect of MHD in the context of Industry	Ranjit J Singh	Dr. Trushar B. Gohil	July 2015
19	Crashworthiness of Reinforced Honeycomb Structures	Tiju Thomas	Dr. Gaurav Tiwari	July 2015
20	Crushing response of light weight structure	Vivek Patel	Dr. Gaurav Tiwari	Jan 2016
21	Estimation of characteristics of skeletal muscles and its response to different type of loading	Chetan Kuthe	Dr. R. V. Uddanwadiker	Jan 2012
22	Design and development of economic prosthetic hand to restore aesthetics and functionality	Tushar Kulkarni	Dr. R. V. Uddanwadiker	July 2013
23	Biomechanics of lingual brackets	Abhishek Thote	Dr. R. V. Uddanwadiker	July 2014
24	Customized Surgical Guide using Layered Manufacturing	Sandcep Dahake	Dr. A M Kuthe	July 2013
25	Rapid Prototyping assisted scaffold fabrication for Bone Tissue Engineering	Pranav Sapkal	Dr. A M Kuthe	July 2014
26	Critical Analysis of Customized metallic Implant manufacturing	Sanjay Randiwe	Dr. A M Kuthe	Jan 2013
27	Computer Aided Metal Casting	Dheeraj Bhiogade	Dr. A M Kuthe	Jan 2013
28	Development of Innovative Product Using Layered Manufacturing	Mahesh Mawale	Dr. A M Kuthe	July 2013
29	Fatigue Failure analysis of Customized Hip Implant	Mangesh Dharme	Dr. A M Kuthe	July 2011
30	Rapid Prototyping Assisted scaffold Fabrication for Cartilage Regeneration	Ashutosh Bagde	Dr. A M Kuthe	Jan 2016
31	Investigation of HCCI Engine	R.A.Kathar	Dr. J.G. Suryawanshi	June 2009
32	Investigation of GDI Engine	S.P.Chincholkar	Dr. J.G. Suryawanshi	June 2011
33	Investigations on PCCI Engine	Girish Bhiogade	Dr. J.G. Suryawanshi	June 2012
34	Investigation on SI engine using Hydrogen and CNG blend	P.T.Nitnaware	Dr. J.G. Suryawanshi	June 2010
35	Experimental and Numerical study of flow and Heat transfer in Air Heater	Vipin B. Gawande	Dr. A.Dhoble and Dr. D B Zodpe	July 2012
36	Experimental Investigation of algae based biodiesel as an alternative fuel for Diesel engine	Sushant Satputale	Dr. N. V. Deshpande and Dr D B Zodpe	July 2012

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
37	Study of Biofuel Combustion	Satish Bhele	Dr. N. V. Deshpande Dr. Shashikant B. Thombre	2011
38	Computer Aided Manufacturing planning (CAMP) using STEP data through Automatic manufacturing feature recognition	Bhaskar Ramkrishna Borka	Dr. Y M Puri	July 2009
39	Design Development and Analysis of Electrical Discharge Turning Process	Vikas Gohil	Dr. Y M Puri	Jan. 2013
40	Development and analysis of curved hole machining using EDM	Diwesh Meshram	Dr. Y M Puri	July 2013
41	Development of Mg AZ91 Based Surface Composites by Friction Stir Processing	Hemendra Patle	Dr. Ravikumar Dumpala	July 2015
42	Heat Exchanger	C. Mangrulkar	Dr. A.S. Dhoble	Jan 2014
43	Optimization of photovoltaic Panels	Tushar Sathe	Dr. A.S. Dhoble	July 2015
44	Experimental investigation of solar photovoltaic and thermal systems using optical filters.	Sandeep Joshi	Dr. A.S. Dhoble	Dec. 2012
45	Investigation of fatigue failure of FRP composite material blade used in rotary machines.	Pravin Kulkarni	Supervisor:A. Dhoble Co-Supervisor:P. M. Padole	July 2013
46	Studies on fuel cells	Ranjan Kishor Mallick	Dr. Shashikant B. Thombre	July 2013
47	Fuel Cells related topic	Seema Munjewar	Dr. Shashikant B. Thombre	July 2014
48	Some studies on Dye Sensitized Solar Cells	Amit Sanjay Karwade	Dr. Shashikant B. Thombre	July 2015
49	Renewable Energy sources	Vandita Shahu	Dr. Shashikant B. Thombre	December 2015
50	Performance Analysis of Solar Still	H. S. Deshmukh	Dr. Shashikant B. Thombre	2008
51	Performance Analysis of Solar Air Heaters	Y. C. Dhote	Dr. Shashikant B. Thombre	2008
52	Studies Related to Improvement in Solar PV Module Output - Experimental Approach	V. R. Bhore	Dr. Shashikant B. Thombre	2012 (RST Nag Uni)
53	Milling of Inconel 718	Rahul Mali	Dr. T.V.K Gupta	July 2015
54	Machine Condition Monitoring Using Artificial Intelligence Approach	Mr. Vinay Thute	Dr. A. B. Andhare	July 2009
55	Quality Assessment of Gearbox	Mr. Prasad Kane	Dr. A. B. Andhare	July 2011

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
56	Tool Wear Modeling	Mr. Ganesh Lamdhade	Dr. A. B. Andhare	July 2012
57	Modification in Sugar Cane Cutter Design to Improve Productivity	Mr. Yogesh Deshpande	Dr. A. B. Andhare Dr. P. M. Padole	Jan. 2013
58	Performance of Journal Bearing Using Nano Bio Lubricants	Mr. Dhananjay Katpatal	Dr. A. B. Andhare Dr. P. M. Padole	Jan. 2013
59	Machining of Titanium Alloys	Mr. Neelesh Sahu	Dr. A. B. Andhare	July 2013
60	Performance Evaluation of Nano Coolants in Machining	Mr. Roja Raju	Dr. A. B. Andhare	July 2013
61	Design and Development of Bed for Patient Care	Mr. Anil Onkar	Dr. A. B. Andhare	July 2013
62	Position and Path Control of AGV by Fixed Sensor and Controller	Mr. R. G. Pungle	Dr. H. T. Thorat, Dr. A. B. Andhare	July 2008
63	Application of wire EDM in Rapid Manufacturing	Sanjay Rathi	Dr.A M Kuthe / Puri Y M	July 2011
64	Study of Heat transfer in heat exchanger using Nano fluid	Vivek Ugare	Dr.A S Bhoble	Jan 2013
65	Tool Wear Modeling	Ganesh Lamdhade	Dr.Andhare A B	July 2011
66	Establishing Empirical relationship amongst some parameters of manually energized keyed brick making machine	Hemant Vithalrao Aware	Dr.Andhare A B	July 2011
67	Mechanism and Robotics	Ankur Jaiswal	Dr.Hemant Jawale	Jan 2014
68	Mechanism and Robotics	Sachin Bhojne	Dr.Hemant Jawale	July 2013
69	Design & Development of Rapid prototyping assisted fixture design	Ashwini Milind Ramteke	Dr.K M Ashtankar	Jan 2015
70	Critical analysis of rapid prototyping assisted manufacturing	Shinde Mahesh Sheshrao	Dr.K M Ashtankar	July 2014
71	Finite element analysis of damaged composite T-Joint	Roshan U. Patil	Dr.Padole P M/ A.S. Dhoble	Jan 2013
72	Optimization using Artificial intelligence	Rajesh Mankar	Dr.Shital S. Chiddarwar	Jan 2013
73	Experimental Investigation of suitability of algac-biodiesel as an alternative fuel for diesel engine	Sushant Satish Satputaley	Dr. D B Zodape	Jan 2011

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
Metallurgical And Material Engineering				
1	Development of CNT reinforced Polymer composites and their cryogenic treatment for Mechanical and Tribological applications”	Swamini Chopra	Dr. D.R.Peshwe	July 2015
2	Development of Solid State Lighting Materials	Abhilasha Jain	Dr. D.R.Peshwe Dr.S.G.Dhoble	Jan 2013
3	High temperature fatigue behaviour of heat treated 9 Cr steel	Ashish Vaidya	Dr. D.R.Peshwe Dr. A.R.Ballal	July 2015
4	Re-aging studies of 7010 Al alloy	Yogesh Mahajan	Dr. D.R.Peshwe	Jan 2013
5	Effect of coating structure on corrosion of galvanized steel	BD Deshmukh	Prof. A. P. Patil	July 2010
6	Studies on welding and corrosion of Ferritic SS	SA Ambade	Prof. A. P. Patil	July 2010
7	Studies on welding and corrosion of Cr-Mn stainless steels	Ankur Bansod	Prof. A. P. Patil	July 2013
8	Studies on structural characterization and wear properties of some alloy steels	Pranay Bagde	Dr R K Khatirkar Dr S G Sapate	July 2012
9	Tribological behaviour of hard coatings used in industry	Nitesh Vashishtha	Dr S G Sapate	July 2015
10	Deformation studies on metallic glasses through cluster dynamics	K S N Satish Idury	Dr. J.G.Bhatt Dr. B S Murty	July 2014
11	Synthesis and characterization of W particulate –Bulk Metallic Glass composites	Anuj Khond	Dr. A.K.Srivastav Dr. J.G. Bhatt	Jan 2016
12	Processing and characterisation of reinforced ABS nanocomposite	P A Kakde	Dr S N Paul	July 2010
13	Structure and properties of PTT based polymer blends	S A Deo	Dr S N Paul /J D Ekhe	July 2007
14	Defect characterization on pre fracture deformation behaviour of high carbon steel	H. Gandhe	Dr S N Paul	July 2015
15	Effect of Cold Work on Creep Behaviour of D9I Stainless Steel.	Hari Yadav	Dr. A.R.Ballal Dr. M.M.Thawre	July 2015
16	Deformation Behaviour of Advanced Materials.	Anurag Sharma	Dr. M.M.Thawre Dr. A.R.Ballal	Jan 2016
17	FSW of 7XXX Al alloys	Rishi Saraf	Dr. A.A.Likhite	July 2014
18	Austempered Ductile Iron	Vinayak Dakre	Dr. A.A.Likhite	Dec 2014

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
19	Structural developments during deformation and annealing in two phase materials	Amit Kumar	Dr. R.K. Khatirkar	Jan, 2015
20	Welding behavior and corrosion studies of stainless steels	Jageswar Verma	Dr. R.V. Taiwade Dr. R.K. Khatirkar	Dec, 2013
21	Characterization of Microstructure, Mechanical Properties and Corrosion Resistance of Weldments .	Ms. Sumitra Sharma	Dr. R.V.Taiwade	July 2015
22	Conductive paints	Sanjeev Kumar Yadav	Dr. R C Rathod	Jan 2016
23	Synthesis, Characterization, And Evaluation Of Anticorrosive Performance Of Electro Active Polyimide And Its Composites.	Jeetendra Kumar Malav	Dr. R C Rathod / Dr. S S Umare	July 2014
24	Synthesis & Characterization of high conducting polypyrroles and their blends as Novel sensors.	Vineet V. Karambelkar	Dr. Paul S N / Dr. Ekhe J D	July 2009
25	Structure property correlation ship in austenitic and ferrite stainless steel weldments.	Himanshu Vashishtha	R V Taiwade	July 2014
Mining Engineering				
1	Support Pressure for Squeezing Tunnel	Shashank Sharma	Dr. I L Muthreja, Dr.R R Yerpude	July 2015
2	Safety information and decision System for coal mine	Mr Anupan Kher	Dr.R.R.Yerpude	July 2011
3	Blasting in Opencast Mines	Ch. Venkat Ramana	Dr. N.R. Thote	Jan 2016
4	Durability assessment of crankshaft using finite element and experimental technique	Thote N R / John Loui	Dr. Chandrani Devendra Prasad	July 2011
Applied Physics				
1	Development of lead free electro ceramics for ferroelectric applications	Ms. Mugdha Jagdale	V.K. Deshpande	Jan 2013
2	Study of the effect of gamma and neutron irradiation on physical properties of lithium borosilicate glasses	Mr. Ashish P. Raut	V.K. Deshpande	July 2013

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
3.	Synthesis and Characterization of Rare Earth Oxide Doped Alkali Silicate Glasses and Glass ceramics	V.Y.Ganvir	Dr. R.S.Gedam	June 2011
4.	Synthesis and Characterization of Glasses Containing Semiconductor Quantum Dots	S. R. Munishwar	Dr. R.S.Gedam	June 2013
5.	Synthesis and Characterization of Glasses doped with rare earth for solid state lightning	Praveen P. Pawar	Dr. R.S.Gedam	Jan 2015
6.	To study the role of semiconductor QDs in glasses as a photocatalyst.	Sk. Samin Kader	Dr. R.S.Gedam	Jan 2016
7.	Synthesis of Cd based nanoforms and their doping towards luminescence application	Nikila Nair	Dr. B. R. Sankapal	Jan 2013
8.	Cd-chalcogenide based thin film solar cells	Sutripto Majumder	Dr. B. R. Sankapal	July 2013
9.	Coating of metal oxide/hydroxides on carbon nanotube thin films for supercapacitor application	Shrikant S Raut	Dr. B. R. Sankapal	July 2013
10.	Nanomaterials for supercapacitor	Swapnil Kharade	Dr. B. R. Sankapal	Dec 2014
11.	Nanomaterials for Device Grade Applications	Bidhan Pandit	Dr. B. R. Sankapal	July 2015
12.	Studies in $\text{Cu}_2\text{ZnGeSe}_4$ thin films	G. Swapna Mary	Dr. G. Hema Chandra	July, 2013
13.	Investigations on $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ thin films	Deepak R Nagapure	Dr. G. Hema Chandra	July, 2014
14.	Preparation and characterization of $\text{Cu}_2\text{ZnSnSe}_4$ thin films	M. Rhishikesh Patil	Dr. G. Hema Chandra	July, 2015
15.	Preparation and study of bismuth oxide containing glasses and glass ceramics	Mrs. Vijaya D. Raut	Dr. (Mrs.) A. V. Deshpande	July 2009
16.	Synthesis and characterization of solid electrolyte for thin film battery application	Ms. Shweta Gundale	Dr. (Mrs.) A. V. Deshpande	July 2014
17.	Dielectric and ferroelectric studies of bismuth titanate based systems	Ms. Shraddha Badge	Dr. (Mrs.) A. V. Deshpande	July 2015
18.	Synthesis & Characterization of PANI doped with nanoparticles and PANI nanocomposites	Jyoti Ghushhe	Dr. Mrs. S.M. Giripunje	July 2010
19.	Design and development of Tandem solar cell using Quantum Dots	Shikha Jindal	Dr. Mrs. S.M. Giripunje	July 2013
20.	Nanomaterials for defence application	Vijaya Laxmi Thite	Dr. Mrs. S.M. Giripunje	Jan 2016

S. No.	Thesis Topic	Name Of Scholar	Supervisor(s)	Date Of Registration
21.	Functionalized nanoparticles for biomedical applications.	Mr Kamlesh Vasantrao Chandekar	Dr K. Mohan Kant	July 2014
22.	Removal of heavy metal ions from waste water.	Ms Vibha Harikrishna Ojha	Dr K. Mohan Kant	Jan 2016.
23.	Quantum Information Theory and Mathematical Physics	Pranay Barkataki	Dr. M. S. Ramkarthik	July 2015
24.	Electronic Structure calculations of bulk and low-dimensional systems	Pawan J. Dhobale	Dr. Poorva Singh	Jan-2016
25.	Preparation and study of bismuth oxide containing glasses and glass ceramics	Vivek Madanrao Kale	Patrikar S R	July 2009
26.	Study of Precincts in Urban Area under Transformation	Yogesh Shivaji Ninawe	Deshpande V K	July 2011

VINCENT SHANTHA KUMAR PH. D STUDENT
NITs Scholars In-Residence Programme
at Rashtrapati Bhavan
11-17 April, 2015



RAJBHASHA SHIELD FOR THE IMPLEMENTATION OF
HINDI IN OFFICIAL WORK AT AKHIL BHARTIYA
RAJBHASHA SANGOSHTHI HELD AT NIT, SURAT DURING
14-15 MAY, 2015





Ph.D. Completed

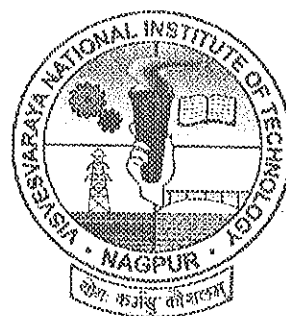
9. Ph.D. COMPLETED

Sr. No.	Department	Thesis Topic	Name of Scholar	Name of Supervisor(s)
1	Applied Mechanics	Influence of Seismic Pounding on Adjacent Structures	Nilesh Uttamrao Mate	Dr S V Bakre Dr O R Jaiswal
2		Study of Steel Angel Section Subjected to Compression	Jyoti V. Bhilawe	L. M. Gupta
3	Architecture & Planning	Paradigm of Relocation of Urban Poor Habitats: A Case Study of Nagpur City	Vijay Shriram Kapse	Dr Pofale A D Dr Mayank Mathur
4		Urban Design and Complexity Science- Emergent Properties of Public Realm in Urban Environment	Akshay Prabhakar Patil	Dr Ms Alpana Dongre
5		Relationship between Urban Outdoor Spaces and Thermal Comfort	Vidya V Ghuge	Dr R V Ralegaonkar Dr Alka Bharat
6		Compact City Concept: It's relevance in Indian Context	Pankaj Bahadure	Dr. Rajashree Kotharkar
7		Affordable Housing for Weaker Section in Nagpur City	Vilas K. Bakde	Prof. S.Y. Kulkarni
8		Urban Heat Island Effect in the Context of Indian Cities – A Case in Nagpur City.	Minal Surawar	R Kotharkar
9		Cultural landscape Conservation – An Inspiring Quality for Contemporary Architecture	Amit J. Wahurwagh	Dr. A. R. Dongre
10	Chemical Engineering	Synthesis, Characterization, and Application of Ionic Liquids for Desulfurization of Liquid Fuels	Swapnil Ashokrao Dharaskar	Dr K L Wasewar
11		Study on Separation of Carboxylic Acids	Mangesh D. Waghmare	K L Wasewar S S Sonawane
12	Civil Engineering	Development of sustainable construction material from industrial wastes	Sanjay Padmakar Raut	Dr R V Ralegaonkar Dr S A Madavagane
13		Development of Sustainable construction materials from Agro Waste	Mangesh Vasantrao Madurwar	Dr R V Ralegaonkar Dr M V Madavagane
14		Estimation of Discharge through Trapezoidal Agricultural Canals using Simple Cylindrical Flumes	Avinash Manohar Badar	Dr A D Ghare
15		Comparative study of Short Term and Long Term Pullout Bond Strength Between OPC and PPC mixes using Plain and TMT Bars	Swapnil P Wanjari	Dr A D Pofale
16		Studies on Remediation of Soils Contaminated with Hazardous Waste	Sanjaykumar Uttam Chaudhary	Dr V A Mhaisalkar Dr A N Vaidya

Sr. No.	Department	Thesis Topic	Name of Scholar	Name of Supervisor(s)
17		Development of System for Transformation of Intermittent Water Supply to Continuous Water Supply	Kalpana Shekhar Bhole	Dr A R Tembhurkar
18		Development of GIS Based Noise Simulation Software for Urban Environment	Ritesh Vijay	Dr Rajesh Gupta Dr T Chakrabarti
19		Critical Appraisal of Noise Pollution and its Abatement in Sensitive Areas of Nagpur City	Idris Ahmed Abdul Hameed	Dr A R Tembhurkar
20		Design of Carbon Minus Buildings using Resource Conservation Approach	Vaidehi A Dakwale	Dr. R.V. Ralegaonkar
21	Computer Science & Engineering	Agent Based Deterministic Modeling of Biological Systems	Manish Prakash Kurhekar	Dr U A Deshpande
22	Electrical Engineering	Study of Optimization Techniques for Reducing Active Power Loss	Altaf Qurban Hussain Badar	Dr B S Umare Dr A S Junghare
23		Identification of switch faults in multilevel inverter using wavelet	Rashmi A Keswani	Dr. H M Suryawanshi,
24		Simplified Space Vector Modulation Techniques for Cascaded H-Bridge Multilevel Inverters	Ahmed Irfan M.F.	Dr. V B Borghate
25		Improved Capacitor Voltage Balancing Methods for Modular Multilevel Converter (MMC) in VSC-HVDC Applications	Prafullachandra M Meshram	V B Borghate
26	Electronics & Communication Engineering	Design of Intelligent Diagnostic Support System for Cardiovascular Disease (CVD) using Effective Signal Processing Techniques	Rajendra Govind Sutar	Dr Ashwin G Kothari
27		Design of Discernibility Matrix Based Rough Set Hardware Accelerators	Kanchan S. Tiwari	Dr Ashwin G Kothari
28		Image Tempering Detection and Authentication with Robust Features using Pixel Based Techniques	Mohammad Farukh Hashmi	Dr. Avinash G Keskar
29		Algorithms for Time and Frequency Synchronization in OFDM	Anagha P. Rathkanthiwar	Dr. A S Gnadhi,
30		Expression Invariant 2-D Face Recognition Using Transform Domain Techniques	Hemprasad Y. Patil	K M Bhurchandi/ A G Kothari
31		Integrated Approach in Video Surveillance with Performance Enhancement	Vishal R. Satpute	A G Keskar K D Kulat

Sr. No.	Department	Thesis Topic	Name of Scholar	Name of Supervisor(s)
32	Mechanical Engineering	Experimental Analysis of Effect of Heat Treatment on the Surface Quality and Service Life of a Blanking Die	Milind Madhavrao Dhobe	Dr I K Chopde
33		Optimization of Process Parameters for ECM to Maximize MRR and Improve Surface Finish	Sanjay Shankarrao Uttarwar	Dr I K Chopde
34		Crack Detection in LP Steam Turbine Blade using Vibration Analysis	Mangesh Sahebrao Kotambkar	Dr Animesh Chatterjee
35		Design and development of Multi Cylinder HSDI Diesel Engine with High Performance and Ultra Low Emissions	Pundlik R. Ghodke	Dr. J G Suryawanshi
36		Investigations on Passive Direct Methanol Fuel Cell (DMFC)	Naveenkumar Shrivastava	S B Thombre
37	Metallurgical & Materials Engineering	Damage Tolerance Behavior of CFRP Composites under Spectrum Fatigue Loads	Manjusha Mangesh Thawre	Dr R K Paretkar Dr C M Manjunatha
38		Synthesis and Mechanical Properties Evaluation of Al-AlN Metal Matrix Composites with Varying AlN Content	Sandeep Govindrao Fale	Dr Jatin Bhat Dr A A Likhite
39		Development of Rare Earth Activated Alumino-Silicate Based Nanophosphors for Solid State Lighting	Ashwini Kumar Sharma	Dr D R Peshwe Dr Jatin Bhatt
40		Development and characterization of Carbide Austempered Ductile Iron (CADI)	Sunil Apparao Patil	Dr Ajay Likhite Dr S U Pathak
41		Development of Low Carbon Equivalent Austempered Ductile Iron (ADI)	Sudhakar Santoshrao Umale	Dr Ajay Likhite Dr S U Pathak
42		Microstructure and Machinability Correlation of Austempered Ductile Iron	Prashant P Parhad	Dr. Ajay Likhite Dr. Jatin Bhatt
43		Evaluation of the effect of heat treatment on mechanical properties of p92 steel by ball indentation technique	Dipika R Barbadikar	Dr. D R Peshwe Dr. A R Ballal
44		Effect of normalizing and tempering heat-treatments on the creep properties of grade 92 steel	Lakshmiprasad Maddi	Dr. D R Peshwe Dr. A R Ballal
45		Alloy Design For Bulk Metallic Glass Formation and Its Bio-Compatibility Study	Vincent Shantha Kumar S.	Dr. Jatin Bhatt Dr. B S Murty IITM

Sr. No.	Department	Thesis Topic	Name of Scholar	Name of Supervisor(s)
46	Mining Engineering	Investigations into Critical Parameters and Numerical Modeling for Stability Analysis and Designing Coal Mines Waste Dumps	Ishwardas L Muthreja	Dr R R Yerpude Dr J L Jethwa
47	Applied Chemistry	Fabrication and Evaluation of Electrochemical Sensors for Biologically Important Molecules	Kiran Kumar Tadi	Dr Ms Ramani V. Motghare (Kawadkar)
48		Reinforcement of Rubber by Sol-Gel Derived in Situ Silica	Bharat P Kapgate	Dr. Chayan Das
49		Effect of diisocyanates on physicochemical properties and hydrolytic degradation of UV-Curable Poly (Ester-Urethane) methacrylates	Ganesh S Bhusari	Dr. S S Umare
50	Applied Physics	Study of Some Proton Conducting Glasses	Sudhir R. Tiple	Dr V K Deshpande
51	Humanities & Social Sciences	Understanding Military Leadership: A Psycho-Social Study	Ajay S Kelkar	Dr Yogesh M Deshpande
52	Applied Mathematics	Some studies on the peristaltic transport of non-Newtonian fluids through inclined channels and inclined tubes with endoscope	Mr. Katta Ramesh	Dr. M. Devakar
53		Some unidirectional steady flows of two immiscible fluids through a circular pipe	Mr. N. Ch. Ramgopal	Dr. M. Devakar



Research Publications

10. RESEARCH PUBLICATIONS

10.1 International / National Referred Journals

Applied Mechanics

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2. Abhay Khandeshe, R. K. Ingle, Structural effect and haunched braces in ESR staging, Indian Concrete Journal, March 2016.
3. Ameen Syed, Dr. R. S. Sonparote, Development of A Self Supported Portable Pre-tensioning System For Slab Panels, Journal of Experimental & Applied Mechanics, STM, 2016.
4. Harshad Phadke, Dr. O.R. Jaiswal, Finite Element Modeling of an Infinite Beam on Elastic Foundation subjected to a Moving Load, Civil-Comp Press, Stirlingshire, UK, Paper 187, 2016.
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Architecture & Planning

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33. Sushant S. Satputaley, Dr. D. B. Zodpe, Biodiesel from Microalgae Oil and its Effect on Diesel Engine performance and Exhaust Emission was presented in 24th National Conference on I. C. Engine and Combustion (NCICEC-2015) Combustion for Energy Security and sustainability was held at University of Petroleum and Energy Studies, Dehradun, Uttarakhand, India on 30, 31 October and 1st November 2015.
34. Sushant S. Satputaley, Dr. D. B. Zodpe, Experimental Investigation of lipid content of Macroalgae Samples Available in Nagpur Region was presented in 24th National Conference on I. C. Engine and Combustion (NCICEC-2015) Combustion for Energy Security and sustainability was held at University of Petroleum and Energy Studies, Dehradun, Uttarakhand, India on 30, 31 October and 1st November 2015.

35. Sushant S. Satputaley, Dr. D. B. Zodpe, Performance and Exhaust Emissions Analysis of a Diesel Engine Fueled with Algae Oil was presented in international conference 17 ISME at IIT Delhi and was organized by Indian society of Mechanical Engineers on 03-04 October 2015.
36. Sushant S. Satputaley, Dr. D. B. Zodpe, Performance, Combustion and Exhaust Emissions Analysis of a Diesel Engine Fueled with Algae Oil and Algae Biodiesel was presented in 5th International Conference on Advances in Energy Research Indian Institute of Technology Bombay, Mumbai on 15-17 December 2015.
37. Tushar Kulkarni, Rashmi Uddanwadiker, Nirbhay Karandikar, Kinematic Modelling and Synthesis of a Human Finger as Multiple Four Bar Mechanism for presentation at ICCES'15 International Conference on Computational & Experimental Engineering and Sciences, Reno Nevada, July 2015
38. Tushar Kulkarni, Rashmi Uddanwadiker, Nirbhay Karandikar, Estimation of Gripping forces of various objects by human palm using Surface electromyogram ICCES'15 International Conference on Computational & Experimental Engineering and Sciences, Reno Nevada, July 2015.
39. Vikas Gohil, V C Dipthi, Y M Puri., Statistical Analysis Of Electrical Discharge Turning On Material Removal Rate, 10 Pointer National Conference 29th-31st Jan 2016, Vnit, Nagpur, India.

Metallurgical & Materials Engineering

1. Ajeet K. Srivastav and Rajiv Shekhar; Temperature dependent magnetization in cobalt nanowires electrodeposited within alumina template using sulphate bath: The role of boric acid as a buffer; Nanoparticle Assembly: From Fundamentals to Applications Faraday Discussion, organized by Royal Society of Chemistry, held at Indian Institute of Technology Bombay during 07-09 January, 2016.
2. Amit Gajhbiye, Sunil Nair and Rajesh K. Khatirkar, Precipitation behaviour of AISI S31803 (2205) duplex stainless steel, NMD-ATM, Coimbatore, (2015).
3. Ankur Bansod, A.P. Patil, NK Khobragade Investigation on susceptibility of Cr-Mn Austenitic SS and 304 Austenitic SS to intergranular corrosion using electrochemical techniques, 17th Asia Pacific Corrosion Control Conference, paper No. 17080, 28-30 IIT Mumbai, India, January 2016.
4. AP Patil, Investigation on addition of Zn and Mn to improve resistance of Cu-10Ni alloy to sulfide polluted seawater, 17th Asia Pacific Corrosion Control Conference, paper No. 17032, 28-30, IIT Mumbai, India, January 2016.
5. Gaurave Gaurakhede, Ram Chouhan, Jatin Bhatt, Microstructural optimization of aluminium-zirconium conductor alloy, 6th International Conference on Solidification Science and Processing, DMRL, Hyderabad, India, 24-27 November 2015.
6. Himanshu Vashishtha, Ravindra V. Taiwade, Sumitra Sharma, Corrosion behaviour of austenitic and ferritic stainless steels in acetic acid, 17th Asian Pacific Corrosion Conference (APCCC17): Achieving Sustainable Development held at Victor Menezes Convention Centre, IIT Bombay, Mumbai, India January 27–30, 2016 (paper number-17027).
7. Jagesvar Verma, Ravindra Vasantrao Taiwade, Rajesh K. Khatirkar, Shashank P. Mandlik Evaluation of microstructural, mechanical properties and corrosion resistance of duplex stainless 2205/316L dissimilar weldment, 17th Asian Pacific Corrosion Conference (APCCC17): Achieving Sustainable Development held at Victor Menezes Convention Centre, IIT Bombay, Mumbai, India January 27 – 30, 2016 (paper number- 17078).

8. Jatin Bhatt, Cast Structure in Aluminium Alloys, Workshop on Microscopic Techniques in Aluminium Industry, Jawaharlal Nehru Aluminium Research Development and Design Centre, Nagpur, India April 16-18, 2015, (Invited).
9. Jatin Bhatt, Characterization of Nanomaterials Workshop on Characterization and Surface Engineering, MIT, Aurangabad, India April 9-10, 2015, (Invited).
10. Jatin Bhatt, Smart materials Short Term Training Programme on Advances in Materials and Manufacturing Engineering, G. H. Rasoni College of Engineering, Nagpur, India June 8-12, 2015, (Invited).
11. Jatin Bhatt, Synthesis of Nanomaterials Short Term Training Programme on Advances in Materials and Manufacturing Engineering, G. H. Rasoni College of Engineering, Nagpur, India June 8-12, 2015, (Invited).
12. K.S.N. Satish Idury, B.S. Murty and Jatin Bhatt, Diffusion studies in Cu-Zr Metallic glass through Molecular Dynamics Simulations, 6th International Conference on Solidification Science and Processing, DMRL, Hyderabad, India, 24-27, November 2015.
13. MM Thawre, A Dubey, KK Verma, DR Peshwe, N Jagannathan, CM Manjunatha A Study on the Fatigue Life of a Composite T-Joint Subjected to Transport Aircraft Spectrum Loads, Creep Fatigue 7, Kalapakkam, January 2016.
14. Nidhi Singh, Jagannath Nayak, Jatin Bhatt, S. B. Arya, Electrochemical impedance spectroscopy study of Zr₄₂Cu₅₀Ag₈ bulk metallic glass in artificial physiological solutions, 17th Asian Pacific Corrosion Control Conference (APCCC17): Achieving Sustainable Development, IIT Bombay, Mumbai, January 27 - 30, 2016.
15. Rajesh K. Khatirkar and Amit Kumar, Orientation dependence of stored energy and dislocation structure evolution during cold rolling of H₁₃ steel, International Conference of Electron Microscopy Society of India, Mumbai, (2015).
16. S. Vincent, K.S.N. Satish Idury, Aditya Gokhale, Joysurya Basu, B.S. Murty, Jatin Bhatt, Intermediate stage cluster dynamics in Zr₆₀Cu₁₀Al₁₅Ni₁₅ bulk metallic glass forming alloys and their role on solidification behavior, 6th International Conference on Solidification Science and Processing, DMRL, Hyderabad India, 24-27 November, 2015.
17. Sandeep Fale, Ajay Likhite, Jatin Bhatt, Compression, Tensile and wear study of ex-situ Al-AlN Metal Matrix Nanocomposites, 6th International Conference on Solidification Science and Processing, DMRL, Hyderabad, India, 24-27 November 2015.
18. Sumitra Sharma, Himanshu Vashishtha, Ravindra V. Taiwade, Study on corrosion behaviour of AISI 304/Cr-Mn stainless steel dissimilar weldments produced by SMAW process using E308L and E309L, 17th Asian Pacific Corrosion Conference (APCCC17): Achieving Sustainable Development held at Victor Menezes Convention Centre, IIT Bombay, Mumbai, India January 27 - 30, 2016 (paper number-17015).

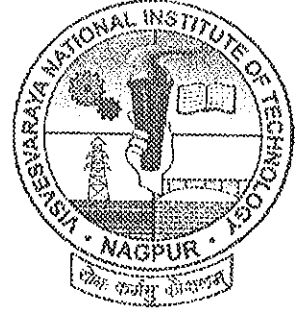
Mining Engineering

1. Thote N.R. and Ch. Venkat Rammana, Analysis of blasting effect on slope stability by displacement monitoring technique in opencast coal mines: a case study, Proc. Nat conf. SSIOMCE, NIT, Raurkela, , pp 96-102, July 2015.

2. Thote N.R. and Ch. Venkat Rammana, A practical approach of monitoring slopes in opencast mines, Proc. nat. Sem on 'Recent Practices and innovations in mining industry, org. by NIT, Raipur, p313, 19-20 Feb. 2016.
3. Dr Rajendra Yerpude, Dr Manish Uttarwar, Potential of the Overburden Cast Blasting Technique in Indian Surface Coalmines - A Modular Approach and its Financial Implications, 11th International Symposium on Rock Fragmentation by Blasting (FRAGBLAST11) held in Sydney, Australia, pp 655-664, 24-26 Aug. 2015.

Applied Physics

1. DD Ramteke, VY Ganvir, SR Munishwar, RS Gedam, Concentration Effect of Sm ³⁺ Ions on Structural and Luminescence Properties of Lithium Borate Glasses Physics Procedia 76, 25-30, 2015



Books Authored

11. BOOKS AUTHORED DURING THE YEAR 2015-16

Sr. No.	Author	Title of the Book	Publisher
Architecture & Planning			
1	Sameer Deshkar and Vinayak Adane	Urban Disasters and Resilience in Asia (pp-245 to 267)	Elsevier
2	Vinayak S. Adane	Preface, Humane Approach to Urban Planning, By Priya Choudhary (based on research work)	Copal Publication
Applied Chemistry			
3	Anupama Kumar, Deepali Rahangadale, G. Archana, Rita Dhodapkar	Book chapter accepted entitled as "Chitosan-based bio sorbents: Modifications and application for sequestration of PPCPs and Metals for Water remediation" for publication in the Volume 4 of the book "Handbook of Composite from Renewable Materials" being published by Wiley-Scrivener	Wiley-Scrivener
4	Bharat P. Kapgate and Chayan Das	Electronic Applications of Chloroprene Rubber And Its Composites <i>Flexible and Stretchable Electronic Composites</i> , D. Ponnammma et al. (eds.),	Springer Series on Polymer and Composite Materials, Springer International Publishing , Switzerland 2016, DOI 10.1007/978-3-319-23663-6_10
5	Vinay M. Bhandari, Laxmi Gayatri Sorokhaibam, Vivek V. Ranade	<i>"Industrial Catalytic Processes for Fine and Specialty Chemicals"</i>	Elsevier
Civil Engineering			
6	Manoj L. Meshram and D.H. Lataye	Process Modeling, Simulation and Environmental Applications in Chemical Engineering, Chapter: Activated Carbon from Karanja (pongamia pinnata) Seed Shell by Chemical Activation by Phosphoric Acid	Apple Academic Press, NJ, USA

Sr. No.	Author	Title of the Book	Publisher
Mechanical Engineering			
7	Vishal V. Shukla; Pramod M. Padole	Engineering Perspectives in Renal Artery Stenosis And Stenting ISBN: 978-1-63040-149-8	Sara Publication, Ahmadabad
Mining Engineering			
8	Dr.S.S. Gupte and Prof. T.N.Singh	Enhancement of Internal Dump Capacity vis -à-vis Stability	LAP LAMBART Academic Publishing, Germany

81st ANNUAL CONFERENCE OF “THE INDIAN MATHEMATICAL SOCIETY (IMS-2015)”

December 27-30, 2015



MEASURING URBAN SUSTAINABILITY

9-10 October 2015

MUNICIPAL COMMISSIONER MR. HARDIKAR DELIVERING TALK ON
SMART CITY



INDO-JAPAN SYMPOSIUM- ENABLING RURAL TRANSFORMATIONS

21-22 March 2016



FIRST ALL INDIA CONFERENCE OF INNOVATORS, INDUSTRIES, ENTREPRENEURS, FACILITATORS AND ACADEMIA

FEB. 5-7, 2016



TECH FEST : AXIS 2015

Student's Technical & Research activity

Dinesh Keskar, President of Boeing India and VP of Boeing International Trading

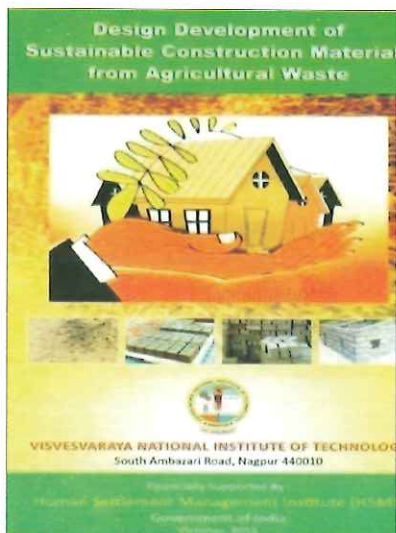
16-18 October, 2015



CONFERENCE
भारत की नई शिक्षा नीति: दशा एवम दिशा
December 13, 2015



WORKSHOP
SUSTAINABLE CONSTRUCTION MATERIALS FROM AGRICULTURAL WASTE
October 11 & 12, 2015





Participation in Conferences

12. Participation in International Conferences / National Conferences in India & Abroad

S. N.	Name of faculty	Place of Conference	Date(s) of conference
Applied Mechanics			
1.	Dr. Debarati Datta	International Conference on Forensic Civil Engineering, Nagpur	21 – 23 Jan., 2016
Architecture & Planning			
1.	Sameer M. Deshkar	Advance Institute on Disaster Risk Reduction and Loss Mitigation at Academia Sinica, Taipei, Taiwan sponsored by START and IRDR ICoE	19 – 26 April, 2015
2.	Pankaj N. Bahadure	National Level Technical Event of NBCC under 'Housing for All by 2022 Mission', Organized by National Buildings Construction Corporation, New Delhi	23 June, 2015
3.	Akshay P. Patil	Participation in International Workshop "Worship Soundspaces, Study of sound perception of worship spaces (in different religions) by a multidisciplinary anthropologic and acoustic approach" at muse du quai Branly, Paris, organized by University of Cergy-Pontoise, France. The travel was funded by University of Cergy-Pontoise, France.	3 – 4 Nov., 2015
4.	Smita H. Khan	Green Building Congress 2015, Gandhinagar, India	Nov., 2015
5.	V.S.Kapse	National conference on, "Planning and Development of Peripheral Areas" organised by Institute of Town Planners India, New Delhi at Raipur.	8– 10Jan, 2016.
6.	Sarika Bahadure	'Energy Efficient Buildings: Moving towards Net Zero', Nagpur	28Jan, 2016
7.	Vilas K. Bakde	International Conference on "Research for Resurgence", VNIT, Nagpur	11 Feb, 2016
8.	Sarika P. Bahadure	International Conference on "Research for Resurgence", VNIT, Nagpur	11 Feb, 2016
9.	Pankaj N. Bahadure	International Conference on "Research for Resurgence", VNIT, Nagpur	11 Feb, 2016
10.	Chandra S. Sabnani	International Conference on "Research for Resurgence", VNIT, Nagpur	11 Feb, 2016
11.	Smita H. Khan	International Conference on "Research for Resurgence", VNIT, Nagpur	11 Feb, 2016
12.	Smita H. Khan	Sustainability Sensitizing, PIADS, Nagpur	Feb, 2016
13.	Smita H. Khan	IIID NATCON, Indore, India	Feb, 2016

S. N.	Name of faculty	Place of Conference	Date(s) of conference
14.	Akshay P. Patil	Participation in International Workshop on Enabling Rural Transformations: Role of Academia under changing scenarios of development, environment and social movements at VNIT, Nagpur organized jointly by Aichi Gakuin University Japan, VNIT Nagpur and ITPI Nagpur.	21 – 22 March, 2016
15.	Vilas K. Bakde	Participation in International Workshop on Enabling Rural Transformations: Role of Academia under changing scenarios of development, environment and social movements at VNIT, Nagpur organized jointly by Aichi Gakuin University Japan, VNIT Nagpur and ITPI Nagpur.	21 – 22 March, 2016
Applied Chemistry			
1.	Dr. S.S. Umare	Delhi University, Delhi	8-10 May, 2015
2.	Dr. S.S. Umare	Indian Institute of Technology, (BIU) Varanasi	27-29 Oct., 2015
3.	Ruchi Dixit, Sushma Pardeshi, Santwana Dhongade, Anupama Kumar	First Symposium on Current Trends in Analytical Chemistry (CTAC-2015). Bhabha Atomic Research Centre, Trombay, Mumbai	26-29 May, 2015
4.	G. Archana, Anupama Kumar, Rita Dhodapkar	International conference on Research for Resurgence	11-13 Feb., 2016
5.	Sujit Kumar Ghosh	"Recent Trends in Functional Materials in relation to Nanomaterials and Nanotechnology (RTFMNN)", St. Paul's Cathedral Mission College, Kolkata	4-5 Feb., 2016
6.	Sujit Kumar Ghosh	17th National Conference on Surfactants, Emulsions and Biocolloids (NATCOSEB), Pt. Ravishankar Shukla University, Raipur (Chhattisgarh)	4-6 Nov., 2015.
7.	Dr. C. Das	Oral Presentation at National Conference on "New Frontiers in Chemistry – from Fundamentals to Application (NFCFA 2015)" Department of Chemistry, BITS-Pilani, Goa.	18-19 Dec., 2015
8.	Dr. Atul V Wankhade	Oral Presentation at 4 th International conference on Advanced Nanomaterials and Nanotechnology, at IIT Guwahati	08-11 Dec., 2015
9.	Dr. Atul V Wankhade	Poster Presentation at 103 rd Indian Science Congress 2016, University of Mysore, Mysore.	3-7 Jan., 2016
10.	Dr. Umesh Pratap	IIT, Guwahati	8-11 Dec., 2015
11.	Dr. Susanta Kumar Nayak	Department of Physics, DIT University, Dehradun, 22 nd National Conference on Liquid Crystals (NCLC-22) Organized by Department of Physics, DIT University, Dehradun & Indian Liquid Crystal Society, India	21-23 Dec., 2015

S. N.	Name of faculty	Place of Conference	Date(s) of conference
1.	Dr. Sorokhaibam Laxmi Gayatri	Athens, Greece	21-23 May, 2015
2.	Dr. Sorokhaibam Laxmi Gayatri	Goa	4-6 Sept., 2015
Chemical Engineering			
1.	Dr. K. L. Wasewar	6 th International Congress on Ionic Liquids, organized by The Korean Society for Biotechnology and Bioengineering, The Korea Science & Technology, Seoul 135 - 703, Korea at Lotte Hotel, Jeju, Korea	16-20 June, 2015
2.	Dr. A. S. Chaurasia	IICHE, NRC, New Delhi, India	July, 24-25, 2015
3.	Sachin A Mandavgane	International Society of Waste Management, Air and Water (ISWMAW) at IISc Bangalore	Nov. 24 -27, 2015
4.	Sachin A Mandavgane	IIT Delhi	4-8 Dec. 2015
5.	Sachin A Mandavgane	AIT Palakad	27-29 July, 2015
6.	A.P.Rathod	World Research Journals Conference (WRC - 2015) Deira, Dubai (U.A.E)	7-8 Dec. 2015
7.	Dr.S.S.Sonawane	World Research Journals Conference format Hotel Sheraton, Deira Dubai, UAE	7-8 Dec. 2015
Civil Engineering			
1.	Dr. A B Mirajkar	VNIT Nagpur, India	19-20 Feb., 2016
2.	Dr A. R. Tembhurkar	48 IWWA Annual Convention 2015, Vashi Mumbai	21-23 Jan. 2016
3.	Dr. A. D. Ghare	HYDRO 2015 International, at IIT Roorkee	16-18 Dec. 2015
4.	Dr (Mrs) M. V. Latkar	First International Conference on Bio-based Building Materials (ICBBM), Polytech Clermont Ferrand, France	June 22-24, 2015
5.	Dr. R.V. Ralegaonkar	Construction Materials for Sustainable Smart City' Key note Lecture during International Conference on Recent Trends in Engineering & Material Sciences, Jaipur National University, Jaipur.	18 March, 2016
6.	Dr. R.V. Ralegaonkar	Green Building Perspective Key Note Lecture during National Conference on Green Engineering and Technologies, Government Polytechnic, Nagpur.	26 Feb. 2016
7.	Dr. R.V. Ralegaonkar	Sustainable construction materials for smart cities Key Note Lecture during National Conference on Development in Civil Engineering and Technology for Smart Cities Jointly Organized by SRCCEM & IWWA Nagpur.	19 Feb. 2016
8.	Dr. R.V. Ralegaonkar	Sustainable Building Masonry Products: A Techno-Environmental Study National conference on Recent Trends in Civil Engineering, 25-26 Sept. 2015, AKS University, Satna, M.P.	26 Sept. 2015

S. N.	Name of faculty	Place of Conference	Date(s) of conference
1.	Dr. R.V. Ralegaonkar	Invited Talk on Application of bio-waste materials in development of sustainable construction materials. Fourth International Conference on natural polymers and Biomaterials, IUMSE, MG University, Kottayam, Kerala, India.	April 10-12, 2015.
2.	Dr. Rajesh Gupta	World Environmental and Water Resources Congress at Austin, USA	May 17-21, 2015
3.	Dr. Rajesh Gupta	9th World Congress of EWRA at Istanbul, Turkey	June 10-13, 2015
4.	Dr. Rajesh Gupta	Annual Convention of ISH	Dec. 17-19, 2015
5.	Dr. Rajesh Gupta	48 th Annual Convention of IWWA, Mumbai	Jan.21-23, 2016
6.	Y B Katpatal	CGWB Nagpur	Oct. 16, 2015
7.	Dr. Shilpa R. Dongre	National Conference on "Advances in Construction Technology and Management" (ACTM- 2016)	19 – 20 Feb., 2016
Computer Science Engineering			
1.	Manish Kurhekar	Bangalore - IEEE International Conference on Cloud Computing in Emerging Markets (CCEM), Bangalore,	Nov 25-27, 2015
Electrical Engineering			
1.	H. M. Suryawanshi	Yakohama Japan	9-11, Nov.2015
2.	M V Aware	Geneva, Switzerland	8-10 Sept 2015
3.	M.R.Ramteke	Yokohama, Japan	9-11, Nov.2015
4.	M.R.Ramteke	Sydney, Australia	9 -12 June 2015
5.	R.J. Satputaley	Macao, China	1-4 Nov. 2015
6.	M. A. Chaudhari	Macao, China	1-4 Nov. 2015
7.	V.S.Kale	Macau, China	1-4 Nov. 2015
Electronics & Communication Engineering			
1.	Prof. P. H. Ghare, Dr. A. G. Kothari	Hyderabad, India	13-16 Dec. 2015
2.	Dr. Prabhat Sharma	Guwahati, India	04-06 March 2016
3.	Dr. V. R. Satpute, Dr. A. G. Keskar	Hyderabad, India	27-29 Nov 2015
4.	Dr. A. S. Gandhi	Hyderabad, India	13-16 Dec 2015
5.	Dr. A. S. Gandhi	Banglore, India	5-9 Jan 2016
6.	Dr. K. M. Bhurchandi, Dr. S. Sinha	Ahmadabad, India	3 - 4 Oct 2015
VLSI and Nano-Technology			
1.	Dr. Ganesh C. Patil	Delhi	Dec. 17-20, 2015
Humanities & Social Sciences			
1.	Dr. M. Ghosal	i) Department of English, Dhanaji Nana Mahavidyalaya Faizpur, Maharashtra ii) Higher Education & Research Society, Navi Mumbai	10-11 Sept., 2015 11-12 Sept., 2015

S. N.	Name of faculty	Place of Conference	Date(s) of conference
		iii) The Department of English, N.G. Acharya and D.K. Marathe Chembur (East) Mumbai and Centre for Humanities & Cultural Studies, Kalyan (W)	9-10 Oct., 2015
		iv) Department of English, VSK University, Ballary, Karnataka	18-20 Dec., 2015
		v) Bharatiya Shikshan Mandal, Nagpur	11-13 March, 2016
		vi) Department of Mass Communication and Journalism School of Arts and Humanities, NMU, Jalgaon, Maharashtra	12-13 March, 2016
2.	Dr. G.N.Nimbarte	i) Department of Sociology and Social Work, Kalinga Institute of Social Sciences (KISS), KIIT University, Bhubaneswar, Odisha	27-29 Dec., 2015
		ii) UGC, The Indian Institute of Public Administration	22 nd Nove., 2015
		iii) VNIT, Nagpur	21-22 March, 2016
		v) Kavi KulGuru Kalidas Sanskrut University, Ramtek	11-13 Feb., 2016
Applied Mathematics			
1.	Dr. P. Pramod Chakravarthy	International conference on Mathematical Modeling, Differential equations, Scientific Computing & Applications held at IIT Kanpur	March 27-29, 2016
2.	Rajendra Pant	University of Allahabad, Allahabad (UP)	July 10-12, 2015
Mechanical Engineering			
1.	Dr. A.K. Singh	Mount Holyoke College, South Hadley, MA, USA	July 26-31, 2015
2.	Dr. S.S. Chiddarwar	ASME 2015 International Design Engineering Technical Conference & Computers and Information in Engineering, Boston USA	August 2-5, 2015
3.	Dr. Vilas Kalamkar	Trivandrum India	17-20 Dec 2015
4.	Dr. R. V. Uddanwadiker (Paper presented by Tushar Kulkarni)	International Conference on computational, experimental and Engineering Sciences, ICCES, 2015 Reno Nevada, USA	July 20-24, 2015
5.	Dr. R. V. Uddanwadiker (Paper presented by Nikhil Adhe)	6th International Conference on Biomedical Engineering and Technology (ICBET 2016), Singapore	March 12-14, 2016
6.	Dr A M Kuthe	Auckland, NZ	14-17 July 2015
7.	Dr. A. B. Andhare	ASME conference IDETC/CIE 2015, Boston, USA	2-5 August 2015
8.	Dr. A. B. Andhare	National Conference on Condition Monitoring, NCCM 2015, NSTL, Vishakhapatnam, India	25-26 Sept. 2015

S. N.	Name of faculty	Place of Conference	Date(s) of conference
9.	Dr. S.B.Thombre (presented by Naveen Shrivastava)	Wire Mesh Current Collector for Passive Direct Methanol Full Cell 12 th International Fuel Cell Science, Engineering & Technology, ASME conference, Boston	June 29-July 3, 2015
10.	Dr. P.M. Padole	International Conference on Computational and Experimental Engineering and Sciences (ICCES'15), Reno, USA	July, 2015
Metallurgical & Materials Engineering			
1.	Dr. D.R Peshwe, Swamini Chopra	International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 9) 2015, I.I.T. Powai	10-12 Dec, 2015
2.	Dr. D.R Peshwe, Swamini Chopra	Machining of Advanced Materials: A Research Perspective (MAM – 2015) Mechanical Engineering, V.N.I.T. Nagpur	4-5 Dec, 2015
3.	Dr. D.R Peshwe, Swamini Chopra	High Resolution X-ray and Electron Diffraction organized by TEQIP and Knowledge Incubation Centre at Department of Material Science and Engineering, I.I.T. Kanpur	1-5 Feb. 2016
4.	Dr. D.R Peshwe, Ashish Vaidya	Creep Fatigue 7, Kalapakkam	Jan. 2016
5.	Dr. D.R Peshwe, Abhilasha Jain	International conference on condensed matter physics(ICC), Government Physics College, Bikaner.	28-31 Oct 2015
6.	Dr. D.R. Peshwe, Abhilasha Jain	International conference on polymer nano materials(ICNPM), Mahatma Gandhi college, Kottayam	13-15 Nov 2015
7.	Dr. D.R. Peshwe, Abhilasha Jain	National workshop on materials chemistry (BARC), BARC, Mumbai	20-21 Nov 2015
8.	Prof. A.P. Patil	Asia Pacific Corrosion Control Conference 2015, IIT Bombay	28-30 Jan 2016
9.	Dr. A.P. Patil	COMSOL conference	29-30 Oct 2015
10.	Dr. S.G. Sapate	Greater Noida	7-9 Oct 2015
11.	Dr. Jatin Bhatt	Hyderabad	24-27 Nov 2015
12.	Dr. Jatin Bhatt	Aurangabad	9-10 April 2015
13.	Dr. J.G. Bhatt	Jawaharlal Nehru Aluminium Research Development and Design Centre, Nagpur,	16-18 April 2015
14.	Dr. A. R.Ballal	7 th International Conference on Creep, Fatigue and Creep-Fatigue Interaction (CF-7) IGCAR Kalpakkam	19-22, Jan 2016
15.	Dr. M. M. Thawre	7 th International Conference on Creep, Fatigue and Creep-Fatigue Interaction (CF-7) ,IGCAR Kalpakkam	19-22, Jan 2016
16.	Dr. R.K. Khatirkar	International Conference of Electron Microscopy Society of India, Mumbai	8 - 10 ,July 2015
17.	Dr. A.K. Srivastav	VNIT Nagpur	10-12 Dec, 2015
18.	Dr. A.K. Srivastav	IIT Kanpur	01-05 Feb., 2016

S. N.	Name of faculty	Place of Conference	Date(s) of conference
Mining Engineering			
1.	Dr Rajendra Yerpude	11 th International Symposium on Rock Fragmentation by Blasting (FRAGBLAST11) held in Sydney, Australia	(24-26 Aug., 2015)
Applied Physics			
1.	Dr. (Mrs.) A.V. Deshpande	VNIT, Nagpur	10-12 Dec., 2015
2.	Dr. (Mrs.) A.V. Deshpande	VNIT, Nagpur	11 - 13 Feb., 2016
3.	Dr. K. Mohan Kant	Kurukesthra	6-7 June, 2015
4.	Dr. K. Mohan Kant	GITAM University, Visakhapatnam	14-17 Dec, 2015
5.	Dr. K. Mohan Kant	Govt Enigneering College, Bikaner	30-31 Oct, 2015
6.	Dr. K. Mohan Kant	University of Delhi, Delhi	1-4 March, 2016
7.	Dr. Mrs. S.M. Giripunje	"Efficient Inverted Polymer solar cells using Polyaniline:PEDOT:PSS blend as hole transport layer" IITB, Powai	20-22 May, 2015.
8.	Dr. Mrs. S.M. Giripunje	"Tailoring the size and band gap of ZnS Quantum dots by simple cost effective sonochemical synthesis method" 7 th National Symposium for Materials Research Scholars (MR-15) –held at IIT Bombay, Maharashtra.	20-22 May, 2015.
9.	Dr. Mrs. S.M. Giripunje	"ZnS & Graphene Quantum dots nanocomposite as potential electron acceptors for Photovoltaics" International conference on Water, Environment, Energy and Society (ICWEES-2016) –at Bhopal, MP, organized by AISECT University, India & Texas A&M University, USA in Association with ICE WaRM Australia	15-18 March, 2016



R & D Projects

13. R & D Projects

Applied Mechanics

S. N.	Project Title	Funding Agency (with date of award)	Cost of Projects (Rs. in Lakhs)	Investigator(s)	Present status of the project
1	Earthquake Hazard and Risk Reduction on Indian Subcontinent	Norwegian embassy (2012) Funded to IIT Roorkee		Dr. Ratnesh Kumar, Dr. Y. Singh, IITR	Completed in Dec 2015
2	Evaluation of Tougherete Steel Fibre – Concrete Composites for flexural, compressive, impact strength and other relevant properties	Precision Drawell Pvt. Ltd. 09th April 2014	2.30	Dr. Ratnesh Kumar, Dr. R. K. Ingle	Ongoing
3	Optimization of Module mounting structures for Solar Power Using Different Structural Configuration	Head, Mahindra EPC Services Pvt. Ltd., Mahindra tower, Dr Bhosle Marg, Worli Mumbai	2.44	Dr. R. K. Ingle	Ongoing
4	Evaluation of Tougherete <i>Steel Fibre</i> – Concrete Composites for flexural, compressive, impact strength and other relevant properties	Precision Drawell Pvt. Ltd. 09 th April 2014	2.3	Dr. Ratnesh Kumar, Dr. R. K. Ingle	Ongoing

Architecture & Planning

S.N	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1	Assessing Urban Sustainability through Urban/Spatial Clusters using GIS and Multivariate Analysis	HSMI/HUDCO (5 th April 2013)	18.4	Rajashree Kotharkar, and Pankaj Bahadure	Report Submitted
2	Evolving strategies for mitigating urban heat island in Nagpur using 'Local Climate Zones' and Human Thermal Stress	Science & Engineering Research Board, New Delhi (SERB)	29.61	Dr. Rajashree Kotharkar, and Sarika Bahadure	Ongoing
3	Preparation of Heat Action Plan for Amaravati City.	Amaravati Municipal Corporation	15.00	Dr. Rajashree Kotharkar	Ongoing
4	Socio-Ecological Resilience as a sustainable development strategy under the context of Emerging Disaster Risks for Rural Settlements in different Geo-climatic zones of India	START International Inc., USA (12 November 2015)	10.00	Dr. Sameer M. Deshkar	Ongoing

Applied Chemistry

S.N.	Project Title	Funding Agency (with date of award)	Cost of project (Rs. In Lakhs)	Investigator	Present status of the project
1	Development of TiO ₂ Quantum dots and their Composites for Photocatalytic Application	DST-SERB	46.00	Dr. S.S.Umare	Ongoing

S.N.	Project Title	Funding Agency (with date of award)	Cost of project (Rs. In Lakhs)	Investigator	Present status of the project
2	Photophysical studies of some selected DNA damage reactions	CSIR, India	21.21	Dr. Sujit Kumar Ghosh	Ongoing
3	Biocatalysis for the development of sustainable organic synthesis	Science and Engineering research board (SERB)	32.71	Dr. Umesh R. Pratap	Ongoing
4	Synthesis and Characterization of mixed ferrite.	UGC-DAE-CSR	0.45	Sangesh Zodape	Ongoing
5	Physicochemical studies and the identification of DNA damage by porphyrin sensitized alkylating quinones	DST, India	25.60	Dr. Sujit Kumar Ghosh	Completed
6	Study of thermodynamic, transport and acoustic properties of some pharmaceutical compounds in aqueous solutions at different temperatures	DST-SERB	12 .00	Sangesh Zodape	Completed

Chemical Engineering

S. N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1.	Rheological Study of Hydroxyl Terminated Polybutadiene (Htpb) – Aluminium Nanoparticle (ANP) – Ammonium Perchlorate (AP) Composite Suspension	IEMRL, DRDO Pune	10.00	Dr. K. Wasewar. Dr. D. R. Peshwe Dr. D. Z. Shede	Ongoing
2.	Removal of Butanol from aqueous Media using Ionic Liquids (ILs)	IE(I)	0.20	Dr. K. L. Wasewar	Ongoing
3.	Exploring the various applications of fly ash conduction of testing of ash and other raw materials and industry based technology development	Vipro Ferro Alloys Ltd., Nagpur	6.00	Dr. D. Z. Shende Dr. K. L. Wasewar	Ongoing
4.	Extractive fermentation with surfactants to enhance butanol production	Department of Biotechnology (Dec. 25, 2013)	29.17	Dr. Pradip B. Dhamole Dr. K.L. Wasewar	Ongoing
5.	Removal of chlorinated herbicide from dilute aqueous solution using biomass ash	SERB, CE/C3/077/20 13	45.00	Dr. Sachin A. Mandavgane, Dr. Ashish S. Chaurasia	Ongoing

S.N.	Project Title	Funding Agency (with date of award)	Cost of project (Rs. In Lakhs)	Investigator	Present status of the project
6.	Production of liquid hydrocarbons and carbon nanotubes using waste plastics as precursor	Science and Engineering Research Board under Fast Track Young Scientist (SB/FTP/ETA-0235/2013)	27.00	Dr. Vijayakumar R. P.	Ongoing 17/07/2014 to 17/07/2017
7.	Design Development of Sustainable Construction Material from Agricultural Waste	HUDCO New Delhi	23.76	Dr. Sachin Mandavgane Dr. Rahul Ralegaonkar	Ongoing
8.	Development and testing of micro fine powder bio-pesticide using Neem	BRNS	22.6	Dr. Sachin Mandavgane Ms Sonali Tajane	Ongoing
9.	Synthesis of nano catalyst from rice husk ash and its application	SERB	22.26	Dr. Sachin Mandavgane	Completed
10.	Development of Controlled Shape and Size Metal Oxides Nanoparticles, Synthesis of Nanofluids and Application in Heat Exchanger	DST	22.00	Dr. S.S.Sonawane	Ongoing
11.	Development of High Performance Heat Transfer Nanofluids Using Carbon Nanotubes (SWCNT & MWCNT'S) Nanoparticles and Its Applications in Double Pipe	DST	5.50	Dr. S.S.Sonawane	Ongoing

Civil Engineering

S.No	Project Titles	Funding Agency	Cost of Project (Rs. in Lakhs)	Investigator(s)	Present status of the project
1.	Trend extraction and forecasting of precipitation in the Upper Godavari basin, India	Department of Science and Technology under WOS-A	25.29	Nishi Bhuvandas Dr. A. B. Mirajkar	Ongoing
2.	Seismic Behaviour of Underground Structure	DST Oct 2014	56.70	Dr. A.Mandal Dr. O.R. Jaiswals / Y.B. Katpatal	Ongoing
3.	National Ambient Air Monitoring Programme (NAMP)	MPCB	7.10	Dr. V.A. Mhaisalkar Dr. D.H. Lataye	Ongoing
4.	State Ambient Air Monitoring Programme (SAMP)	MPCB	7.10	Dr. V.A. Mhaisalkar Dr. D.H. Lataye	Ongoing
5.	Modeling of permeability in multi - layered soil system using shear and compression wave velocities at different confining stress	Science & Engineering Research Board, SERB, DST Govt of India, July 2014	22.61	Dr. A. Patel	Ongoing
6.	Technical & Feasibility study of overburden rock of Dongri Buzurg & Kandri Mines for consolidated hydraulic stowing in underground mines	MOIL, India	39.25	Prof I. L. Muthreja, Dr. Rajendra Yerpude Dr. A. D. Ghare	Ongoing

S.No	Project Titles	Funding Agency	Cost of Project (Rs. in Lakhs)	Investigator(s)	Present status of the project
7.	Design development of sustainable construction material from agricultural waste	Housing and Urban Development Corporation	23.50	Dr. Rahul V Ralegaonkar, Dr. Sachin A Mandavgane & Dr. Sachin V. Bakre	Ongoing
8.	Seismic behaviour of underground structures	Department Of Science and Technology (DST) Government Of India	53.35	A. Mandal Y B Katpatal O R jaiswal	Ongoing
9.	Industrial based technology development with flyash	Vipra Ferro Alloys Pvt Ltd	6.60		Ongoing
10.	National Ambient Air Monitoring Programme (NAMP)	Maharashtra Pollution Control Board (MPCB), Mumbai	7.05 per year	Prof. V. A. Mhaisalkar, Dr. D. H. Lataye	Ongoing
11.	State Ambient Air Monitoring Programme (SAMP)	Maharashtra Pollution Control Board (MPCB), Mumbai	7.05 per year	Prof. V. A. Mhaisalkar Dr. D. H. Lataye	Ongoing

Computer Science Engineering

S.N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1	Information Security Education and Awareness Project - Phase-II	MCIT, New Delhi 12-2-2015	148.10 for five years	Dr. S. R. Sathe Dr. U. A. Deshpande	Ongoing

S.N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
2	Center of Excellence on COMBEDDED SYSTEMS: "Hybridisation of Communications and Embedded Systems" Under TEQIP 1.2.1	TEQIP-II MHRD 29-10-2013	500.00	Dr. S. R. Sathe and others	Ongoing
3	Embedded Polony DNA Sequencing using Parallel Processing	Center of Excellence TEQIP-II MHRD 17-11-2014	6.98	Dr. S. R. Sathe Dr. D. D. Shrimankar	Ongoing

Electrical Engineering

S.N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1	Reliable and Efficient System for Community Energy Solutions (RESCUES), Consortium Project	DST+EPSRC (UK) 2014-2017	10.73 Cr (VNIT=42.00 Lakhs)	H. M. Suryawanshi	Ongoing
2	Development of Efficient converter for Grid Integration	DST (SERI) Solar Oriented Fundamental Research (SOFR)	59.50	H. M. Suryawanshi	Ongoing

S.N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
3	Development of Camera based sensors for motion detection and its application for energy saving	Centre of Excellence- Combedded Systems(2014-16)	12.25	M.R.Ramteke, S. S. Bhat	Ongoing
4	Digital Implementation of Industrial FO-PID	BRNS-BARC, Mumbai	25.00	M V Aware & Mrs A S Junghare	Ongoing

Electronics & Communication Engineering

S. N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1	Center of Excellence on Combedded System	MHRD	500.00	Dr. A G Keskar and Dr. A G Kothari	Ongoing
2	Scale invariant human face detection and recognition system for gray level still images	BARC	21.95	Dr. K. M. Bhurchandi, Dr. V. R. Satpute	Completed

VLSI and Nano-Technology

S. N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1	Establishment of National MEMS design Center	Aeronautical Development Agency	20.00 Plus CAD tools centrally purchased	Dr. R. M. Patrikar, Dr. R.B. Deshmukh, Dr. Jatin Bhatt	Completed 2015
2	Design and Development of a Pico-ampere Source and Meter	Board of Research in Nuclear Science (BRNS)	25.00	Dr. R. M. Patrikar, Dr. R.B. Deshmukh	Ongoing
3	Center for Innovation, (Incubation Centre) VNIT, Nagpur	Rajiv Gandhi Science and Technology Commission Government of Maharashtra (RGSTC)	227.00	Dr. R. M. Patrikar, Dr. R.B. Deshmukh	Ongoing
4	Design and Fabrication of instrument for microfluidic studies.	Aeronautical Development Agency	16 .00	Dr. R. M. Patrikar, Dr. R.B. Deshmukh	Completed 2015
5	Chip to system design special Manpower development program	Ministry Of Communication and Information Technology	150.00	Dr. R. M. Patrikar	Ongoing
6	Exploration of Micro-cantilever platform for Agricultural Applications	Department of Science and Technology	60.00 (With IITB,IITK and FBK, Italy	Dr. R. M. Patrikar	Ongoing

Applied Mathematics

S.N.	Project Title	Funding Agency (with date of award)	Cost of Projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1	Numerical methods for solving singularly perturbed delay differential equations with large delays	DAE (NBHM) December 2012	9.565	Dr. P. P. Chakravarthy	Ongoing
2	Studies on the flows of two immiscible incompressible micropolar and viscous fluids	NBHM, DAE 27-01-2015	9.565	Dr. M. Devakar	Ongoing
3	Numerical Methods for hyperbolic conservation laws	NBHM, DAE, 17 th Nov., 2014	9.565	Dr. G Naga Raju	Ongoing
4	Numerical methods for a class of singular two-points boundary value problems	DST-SERB, Govt. of India Date of Award: 08.10.2015	16.84	Dr. Pradip Roul	Ongoing Start Date: 01-01-2016
5	Design, analysis and implementation of numerical methods for doubly singular boundary value problems	NBHM, DAE	10.92 (proposed)	Dr. Pradip Roul	Approved for Financial Support Yet to receive the Sanction order

Mechanical Engineering

S.No.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1.	Mathematical modelling of zero velocity valve	Flownix Valve Pvt. Ltd., Pune	2.50	Dr. Arun Singh and A. D. Vasudeo (Civil Engg.)	Ongoing
2.	Development of robot programming by demonstration system	D.S.T. 2013-2014	25.00	Dr. S.S. Chiddarwar	Ongoing
3.	Estimation of human muscle characteristics	Department of Science & Technology	13.16	Dr. R. V. Uddanwadiker	Ongoing
4.	Design and Fabrication of Humanoid Robot	COE, Department of Electronics Engineering, VNIT	10.00	Dr. R. V. Uddanwadiker	Completed
5.	Development of Digital Dental Restoration	Department of Science and Technology	50.00	Dr. R. V. Uddanwadiker	Sanctioned
6.	Development of light weight functional hand prosthesis	Council of Scientific and Industrial Research	34.94	Dr. R. V. Uddanwadiker	Submitted
7	BETIC	2014-2019	850.00	Dr A M Kuthe	Ongoing
8	BETIC	2015-2020	250.00	Dr A M Kuthe	Ongoing
9	Mathematical Modeling of Hydraulically Operated Zero Velocity Valve	Flonix Valves Ltd. Pune	2.50	Dr. A.S. Dhoble	Ongoing
10	Experimental setup for study of flow and heat transfer in solar air heater	TEQUIP-II	1.00	Dr. A.S. Dhoble	Completed

S.No.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
11	Tyco (india) Pvt. Ltd., Nagpur	Tyco (india) Pvt. Ltd., Nagpur	1.00	Dr. A.S. Dhoble	Ongoing
12	Experimental and numerical study of flow and heat transfer in cross flow heat exchanger	TEQUIP-II	1.51	Dr. A.S.Dhoble	Ongoing
13	Aluminium based Rail Components in Freight Rolling Stock	Ministry of Railways under the Technology Mission for Indian Railways (TMIR)	349.00	Dr. T V K Gupta	--
14	Estimated project costs & Statement of Cases for 6 different projects	Indian Air Force	--	Dr. T V K Gupta	Submitted
15	Atomized Jet Cooling system for Titanium machining	IMPRINT-India under manufacturing domain	175.00	Dr. T V K Gupta	Proposal submitted
16	Mechanical Properties of Material for Ultra Super Power Thermal Sration	IGCAR, Kalpakkam	--	Prof. P.M. Padole	Proposal In Progress

Metallurgical & Materials Engineering

S. N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1.	Testing for Damage Evaluation of New Composite Materials & Components	ACECOST AR & DB (Feb 2012)	167.30	Dr. D.R. Peshwe Dr. R.K. Paretkar Dr. M.M. Thawre Dr. J.G.Bhatt	In progress
2.	Effect of texture on LCF behaviour of Ti64 turbine blade disc material	CARS (Dec 2015)	10.00	D.R.Peshwe Dr. A.Ballal	In progress
3.	Rheological study of Hydroxyl terminated poly butadiene (HTPB) – Aluminium nano particles (ANP) – Ammonium perchlorate (AP) Composite suspension	CARS	10.00	Dr. D. R. Peshwe (Dr. Wasewar)	In progress
4.	Endurance studies of Hip prosthesis	CARS (2014)	10.00	D.R.Peshwe (Dr. P.M. Padole) Dr. M.M. Thawre	In progress
5.	Developing downstream applications of strip cast aluminium alloys AA3004 and AA8011	Ministry of Mines (17 Feb 2016)	31.00	Dr. R.K. Khatirkar	In progress
6.	Structural developments during deformation and annealing in two phase material	SERB (DST) August 2015 to August 2018	16.85	Dr. R.K. Khatirkar	In progress
7.	A study of micro - texture and texture evolution in 2205 duplex stainless steel during deformation and recrystallization	UGC Networking Resource Centre(May 2014)	0.50	Dr. R.K. Khatirkar	Completed
8.	Dissimilar welding behaviour of stainless steels using conventional and un-conventional process	TEQIP-II	0.55	Dr. R.V. Taiwade	Ongoing

Mining Engineering

S.No.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1	Technical & Feasibility study of overburden rock of Dongri Buzurg & Kandri Mine for consolidated stowing in underground mines	MOIL Ltd, Nagpur, April 2013	39.25	I L Muthreja, Coordinator Dr. R R Yerpude Co-coordinator Dr A.D.Ghare Co-coordinator	Ongoing
2	Risk and Vulnerability Investigations for Disaster Control due to mining and other industries in Wardha river vicinity and Chandrapur area (MS) Revised proposal submitted to NMDA/Coal Ministry/ CIL	NM DA / Coal Ministry/ CIL	70.00	Dr.R.R. Yerpude Prof.I.L. Muthreja Dr.Y.B. Katpatal	Proposed

Applied Physics

S. N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
1.	Study of the Effect of Neutron and Gamma Irradiation on the Properties of Lithium Borosilicate Glasses	B.R.N.S. 1-10-2013	24.09	Dr. V.K. Deshpande And A.V.Deshpande	Ongoing
2	Synthesis and characterization of glasses containing semiconductor quantum dots (QDs) for optical filters	DST, SERB 24.4. 2014	32.65	Dr.R.S.Gedam	Ongoing

S. N.	Project Title	Funding Agency (with date of award)	Cost of projects (Rs. In Lakhs)	Investigator(s)	Present status of the project
3	Studies and development of polymer and/or inorganic material coated carbon nanotube thin films towards supercapacitor application	DST-SERB June 2014	38.75	Dr. B. R Sankapal	Ongoing
4	Investigations on $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ thin films leading to the development of heterojunction solar cells	DST,SERB	23.90	Dr. G. Hema Chandra	Ongoing (2013-2016)
5	Investigations on $\text{Cu}_2\text{ZnSnSe}_4$ thin films leading to the development of heterojunction solar cells	UGC-DAE-CSR	7.68	Dr. G. Hema Chandra	Ongoing (2014-2017)
6	Development of P3HT:PCBM solar cell containing Zn-Al & Zn-Fe hydrotalcite nanoparticles in PEDOT:PSS layer to enhance the efficiency	DST-SERB March-2016	10.00	Dr. Mrs. S.M. Giripunje	Sanctioned



Patents

14. PATENTS

Sr. No.	Name of Faculty	Patent Title	Application No. with date	Present Status (if awarded, Patent No.)
Applied Chemistry				
1	Dr. Sorokhaibam Laxmi Gayatri	Novel adsorbent for removing pollutants/chemicals from aqueous as well as organic streams and preparation thereof	0231-NF-2014:2014-INV-0088	Filed
Chemical Engineering				
2	Dr. Sachin Mandavgane	A process for making a dual substrate filter material	2771/MUM/2010	Patent no. 272399
3	Dr. Sachin Mandavgane	A Process For Making An Ambiphilic, Mesoporous Catalyst	316/MUM/2010	Patent No. 271794
4	Dr. D. Z. Shende Dr. K. L. Wasewar	Process for recovery of Caproic Acid from Aqueous Solutions	E-45/81/2016/MUM Dt. 9/3/16	Filed
5	Dr.S.S.Sonawane, Vishal R. Parate, Dr. Mohammed I., Talib Dr.Ajit P. Rathod	Development of Metal Ions Adsorbent from CajanusCajan (Tur Dal) Husk	Application No. 201621008676 C.B.R.No.4446	Filed
Civil Engineering				
6	Dr R. V. ralegaonkar, Dr M. V. Latkar, Dr T. Chakrabarti	Application of green solution for improving the mechanical properties of construction materials	3209/MUM/2015, 21/08/2015	Applied, not awarded yet.
7	Dr. R.V. Ralegaonkar	Application of Green Solution for improving the mechanical properties of construction materials	No.- 3209/MUM/2015, dated 21/8/2015	Publication date- 11/09/2015 Journal No. - 37/2015
8	Dr. R.V. Ralegaonkar	Replacement of sand using bio - briquette ash and method of making the bricks	No.- 2055/MUM/2015, dated 12/6/2015	Publication date- 12/06/2015 Journal No. - 24/2015
9	Dr. R.V. Ralegaonkar	Energy efficient building blocks & method of making the same	No.- 2506/MUM/2013, ref.- CBR No. 1104 dated 29/7/2013	Publication date- 26/06/2015 Journal No. - 26/2015
10	Abhay Tawale and S. Durga Vikas	Eco friendly paver block	3261/MUM/2015 11/09/2015	Filed

Sr. No.	Name of Faculty	Patent Title	Application No. with date	Present Status (if awarded, Patent No.)
Electrical Engineering				
11	Dr. H. M. Suryawanshi Dr. M. S. Ballal	Hybrid control of resonant converter for DC grid applications	201621001282 19/02/2016	filed
12	Dr. H. M. Suryawanshi Dr. M. S. Ballal	Machines' monitoring, control and protection system (M2CPS)	3381/MUM/2015 18/09/2015	filed
Mechanical Engineering				
13	Dr. S.S. Chiddarwar	Method of generating trajectory for treating a surface for use in a robotic device	1681/MUM/2015	Awaiting
14	Dr. Rashmi Uddanwadiker	Indigenously Manufactured Nasal Implants suitable for Indian Demography	2067/MUM/2015	Awaiting Examination
15	Dr. Rashmi Uddanwadiker, Jitesh Deshmukh	Multi-purpose Frying machine	2643/MUM/2015	Awaiting Examination
16	Dr. Rashmi Uddanwadiker, Apurva Sharan, Jugal Shah, M.R. Rahul, Dr. Subhash Lulay	Surgical Forceps for osteotomy of Nasal Bone	3765/MUM/2015	Awaiting Examination
Metallurgical & Materials Engineering				
17	Dr. D.R. Peshwe Dr.Kavita Pande	Effectiveness of Optimized Cryo-treatment on Polymer Composites	patent no 1724 / MUM/ 2014	Published in April 2015



Industry Institution Collaboration

15. Industry Institution Collaboration

Applied Mechanics

S. N.	Name of Industry / Organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1	Sapan Prabhu Architect and Planner, Vashi Navi Mumbai	Technical Scrutiny	0.10	R S Sonparote	Completed in 2015
2	Deputy Engineer MIDC Sub-Division Gondia	Technical Scrutiny	0.10	R S Sonparote	Completed in 2015
3	M/s Singh Builders Jabalpur	Technical Scrutiny	0.15	R S Sonparote	Completed in 2015
4	M/s Punam construction 12, Pawan Kuti BhaRatnesh kumarre layout Balaji Nagar Nagpur 440027	Technical Scrutiny	0.20	L M Gupta & G N Ronghe	Completed in 2015
5	Gondwana Engineers Limited Nagpur Athner Dist Betul	Technical Scrutiny	0.20	R S Sonparote	In progress
6	Sapan Prabhu Architect and Planner, Vashi Navi Mumbai	Technical Scrutiny	0.20	R S Sonparote	In progress
7	Sapan Prabhu Architect and Planner, Vashi Navi Mumbai	Technical Scrutiny	0.20	R S Sonparote	In progress
8	Executive Engineer MIDC Division No 1 Nagpur	Technical Scrutiny	0.20	R S Sonparote	In progress
9	Harshwardhan Nagpure Vividh Concepts Nagpur	Technical Scrutiny	0.20	R S Sonparote	In progress
10	Sarpanch Gram Panchayat Office Chikalgaon Panch Samiti Wani Dist: Yavatmal	Technical Scrutiny	0.21	R K Ingle & S B Borghate	Completed in 2015
11	Executive Engineer MIDC Division No 1 Nagpur	Technical Scrutiny	0.25	R S Sonparote	Completed in 2015
12	SMS Infrastructures Limited 20, IT PaRatnesh kumar Parsodi nagpur 440022	Technical Scrutiny	0.25	L M Gupta & G N Ronghe	Completed in 2015
13	M/s Balaji Associates GS-37, Amar Jyoti Palace Lokmat Sq Wardha road Nagpur	Technical Scrutiny	0.25	R K Ingle	Completed in 2015
14	Rohan Construction Nagpur	Technical Scrutiny	0.25	R S Sonparote	Completed in 2015
15	Dy Engineer MIDC, Sub-division No 1 Butibori	Technical Scrutiny	0.25	S S Gadve	In progress
16	Gondwana Engineers Limited Nagpur	Technical Scrutiny	0.25	R S Sonparote	In progress
17	Dy. Engineer MIDC Sub-Division No. 1 Butibori	Technical Scrutiny	0.25	S S Gadve	In progress

S. N.	Name of Industry / Organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
18	M/s Rajesh B Waghela Civil Contractor Ramashray 2 K R Nagar Katol Road nagpur	Technical Scrutiny	0.25	R S Sonparote	In progress
19	m/s Rakesh Kumar Jain Railways Contractors Jagmal Chauk Bilaspur (CG)	Technical Scrutiny	0.40	L M Gupta & G N Ronghe	Completed in 2015
20	The Executive Engineer PWD Bridge Zone Bilaspur (CG)	Technical Scrutiny	0.4087	L M Gupta & G N Ronghe	In progress
21	Executive Enigneer PWD Bridge Construction Rajnandgaon Division	Technical Scrutiny	0.44455	L M Gupta & G N Ronghe	In progress
22	M/S Sundari Construction Company Raipur	Technical Scrutiny	0.50	L M Gupta & G N Ronghe	Completed in 2015
23	Gondwana Engineers Limited Nagpur	Technical Scrutiny	0.50	R S Sonparote	In progress
24	Vighnaharta Constructions Plot no 20 Prasad nagar Nagpur Maharashtra	Technical Scrutiny	0.50	S V Bakre & Ratnesh Kumar	In progress
25	M/s Abrar Ahmed c/o City Engineer Nagpur Muncipal Carporation First Floor North Wing Mahanagarpalika Marg Civil Lines Nagpur	Technical Scrutiny	0.50	R K Ingle	In progress
26	The Executive Engineer PWD Bridge Construction Division Rajnandgaon (C.G.)	Technical Scrutiny	0.5885	L M Gupta & G N Ronghe	In progress
27	Sandeep Roopchandani Antrolkar Nagar No 1 Office no 9-10 Hotgi road Solapur	Technical Scrutiny	0.60	R K Ingle	In progress
28	Rajiv Kumar & Associates B-46 vibhuti Khand, gomti Nagar Lucknow(UP)	Technical Scrutiny	0.89	R S Sonparote	Completed in 2015
29	Shri N H Gurbani GM (C) 1, Rites Bhavan Kadbi Chawk Nagpur 440004	Technical Scrutiny	1.00	R K Ingle	Completed in 2015
30	Satish Raipure 102 Vighnaharta Apartment Shraddhanandpeth Mate Square S A road Nagpur	Technical Scrutiny	1.00	R K Ingle	Completed in 2015
31	M/s Satish Raipure 102 Vighnaharta Apartment Shradhanandpeth Mate square SA Raod Nagpur 440022	Technical Scrutiny	1.00	R K Ingle	Completed in 2015
32	M/s Satish Raipure 102 Vighnaharta Apartment Shradhanandpeth Mate square SA Raod Nagpur 440022	Technical Scrutiny	1.00	R K Ingle	In progress

S. N.	Name of Industry / Organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
33	Sapan Prabhu Architect and Planner, Vashi Navi Mumbai	Technical Scrutiny	1.00	R S Sonparote	In progress
34	Shri A K Mishra Sr DGM (C) 1 Rites Bhavan Kadbi chauk Nagpur 440014	Technical Scrutiny	1.50	R K Ingle	In progress
35	Executive Engineer Slum Rahabilitation authorit Nagpur	Technical Scrutiny	1.7179	R S Sonparote	In progress
36	The Executive Engineer Public WoRatnesh kumar Division Amravati	Technical Scrutiny	2.07	L M Gupta & G N Ronghe	In progress
37	Executive Enigneer Integrated Unit (M) PW Nagpur	Technical Scrutiny	2.30	R S Sonparote	Completed in 2015
38	The Executive Engineer PWD Bridge consgtuction Division Bilaspur	Technical Scrutiny	2.8075	L M Gupta & G N Ronghe	In progress
39	M/S Rites Limited NTDC- Mauda Dist Nagpur	Technical Scrutiny	3.24	R K Ingle	In progress

Architecture & Planning

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1	A World Bank funded consultancy project in Collaboration with IIT, Hyderabad	“Cool Roof for Rural Poor: Saving Energy, Beating the Heat Affordably”	9.00	Rajashree Kotharkar	Work Commenced
2	Visvesvaraya National Institute of Technology	Faculty Quarters for Associate Professors (21) and Assistant Professors (60)	-	V.S. Adane	Project Completed
3	Visvesvaraya National Institute of Technology	Extension of Civil Engineering Lab.	-	Alpana Dongre	Conceptual Design Completed
4	RTM Nagpur University	1. Extension of Dept. of Botany 2. Extension of Dept. of Zoology	1.50	Vijay Kapse	Under Construction
5	National Institute of Technology, Silchar	1.Renovation of Amenity Building (Lecture Hall Complex) 2.Renovation of Mechanical Workshop (Lecture Hall Complex)	120	Vijay Kapse	Drawing Completed
6	Maharashtra Remote Sensing Application Centre (M.R.S.A.C), Nagpur	Interior Design of Director's office	1.80	Vijay Kapse	Work commenced

Chemical Engineering

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1	Dentist	Synthesis of Nano-Silver Fluoride	0.10	Dr. K. L. Wasewar	Completed in 2015
2	L&T Ltd.	Boiler Feed Water Testing	0.20	Dr. D. Z. Shende Dr. K. L. Wasewar	Completed in 2015
3.	Bhansali Engineering Polymers ltd	Evaluation of Effluent Treatment Plant of Bhansali engineering Polymers Ltd, Chhindwara, MP.	3.50	Sachin A Mandavgane	Completed in 2015
4.	Gupta Energy PVT LTD	Evaluation of Char/Dolochar/Dol achar Coal Mill Reject Washery Reject	0.05	Dr.S.S. Sonawane	Completed in 2015

Civil Engineering

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1.	M/S Visvaraj Infrastructure Ltd.	Geotechnical Report for 200 MLD STP	0.67416	Dr.A. Mandal/ Dr. A Patel	Completed in 2015
2.	Vidharaba Irrigation Development Corporation	Ground treatment for Aqueduct @ RD 9560 m on Dy-8 Distributory of Gosikhurd Right Bank Canal	0.84730	Dr. A. Mandal and Dr.A. Patel	Completed in 2015
3.	Chhattisgarh Rural Road Development Agency, Ambikapur	Recommendation of Foundation and Technical Opinion for Major Bridge Construction	1.197	Dr. A. Mandal and Dr. A.Patel	Completed in 2015
4.	National Buildings Construction Corporation Limited	Construction of New Civil Works at VNIT Nagpur	0.95506	Dr. A. Mandal and Dr. A. Patel	Completed in 2015

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
5.	Vidharaba Irrigation Development Corporation	Ground treatment for Aqueduct @ RD 9560 m on Dy-8 Distributory of Gosikhurd Right Bank Canal	0.8473	Dr. A. Patel, Dr. A. Mandal	Completed in 2015
6.	Chhattisgarh Rural Road Development Agency, Ambikapur	Recommendation of Foundation and Technical Opinion for Major Bridge Construction	1.197	Dr. A. Patel Dr. A. Mandal	Completed in 2015
7.	National Buildings Construction Corporation Limited	Construction of New Civil Works at VNIT Nagpur	0.95506	Dr. A. Patel Dr. A. Mandal	Completed in 2015
8.	MSPGCL, Koradi, Nagpur	To check verticality of columns	0.40	Dr. Rahul V Ralegaonkar & Dr. V AMhaisalkar	Completed in 2015
9.	M /S Vilas Patil and Associates, Pune	Design notes for water Hammer control system for Sulwade-Jamphal-Kanoli LIS, Dist. Dhule	5.0562	Dr. Rajesh Gupta	Completed in 2015
10.	M/S Kalyan Toll infrastructure Indore - 452001	Hydraulic design for Intake Well cum Pump House & WTP	0.6042	Dr. Rajesh Gupta	Completed in 2015
11.	Exe. Engineering Minor Irrigation Division, Chandrapur	Surge Analysis and Surge Protection System for Palasgaon LIS-2	1.75282	Dr. Rajesh Gupta	Completed in 2015
12.	Neeti Infrastructure Pvt. Ltd survey No. 59/6 - 59/11, Kathdir Raipur (CG)	Proof checking of Hydraulic Design WD Network of Kalor water supply Project	1.2736	Dr. Rajesh Gupta	Completed in 2015
13.	M/S Tejas construction & Infrastructure Pvt. Ltd Pune.	Proof checking of Hydraulic Design & Drg Multivillage water supply scheme , By group Pateraa Block Mp Jal Nigam Naryadit	1.6854	Dr. Rajesh Gupta	Completed in 2015

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
14.	Kalyan Toll Infrastructure Indore	Gangabai Multivillage Rural supply scheme Neemuch (M.P)	0.59	Dr. Rajesh Gupta	Completed in 2015
15.	Executive Engg Bhatsa Dam Division1 Bhatsa Nagar	Water hammer control system for Birwadi LIS Shahapur Dist Thane	1. 71	Dr. Rajesh Gupta	Completed in 2015
16.	Uniprotechno Infrastructure Pvt. Ltd Chandigarh	Vetting of Hydraulic Design (multivillage water supply scheme mohked	1.767	Dr. Rajesh Gupta	Completed in 2015
17.	Executive engg. P.W. Division 1 , Gadchiroli	Construction of storm water sewer water network for District Hospital, Gadchiroli	0.456	Dr. Rajesh Gupta	Completed in 2015
18.	Assnt. Suptt. Engr. Jalgaon Irrigation Project Circle, Jalgaon	Surge analysis & surge protection system for WAGIUR LIS Jammeter (Jalgaon)	1.6595	Dr. Rajesh Gupta	Completed in 2015
19.	Hiremath Irrigation Consultants, Pune	Jigaon scheme No. 9 (LIS)	3.5495	Dr. Rajesh Gupta	Completed in 2015
20.	Central India Engg. Nagpur	Proof checking of Hydraulic Design of Raw and Pure Water rising mains for BARKUHI W.S. Scheme	0.229	Dr. Rajesh Gupta	Completed in 2015
21.	Exe. Engg. Jehe -Kathapur LIS Div. Satara	Surge Analysis and design of surge prot. System for jihe -Kathapur LIS Satara	3.3205	Dr. Rajesh Gupta	Completed in 2015

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
22.	Omnibus Industrial Dev. Corpo. Daman Diu & Dadranagar Haveli	Prof Checking of W.D. System to receive 64 MLD by Gravity	5.7125	Dr. Rajesh Gupta	Completed in 2015
23.	Exe. Engg. Tembhu Lift Irrigation Div. Sangli	Design Note for water Hammer control system (Anti-surge) Tembhu LIS sf-4 vejcgaoon , ST.-5 Bhud	2.4045	Dr. Rajesh Gupta	Completed in 2015
24.	Central Groundwater Board Ministry of Water resources, Govt. of India.	Collaborative National Project of Aquifer mapping on 1:50,000 scale for 3D scenario for aquifer disposition, Five year period for 43000 sq. km. in		External-Expert	Ongoing
25.	NTPC, L&T, CPWD, NBCC etc	Mix Design & NDT	10.00	S.P. Wanjari	Completed in 2015
26.	Kalyan Toll, Indore	Scrutiny of structural design of water supply	4.4944	Abhay Tawalore	Completed in 2015
27.	Tejas construction Ltd. Pune	Scrutiny of structural design of water supply	4.4944	Abhay Tawalore	Completed in 2015
28.	Unipro Techno Infrastructure Pvt. Ltd. Chandigarh	Scrutiny of structural design of water supply	3.435	Abhay Tawalore	Ongoing

Computer Science Engineering

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1	Nagpur Municipal Corporation	Information Audit of Nagpur Municipal Corporation	12.00	Dr. P. S. Deshpande Anil S. Mokhade	Completed 28-5-2015
2	Nagpur Municipal Corporation	Mobile Application of Property Survey To support E-governance	0.5618	Dr. P. S. Deshpande Anil S. Mokhade	Completed 19/11/2015
3	Nagpur Municipal Corporation	Web Monitoring and Extension support for Mobile based survey	1.71	Dr. P. S. Deshpande Anil S. Mokhade	Ongoing

Electrical & Electronics Engineering

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1	Tesla Transformer Ltd., Bhopal (MP)	Condition monitoring performance evaluation of the distribution/power transformer health	1.71	M. S. Ballal, H. M. Suryawanshi	Ongoing
2	Asia Power Quality Initiative (APQI), Mumbai	Power Quality in steel re-rolling Industries	5.00	M V Aware	Completed in 2015

Applied Mathematics

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1	Persistent System Limited	Location based services	0.56563	Dr. G. Naga Raju Dr. M. Devaker	Completed

Mechanical Engineering

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1.	Executive Engineer, Minor Irrigation, Aurangabad	Surge analysis for the rising Main of 1500 mm and 1200 mm of Brahmangaon	1.4	Dr. Arun Singh and A. D. Vasudeo (Civil Engg.)	Completed
2.	Executive Engineer, Minor Irrigation, Aurangabad	Surge analysis of Brahmangaon LIS, Aurangabad	1.2	Dr. Arun Singh and A. D. Vasudeo (Civil Engg.)	Ongoing
3.	Mechworks Engineering consultancy	Structural analysis of JCB Trolley	0.86	Dr. R. V. Uddanwadiker	Completed
4.	Ordnance Factory, Chanda	Testing of Airflow meters	0.41	Dr S B Thombre and Dr D B Zodpe	Every year 3 assignments are done
5.	Directorate of Sericulture, Nagpur	Framing of Parameters for Mulberry pruner	0.25	Dr S B Thombre	completed

Metallurgical & Materials Engineering

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1.	JSW Steel Ltd, Dolvi	Technical report on functions of Coke in blast furnace	3.50	Dr. AP Patil and Prof. DV Moghe	Completed
2.	ADOR Fontech, MIDC Hingna	Failure analysis of roll	1.50	Dr. AP Patil	Completed
3.	IGCAR Kalpakkam	Academic Project	-	Dr. A R Ballal	Ongoing
4.	IISc Bangalore	Academic Project	-	Dr. A R Ballal	Completed
5.	MME, IIT Bombay, Mumbai	Electron backscattered diffraction and textures in metals and alloys	-	Dr. R.K.Khatirkar Prof. Indradev Samajdar	
6.	MME, IISc, Bangalore	Deformation and recrystallization texture development in two phase materials	-	Dr. R.K.Khatirkar Prof. Satyam Suwas	

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
7.	Defence Institute of Advanced Technology, Pune	Textures and magnetic properties of electrical steels	-	Dr.R.K. Khatirkar Dr. Vijay Hiwarkar	
8.	JSW Ispat Ltd., Kalmeshwar	Rolling and galvanizing of low carbon steels	-	Dr. R.K. Khatirkar Mr. Rajeev Jayaswal	

Mining Engineering

S. N.	Name of Industry / organization	Consultancy Topic / Activity	Amount in Lakhs	Investigator(s)	Present Status
1	Sunflag Iron and Steel Co Ltd, Nagpur	Geotechnical Studies of roof rocks and evaluation of RMR of underground coal mine	3.53518	I L Muthreja, HOD, N R Thote, R R Yerpude, S S Gupte	Ongoing
2	MOIL	Technical & Feasibility study of overburden rock of Dongri Buzurg and Kandri Mine for consolidated stowing in underground mines	39.25	Prof.I.L. Muthreja, Dr. R.R.Yerpude Dr A. Ghare	Ongoing



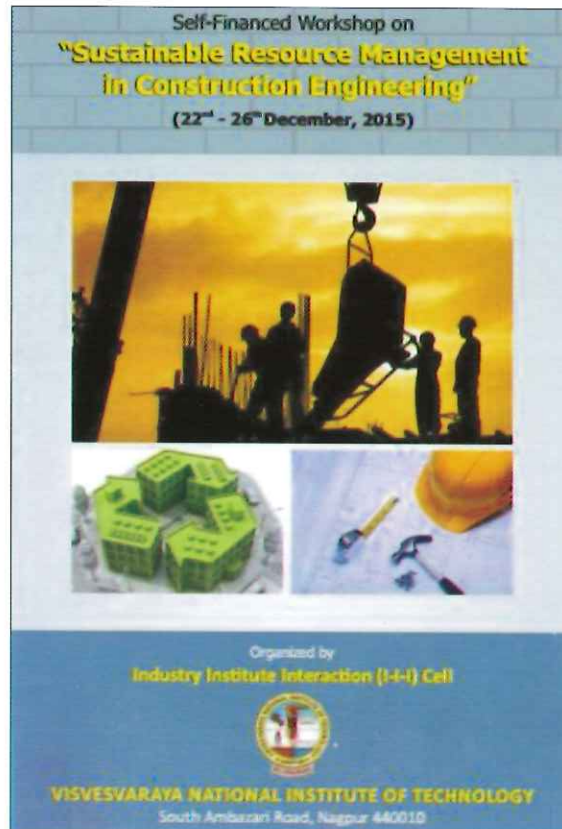
Innovation & Technology Transfer

16. INNOVATION & TECHNOLOGY TRANSFER

Civil Engineering

S.N.	Name of the Faculty	Details of Investigation & Technology Transfer
1.	Dr. A. D. Ghare	Calibrated cylindrical flume is developed through a Ph D research project and the information has been passed on to the engineers from Water Resources Department (MS) by conducting a training programme on 1 Aug. 2015.
2.	Dr. R.V.Ralegaonkar	Designed and developed successfully the masonry product from agro - waste. Presently working with industries for technology transfer.

WORKSHOP
SUSTAINABLE RESOURCE MANAGEMENT IN CONSTRUCTION ENGINEERING
December 22-26, 2015



NATIONAL CONFERENCE
FUNCTIONAL GLASSES/GLASS-CERAMICS AND CERAMICS (NCFGC-2015)
10-12 December 2015





Seminars / Summer Schools /Short Term Courses/ Workshops

17 SEMINARS / SUMMER SCHOOLS/ SHORT TERM COURSES / WORKSHOPS

17.1 Organized by VNIT

Applied Mechanics

Name of the Coordinator	Title	Duration
Dr. R.K. Ingle & Dr. D. Datta	Structural Design of Water treatment Plants and Other Related Structures	24 – 30 November, 2015

Architecture & Planning

Name of the Coordinator	Title	Duration
Sarika Bahadure Resource Person: Ar. Veepe Jariwala	Modelling Workshop on Exploring Forms through Models form through different model making materials,	20 th February 2016
Dr. Sameer M. Deshkar, Dr. Vinayak S. Adane	Indo-Japan International Research Symposium on Regional Studies – “Enabling Rural Transformation” Role of Academia under changing scenarios of Development, Environment, Governance & Social Movements	21 st – 22 nd March 2016
Rajashree Kotharkar-Coordinator; Pankaj Bahadur & Sarika Bahadure-Co-coordinator	Measuring Urban Sustainability	9 th & 10 th October 2015
Sameer M. Deshkar, Co-Coordinator	First Asian University Network Forum on Advances in Research (AUNFAIR) hosted by Aichi Gakuin University, Nagoya, Japan	2 nd – 4 th November 2015

Applied Chemistry

Name of the Coordinator	Title	Duration
Dr. S.S.Umare & Dr. S.K. Ghosh	Modern Instrumental Methods of Analysis for Diverse Applications: From Nanomaterials to Biology”	22 th - 26 th Feb. 2016

Chemical Engineering

Name of the Coordinator	Title	Duration
Dr. K. L. Wasewar Dr. D. Z. Shende Dr. M. N. Varma	National Workshop on ‘Advances in Explosive and Propellants’	20-24 April 2016
Dr. A. S. Chaurasia - Coordinator	Five Day Self Sponsored Training Program on ‘Computational Modeling with Comsol Multiphysics’	21 st May – 25 th May 2016
Dr. Vijayakumar R. P.	Chemix’16 (A National conference on inter and intra-disciplinary blend of chemical engineering)	April 2 & 3 2016

Name of the Coordinator	Title	Duration
Prof. Shyam M. Kodape	“Application of Natural Computing Techniques in Chemical Engineering”	4 th – 8 th March 2016
Dr. Vijayakumar R. P. Dr. K. L. Wasewar	Interactive Workshop on ‘Graphite - Green and Energy Efficient Material of Construction for Chemical Process Equipments’	14 March 2016
Dr. K. L. Wasewar Dr. D. Z. Shende Dr. M. N. Varma	Self Sponsored STTP on ‘Recent Trends in Chemical & Biochemical Engineering’	27-31 January 2016
Dr. D. Z. Shende Dr. K. L. Wasewar	Interactive Workshop on ‘Advances in Explosive and Propellants’	19 January 2016
Dr. A. P. Rathod Dr. K. L. Wasewar	Workshop on ‘Production Management of Chemical Process Industries’	6-7 September 2015
Dr. K. L. Wasewar Dr. D. Z. Shende Dr. M. N. Varma	National Workshop on ‘Advances in Explosive and Propellants’	17-18 April 2015
Dr. P. B. Dhamole Dr. K. L. Wasewar	Interactive Workshop on ‘Sustainable Engineering: Concept Challenges and Potential Solutions’	30 December 2015
Dr. C. Ravikumar Dr. K. L. Wasewar	Interactive Workshop on ‘Application of Chemical Processes for Manufacturing of Microchips’	2 December 2015
Dr. K. L. Wasewar	Interactive Workshop on ‘Nanotechnology for Energy’	30 October 2015
Dr. K. L. Wasewar Dr. A. P. Rathod	Interactive Workshop on ‘Desalination by Membrane Distillation’	19 October 2015
Dr. K. L. Wasewar	Interactive workshop on ‘Application of CFD in Chemical Industries’	7 September 2015
Dr. D. Z. Shende Dr. K. L. Wasewar	Interactive workshop on ‘Application Orientation of Particle Size Analyzer for Different Uses’	3 September 2015
Dr. Sachin Mandavgane	Curiosity Driven	1 Day (11 th July 2015)
Dr. Sachin Mandavgane	Fun With Fluid	1 Day (9 th April 2015)
A.P.Rathod S.S.Sonawane	Self Sponsored One Week Short Term Training Program Recent Trends in Nano-Membrane Technology (RTNMT-2016)	24-28 th February 2016
Prof. Shyam M. Kodape A.P.Rathod S.S.Sonawane	Self Sponsored One Week Short Term Training Program “Application of Natural Computing Techniques in Chemical Engineering”	4 th – 8 th March 2016

Civil Engineering

Name of the Coordinator	Title	Duration
Dr A. R. Tembhurkar	National Conference on "Advances in Construction Technology and Management" (ACTM- 2016)	19- 20 th February 2016
Dr. V.A.Mhaisalkar Dr. D.H. Lataye	Refresher course on Water Treatment Plant design	6-12, January 2016
Dr. A. D. Ghare, Dr. A. D. Vasudeo,	Application of Cylindrical Flumes for measurement of flow through Agricultural Field Canals	One Day, 1 Aug. 2015
Dr. R.V.Ralegaonkar, Convener	Sustainable Resource Management in Construction Engineering	22 nd - 26 th December 2015
Dr. R.V.Ralegaonkar, Convener	Sustainable Construction Materials from Agricultural Waste	11 th -12 th October 2015
Rajesh Gupta	Computer aided analysis and design of pipelines and pipe networks for water supply and sewerage networks	7 days sponsored by CPHEEO
Dr. A.R.Tembhurkar, Dr. S.P.Wanjari, Prof. A.G.Tawalare	National Conference on Advances in Construction Technology & Management	19-20 Feb 2016
A.R. Tembhurkar, S.P.Wanjari, Abhay Tawalare	Advances in Construction Technology and Management	19-20 Feb 2016

Computer Science Engineering

Name of the Coordinator	Title	Duration
Dr. S. R. Sathe, Convenor	81 st Annual Conference of the Indian Mathematical Society	27-30 Dec. 2015
Dr. S. R. Sathe	High Performance Computing on Multicore and GPU	21-23 May 2015
Dr. R B Keskar	Symposium on Cryptography and Security	27-30 December 2015
Dr. R B Keskar	lecture on Microsoft platform for cloud computing	20 February 2016
Dr. Deepti Shrimankar	Parallel, Cluster and Cloud Computing on Multicore & GPU (PCCCMG-2015)	4 th - 6 th Sept 2015.

Electrical Engineering

Name of the Coordinator	Title	Duration
Dr. P. S. Kulkarni, Dr. N. R. Patne, Dr. M. M. Lokhande	Distributed Generation and Power Quality	15-16 December 2015
M V Aware & Ritesh Kesari	Control Methods or High Performance Electric Drives	18-19 Jan 2016
Prof. O.R.Jaiswal Prof.A.S.Junghare	Induction training for Student Mentors of Batch 2015. Experts from Tata Institute of Social Sciences	8-9 August 2015

Name of the Coordinator	Title	Duration
Prof Anjali Junghare Prof. Anupama Kumar & Dr. Batra	Health related Workshop for Women	24 th April 2015
Prof Anjali Junghare Deepali Deshpande	Workshop on Women Empowerment Women's Day Celebration	9 th April 2015

Electronics & Communication Engineering

Name of the Coordinator	Title	Duration
K. M. Bhurchandi and Saugata Sinha	Hands on Workshop on Digital Signal Processing	5-7 March 2016
K. M. Bhurchandi and Vishal Satpute	Foreign Faculty (Prof. Durgamadhab Misra) interaction with Ph.D students	5-8 February 2016

VLSI and Nano-Technology

Name of the Coordinator	Title	Duration
Dr. R. M. Patrikar	Centenary Celebration of Dr. Claude E. Shannon by organising seminars and workshop by renowned faculties worldwide	21 st January 2016

Humanities & Social Sciences

Name of the Coordinator	Title	Duration
Dr. M. Ghosal (CEP Course Coordinator)	Workshop on Technical Communication conducted by IIT Bombay at Mumbai	24 th to 28 th August, 2015
Dr. M. Ghosal (Coordinator)	Quest Scientia- Workshop on Research Methodology	2 nd to 8 th November, 2015
Dr. M. Ghosal (Coordinator)	ISTE STTP on Technical Communication through National Mission on Education, ICT (MHRD, Govt. of India)	30 th November to 5 th December, 2015

Applied Mathematics

Name of the Coordinator	Title	Duration
Dr. G.P. Singh	81 st Annual Conference of Indian Mathematical Society	27-30, Dec. 2015
Dr. P. Pramod Chakravarthy	Modelling, Computing, Simulation in Science and Engineering (Self sustained program)	06-10, July 2015

Mechanical Engineering

Name of the Coordinator	Title	Duration
Dr. V.R. Kalamkar	Computational Fluid Dynamics (CFD) and Software Training	13 July 2015 to 17 July 2015
Dr Trushar B.Gohil & Dr V. R. Kalamkar	CFD training Programme	June 2015 (1 week)
Dr Trushar B.Gohil	CFD with Open FOAM training Programme 2015	Dec 2015 (1 week)
Dr. R. V. Uddanwadiker	Self-Sponsored workshop on Importance of Statistics and Design of Experiments in Engineering	18-22 Jan 2016
Dr. R. V. Uddanwadiker	How to Make an Effective Presentation	11-13 Sept 2015
Dr. R. V. Uddanwadiker	Handing Over ceremony of Implants to Doctors	3rd May 2015
Dr. Y M Puri	One Day Workshop on CAM TOOLS	16-23 Jan. 2016, 20-27 Feb. 2016
Dr. Ravikumar Dumpala & Dr. T.V.K Gupta	Machining of Advanced Materials (MAM-2015)	Dec 04-05, 2015

Metallurgical & Materials Engineering

Name of the Coordinator	Title	Duration
Dr. A R Ballal Dr. M.M.Thawre	Students' Symposium	Nov 2015

Mining Engineering

Name of the Coordinator	Title	Duration
I L Muthreja	Curriculum Development Workshop	28 th February 2016

Applied Physics

Name of the Coordinator	Title	Duration
V.K. Deshpande R.S. Gedam A.V.Deshpande	National Conference on Functional Glasses /Glass-Ceramics and Ceramics	10-12 Dec. 2015.

17.2 Staff members deputed for Seminars / Workshops/ Summer Schools by the Institute

Applied Mechanics

Name	Name of Program	Organizing agency / Sponsors	Date
Dr. Ratnesh Kumar	Two Week ISTE STTP on Introduction to Structural Engineering	Project "T10KT", IIT Kharagpur,	4-9 January, 2016
Dr. Debarati Datta and SV Bakre	Introduction to Structural Engineering	IIT Kharagpur through CDEEP	4-9 January, 2016
S V Bakre	Nonlinear analysis and performance based design of multistory buildings	BMTPC, NORSAR and IIT Roorkee and NGI	3-5 Dec., 2015

Architecture & Planning

Name of the Faculty	Conference/Seminar/Organiz ation	Topic	Dates
Akshay P Patil	Workshop on Research in Architecture at Bharati Vidyapeeth College of Architecture, Navi Mumbai.	Complexity Science – Paradigm Shift and Introduction to Agent-Based Modelling	August 05, 2015.
Akshay P Patil	Guest lecture for the course Research skills and Project Introduction	Research in Architecture	July 25, 2015.
Sarika Bahadure	Radhikatai Pandav Institute of Architecture, Nagpur	Research in Architecture	9 th Feb 2016
Sarika Bahadure	K.I.T.S. Ramtek	Lateral Thinking and Design	17 th March 2016

Applied Chemistry

Name	Name of Programme	Organizing agency/sponsors	Date
Anupama Kumar,	The Sexual harassment of Women at workplace (Prevention, prohibition and redressal) Act, 2013 by the Solitaire Hotel, Bengaluru	Institute of Public Administration Bengaluru;	18-19 December, 2015
Anupama Kumar	Two Day National Workshop on Plagiarism and Reference Management Tools	All India Management Association	6-7 August, 2015
Anupama Kumar	Training programme on Intellectual property Rights	Rajiv Gandhi National Institute of Intellectual property management, Nagpur.	1-5 February, 2016

Dr. Ramani Motghare	Expert Lecture at STTP “Advances in chemical analysis”. 6-10 July 2015.	Department of Chemistry, NIT Raipur	09 July 2015
Dr. Susanta Kumar Nayak	Short Term Training Program on Advances in Chemical Analysis	Department of Chemistry, NIT Raipur. (Invited Speaker)	6-10 July 2015

Chemical Engineering

Name	Name of Programme	Organizing agency / sponsors	Date
Dr. Piyush P. Wanjari (Participated)	TEQIP-II Short Term Course: On Nation-wide Program	IIT Kharagpur	9-11 October 2015
Dr. A. S. Chaurasia	7 th Management Capacity Enhancement Program	Indian Institute of Management-Raipur,	July 13-18, 2015
Dr. A. S. Chaurasia	R & D Meet 2015 on ‘Coal-To-Liquid-Technologies	IICHe (NRC) Auditorium, C-27, Qutab Institutional Area,	July 24-25, 2015
Dr. Sachin Mandavgane	India International Science Festival 2015	Department of Science & Technology	4-8 December 2015
Dr. A. P. Rathod	World Research Journals Conference (WRC-2015) Deira, Dubai (U.A.E)	International Congress of Chemistry and Environment	7-8 December 2015
Dr.S.S.Sona wane	World Research Journals Conference from 07 th to 08 th December 2015, at Hotel Sheraton, Deira Dubai, UAE	World Research Journals Conference	December 2015

Civil Engineering

Name of The faculty	Name of Programme	Organizing agency/sponsors	Date
Dr. R.V.Ralegao nkar	Training Program on Green Buildings	IGBC, Pune	6 th Nov. 2015
Dr. S.P. Wanjari	Management capacity enhancement programme	IIM Udaipur	06-12 Sept 2015

Computer Science Engineering

Name	Name of Programme	Organizing agency / sponsors	Date
Mrs. M.R. Pimple, Sr Technical officer	Workshop on “Modeling, Computation, Simulation in Science & Engineering”	Deptt. Of Mathematics, VNIT Nagpur	6-10 July, 2015

Mrs. M.R. Pimple, Sr. Technical Officer	7 Day Training Program on "Management Capacity Enhancement Program"	IIM, Raipur	17-22 August, 2015
Dr. Dipti Shrimankar	GARUDA – NKN PARTNERS MEET 2015	C-DAC Bangalore and National Knowledge Network	10 – 11 Sept 2015
Dr. S.A. Raut, Dr. P.A. Sharma	Train The Trainer	Infocepts, Nagpur	18- 22 January 2016
Dr. P.A. Sharma	7 Day Training Program on "Management Capacity Enhancement Program"	IIM, Raipur	7- 12 September 2015

Electrical Engineering

Name	Name of Programme	Organizing agency / sponsors	Date
P.S. Kulkarni	Orientation Programme for Nodal Officers on 'Rashtriya Avishkar Abhiyan'.	MHRD, New Delhi	16 th -17 th Nov. 2015
A.S.Junghare	Conclave on academic reforms	National Institute of Technology, Tiruchirappalli	28-29 April, 2015

Electronics & Communication Engineering

Name	Name of Programme	Organizing agency / sponsors	Date
Dr. Prabhat Sharma	Management Capacity Enhancement Programme	IIM Udaipur (NPIU)	7- 12 September 2015
Dr. Saugata Sinha	GARUDA-NKN Partners Meet 2015	C-DAC, NKN, IISc Bangalore	10-11 September 2015

VLSI and Nano-Technology

Name	Name of Programme	Organizing agency / sponsors	Date
Dr. Ganesh C. Patil	9 th Faculty Development Program under TEQIP-II	Indian Institute of Management, Raipur	7 -12 th Sept. 2015

Applied Mathematics

Name	Name of Programme	Organizing agency / sponsors	Date
Dr. G Naga Raju	STTP on Mathematical modeling computation techniques in science and Engineering	Dept. of Mathematics, NIT Raipur	14 th March 2016

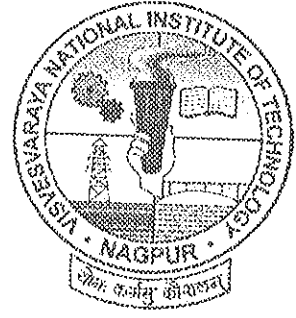
Dr. R.P. Pant	Deputed for Research interaction	Autonomous College of Science , Rishikesh, Uttarakhand	15-23 Dec. 2015
Dr. D.K. Patel	STTP on Nation-wide program for faculty development towards effective teaching and pedagogical practices	IIT, Kharagpur	9-11 Oct., 2015
Dr. D.K. Patel	Deputed for Research interaction	Dept. of Mathematics, SVNIT, Surat	7-11 Dec. 2015

Mechanical Engineering

Name	Name of Programme	Organizing agency / sponsors	Date
Dr. Arun Kumar Singh	Gordon conference on adhesion, Mount Holyoke College, South Hadley, USA	Adhesion Society, USA(organizers) /SERB-DST and VNIT(sponsors)	26-31 July-2015
Dr. Shital S. Chiddarwar	TEQIP Workshop on Advanced Robotics	TEQIP	March 15-19, 2016
Dr. V. R. Kalamkar	23 rd National and 1 st International ISHMT-ASTFE, Heat and Mass Transfer Conference at during	ISRO, Trivandrum, Kerla	17-19 December 2015.
Dr. A. S. Dhoble Dr. M. S. Kotambkar	Orientation in Automobile Engineering	Self Sponsored	15-20 Feb 2016

Metallurgical & Materials Engineering

Name	Name of Programme	Organizing agency / sponsors	Date
Dr. R.K. Khatirkar	INAE Teacher Mentoring fellowship, IIT Bombay	INAE	June-July 2015



Departmental Laboratories

18. DEPARTMENTAL LABORATORIES

Applied Mechanics

1. Engineering Mechanics Laboratory
2. Computer Laboratory
3. Strength of Material Laboratory
4. Instrumentation Laboratory
5. Structural Dynamics Laboratory
6. Structural Analysis Laboratory
7. Structure/Earthquake Engineering Laboratory
8. Research Scholar Laboratory
9. Reading Room (Departmental Library)
10. Data processing Laboratory
11. Advance computing Laboratory
12. Concrete Laboratory

Architecture & Planning

1. Computer lab
 2. Photography Lab
 3. Carpentry Lab (Modelling Workshop)
 4. Building material Bureau
 5. Climatology Lab
 6. Construction Technology Lab.
 7. Acoustics and Illumination Lab.
- ** In addition department maintains Departmental library

Chemical Engineering

1. Technical Analysis Laboratory
2. Polymer Processing Laboratory
3. Process Control and Instrumentation Laboratory
4. Industrial Waste Treatment Laboratory
5. Mechanical Operation laboratory
6. Fluid Mechanics Laboratory
7. Chemical Process Modeling and Simulation Laboratory
8. Mass Transfer Laboratory
9. Heat Transfer Laboratory
10. Chemical Reaction Engineering Laboratory

11. Advance Separation Technology Laboratory
12. Chemical Engineering Design and Drawing Laboratory

Applied Chemistry

1. UG Laboratory for B.Tech. 1st& 2nd Sem.
2. Physical Chemistry Laboratory – 3rd sem. Chemical Engg.
3. Organic Chemistry & Synthesis Lab. – 3rd Sem. Chemical Engg.
4. Organic Chemical Technology Lab. – 4th Sem. Chemical Engg.
5. Organic chemistry lab - PG Laboratory for M.Sc. 1st Semester
6. Inorganic Chemistry Lab - PG Laboratory for M.Sc. 2nd Semester
7. Physical Chemistry Lab - PG Laboratory for M.Sc. 1stSemester
8. Analytical Chemistry Lab - PG Laboratory for M.Sc. 2nd Semester
9. Synthesis and Characterization Lab- PG Laboratory for M.Sc. 3rd Semester
10. Computational chemistry Laboratory- M.Sc. 3rd Semester

Civil Engineering

1. Soil Dynamics Experimental and Computational Lab.
2. Environmental Chemistry Laboratory
3. Environmental Microbiology Laboratory
4. Civil Engineering Computer Laboratory
5. Remote sensing and GIS
6. Building Materials and Technology Laboratory
7. Transportation Engineering Laboratory
8. Air Pollution and monitoring Laboratory
9. Concrete Engineering Laboratory
10. Surveying
11. Environmental Engineering Laboratory
12. Water Resources Engineering

Computer Science Engineering

1. Data Structure & Program Design Lab (UG-I Lab)
2. High Performance Computing Lab
3. Pattern Recognition Lab
4. (PG-II Lab)
5. Distributed Systems Lab
6. (PG-I Lab)

7. Computer Network Lab
8. Cloud Computing Lab
9. DBMS & Compiler Lab
10. (UG-II Lab)

Electronics & Communication Engineering

1. Communications Lab
2. Analog and Digital Communication
3. Computer Networking
4. RF Communication
5. Optical Communication
6. Advanced Communication Research Lab
7. Analog Circuits and Electronic Devices Lab
8. Advanced Research Lab
9. Nano Electronics Lab
10. Optical Communication Lab
11. MEMS Lab
12. Digital Signal Processing and Advanced DSP Lab
13. Electronic Devices and Workshop Lab
14. Digital Circuits and Microprocessor Lab
15. Embedded Systems Lab
16. Advanced Embedded Systems Research Lab
17. EDA Lab
18. Image Processing and Computer Vision Lab
19. Signal & System Analysis Lab

Electrical & Electronics Engineering

1. Basic Electrical Lab.
2. Measurement and Instrumentation Lab.
3. Network Theory Lab.
4. Electrical Machines Lab.
5. UG Computer Lab.
6. Control System Lab.
7. Electrical Workshop
8. Microprocessor Lab.
9. Power Electronics Lab.

10. Non-Conventional Energy Lab.
11. Power System Protection Lab.
12. High Voltage Lab.
13. PG Computer Lab.
14. Drive Lab.
15. Research Lab.
16. Distributed Generation

Applied Mathematics

Computer Lab for PG & Ph.D. Students

Mechanical Engineering

1. Steam Power and Heat Transfer Laboratory
2. Solid mechanics lab
3. Computer lab
4. Dynamics of Machine
5. CAD-CAM Centre
6. Refrigeration and Air conditioning Lab
7. I.C Engine Laboratory
8. Robotics and Mechatronics Lab
9. CFD Centre
10. Ergonomics
11. Hydraulic machine lab
12. Measurement Lab

Metallurgical & Materials Engineering

1. SEM and XRD lab
2. Thermal Lab
3. Polymer Lab
4. Physical Metallurgy Lab
5. Heat Treatment Lab
6. Polymer Engineering Lab.
7. Testing of Materials Lab.
8. Creep Lab
9. Wear LAB
10. Mineral Dressing LAB

11. Workshop
12. Chemical Analysis lab
13. Corrosion Lab 1 & 2

Mining Engineering

1. Rock Mechanics and Ground Control Laboratory
2. Mine Surveying Laboratory
3. Mine Machinery Laboratory
4. Mine Environment Laboratory
5. Mine Systems and Design Laboratory
6. Rock Blasting Laboratory

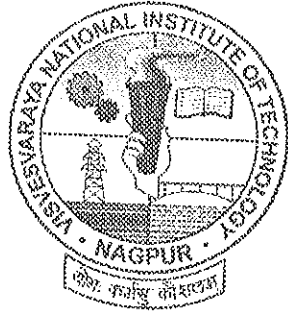
Applied Physics

1. Solid State Ionic Laboratory
2. Materials Science Laboratory
3. Polymer Nanotech lab
4. Nano Materials and Device Laboratory
5. Thin Film Laboratory
6. Oxide electronics Laboratory

VLSI and Nano-Technology

Characterization Lab

1. VLSI Lab
2. MEMS Lab
3. Nano Lab
4. EDA Lab



Library and Information

19. LIBRARY AND INFORMATION

19.1 General information about the library

Total : 1,66,856 (Books, Journals, and Standards & Non Book materials)

Collection of Books	(Total Books –1,36,326)
General Books – 70,742	E-Books – 4948
Book Bank – 28,574	Book from Students Aid Fund – 3,941
Social Welfare Book Bank – 15,978	UGC Book Bank - 483
Gratis Books – 4668	UGC / SAF Books – 4,331
British Council Book Bank – 291	Book Bank Scheme for ST – 386
Addl. Intake 120-256	(UG Project Report/PG/Ph.D. Thesis- 1,728+122=1850)

Periodicals

(Total Periodicals & Bound Volumes – 19,024)

National Print – 03	International Print - 33
Gratis Periodicals & Pamphlets – 80	E-Journal through ACM Digital Library - 61
Bound Volumes – 14,154	E- Journals ASCE - 35
	E- Journals ASME – 29
	E- Journals Oxford University Press – 262
	E- Journals JSTOR – 2500
	E- Journals Nature – 01
	E- Journals EPW - 01
	E- Journals IEL (Level II)– 465
	E- Journals Springer – 1400+

(Total Standard & Databases - 4)

ASTM Standard
ISID
Jgate+JCCC
Web of Science

Special Facilities

Learning Material Software – SWEBOK
Anti Plagiarism Software – Turnitin

Standards

Indian Standards – 8,759

(Total Indian & Foreign Standards – 9,096)

Society Standards – 337

Non-Book Material

CDs & Floppy's -1378
Audio / Video Material – 730

(Total Non Book Material – 2,406)

Audio Visual Material - 298

19.2 Expenditure during the year (1st April 2015 to 31st March 2016)

Sr. No.	Grants	Amount Allocation	Amount Spent	Volumes added
1	General Books & Maps	----	9,843.00	20
2	Books ISEAP - II	1.00 Lac	99,881.33	24
3	Periodicals & News Papers	-----	1,33,67,638.00	5270

19.3 Details of electronics resources available through E-ShodhSindhu

ACM Digital Library, ASCE Journals, ASME Journals, Oxford University Press, JSTOR, Nature, EPW, IEL Online, Springer Verlag's Link and databases ASTM Standard, Web of Science, ISID, Jgate + JCCC.

19.4 Any Other Information not covered above

Highlights:

1. Web Based Library Information is available at URL <http://192.168.15.27001>
2. Special facility SWEBOK learning material is available at following IP addresses
210.212.165.224 - 210.212.165.255
14.139.125.67 - 14.139.125.78
122.15.201.2 - 122.15.201.30
3. The E-resources are also available through our www.vnit.ac.in web sites-
Library-Electronic resources during this year of report.
4. Xerox copies services of Research Papers/ Periodicals Article
5. The NPTEL are also made accessible through www.vnit.ac.in web sites.
6. The emerging technology called RFID has been in its functioning mode from June 2011. The most advantage of this technology is to find out the misplacement of books. 'N' Numbers of books can be transacted within seconds thus avoiding long queue near Circulation Counter with the help of INFORMATION KIOSK. The circulation can be done outside working hours with the help of INFORMATION KIOSK.
7. The CCTV Technology is implemented in LIRC. The advantage of this technology is to detect theft, misplacement of Books and the suspicious movement of clientele.

Regular Services:

- Circulation
- CAS
- SDI
- OPAC
- Reference
- Serials Reading
- Photocopying
- Reading Material Searching & Retrieval
- Book-Bank & SWBB, Internet Access
- On Line Full Text/Images Article Retrieval through E-ShodhSindhu

Special Services Provided On Demand:

- Technical Enquiry Service
- Anti Plagiarism Software – Turnitin
- Industries Institute Interaction
- Frequently Asked Question, Referral Services



Other Facilities

20. OTHER FACILITIES

20.1 Hostel

a) **No. of Hostels** : 11 (4 for Girls, after utilizing 3 boys hostel for girls in 2015-16)

Capacity :

Single Seated - Capacity to accommodate 1644 students (1644 rooms For Boys)

- Capacity to accommodate 336 students (336 rooms for girls)

Double Seated - Capacity to accommodate 272 (136 rooms for girls)

Tripple Seated - Capacity to accommodate 198 students (66 rooms for girls)

Four Seated - Capacity to accommodate 1260 students (315 rooms For Boys)

c) Transit Accommodation - 48 Students

20.2 Total Number of Quarters : a) Type I (Class IV) -28

b) Type II (Class III) -33

c) Type III (Asth. Lect)- 08

d) Type IV (Lecturer) -42

e) Type V (Ass. Prof.) -18

f) Type VI (Prof.) -21

20.3 Total No. of Classrooms & their capacity: a) Class rooms : 100 capacity - 14

: 60 capacity - 28

: 50 capacity - 04

: 40 capacity - 13

: 30 capacity - 13

Total = 72

20.4 Number of Playgrounds : 10

20.5 Number of Gymnasium : 02

20.6 Number of Auditorium : 01

20.7 No. of Seminar Halls/ Conference Halls: 08

20.8 Any other Facilities available in the Campus : Medical centre, Shopping centre, Banks, ATMs, Post office, Canteen, Recreation clubs.

VNIT STUDENTS TEACHING AT SLUM AREA



JOY OF GIVING SOCIAL INTERACTION PROGRAMS



**EXCHANGE OF MOU SIGNED WITH SIPRA ENGINEERS PVT. LTD.
DURING VISITORS CONFERENCE 2015 AT RASHTRAPATI BHAVAN**

4 November, 2015



**DR. NARENDRA S CHAUDHARI, DIRECTOR
IN FRANCE/ GERMANY/ NETHERLANDS**

world class universities provide exposure to good practices FICCI HE Delegation

June 19-29, 2015



VISIT OF DR. NARENDRA S CHAUDHARI, DIRECTOR TO BELARUS AND SWEDEN

Academic Delegation with Hon. President of India

Shri Pranab Mukherjee during

31st May to 4th June, 2015



VISIT OF MS. JESSICA LEE, EDUCATION SPECIALIST, WORLD BANK, USA

5th August, 2015

**(The purpose of this visit is to conduct Case Studies on the
'Improving transition rates of students from 1st year to 2nd year
and Governance practices in CFIs')**



INSTITUTE COLLABORATION WITH NAGPUR METRO

Nagpur Metro ties up with VNIT, to recruit students too

Pact For Tech Collaboration; Over 1k Jobs To Be Created

Vaibhav.Ganjapure
@timesgroup.com

Nagpur: Students from Vidarbha have reason to cheer, as the ambitious Nagpur metro railway project has started recruitment. In the first phase, Nagpur Metro Rail Corporation Limited (NMRCL), the special purpose vehicle established to oversee the project, has tied up with Visvesvaraya National Institute of Technology (VNIT).

Nagpur Metro would be picking up 10-15 fresh graduates from various branches like civil, structural, electri-

cal, mechanical and computer science among others.

► **Package of ₹5 lakh, P 3**

JOBS ON ELEVATED TRACK

NAGPUR METRO JOINS HANDS WITH VNIT

► Technical collaboration in areas like civil construction, structural design, electrical installation and testing, solar PV installations, signalling and communication systems, excavation engineering and architectural planning

WHAT VNIT OFFERS

► Testing facilities & training for Nagpur Metro employees
► Analysis of metro's structural drawings testing of materials

RECRUITMENT BEGINS

► NMRCL conducts campus interviews of VNIT students
► They would be recruiting 10-15 students
► Starting yearly package would be ₹5 lakh

FUTURE REQUIREMENTS

► Over a thousand engineering graduates

**INAUGURATION OF NEW HOSTEL BY HONORABLE MINISTER
SMT. SMRITI ZUBIN IRANI, MINISTRY OF
HUMAN RESOURCE DEVELOPMENT**





Notable Achievements

21. NOTABLE ACHIEVEMENTS

21.1 Institute Achievements

- Institute has Been ranked third amongst all thirty one NIT's by National Institutional Ranking Framework (NIRF), MHRD, GOI.
- Institute has been following ranked in various ranking surveys 2015:
 - i. 11th Best Engineering Institute in i3RC Times Engineering survey (First amongst all NITs).
 - ii. 2nd in Western India and 14th Top Engineering College in India as per EDU-RAND rank (First amongst all NITs).
 - iii. 3rd in Western India and 25th Top Engineering College in India as per digitalLEARNING India.
 - iv. 27th Top Engineering College in India as per Outlook magazine.
- VNIT Director Dr. Narendra Chaudhari was a part of academic delegation with Hon. President of India Shri Pranab Mukherjee during his excellencies visit to Belarus and Sweden during 31st May to 4th June, 2015.
- Director, VNIT also visited France, Germany and Netherland as a part of FICCI Higher Education delegation during 21st -27th June, 2015.
- VNIT received award for the 9th edition of the Hindi magazine “Rajbhasha Prerna” and for the implementation of hindi in official work by Nagar Rajbhasha Karyanvayan Samiti (NARAKAS) on 26th February, 2015.
- Mrs. Bharati Khadsinghe and Dr. Yeshwant Katpatal received 1st and 3rd prize respectively for poem recitation competition and Mrs. Bharati Polke received prize during training program conducted by NARAKAS.
- VNIT was the proud recipient of “Rajbhasha Shield” for the implementation of hindi in official work at Akhil Bhartiya Rajbhasha Sangoshthi held at NIT, Surat during 14-15 May, 2015.
- Vincent Shantha Kumar Ph. D. student from the Metallurgical and Materials Engineering Department selected for 'NITS Scholars In-Residence Programme' at Rashtrapati Bhavan, on 11-17 April, 2015.
- Four VNIT students received O.P. Jindal Scholarship (Bank Cheques of Rs. 80, 000 for each Engineering Students & Certificates) on October 2015. These scholarships are aimed at promoting academic and leadership excellence and are awarded to meritorious students and have the potential to become leaders in entrepreneurial excellence and innovation.
 1. Srujana Bhaskarabhatta
 2. Suyash Nilawar
 3. Anoushka Banavar
 4. Aishwarya Nale
- VNIT students scored high All India Rank in GATE 2015 exam.
 1. Sriyay Parag Deshpande of B.Tech. Final year Computer Science and Engineering has scored 12th All India Rank in GATE 2015 exam.

EXTRA CURRICULAR & AAROHI - 2016



2. Swapnil Kakde of B.Tech Computer Science and Engineering 2014 pass-out batch has scored 83rd All India Rank in GATE 2015 exam.
- Mr. Idris Manqibwala, student of Civil Engineering selected for MITACS prestigious program to work at Dalhousie University, Halifax (4th May 2015 to 15th July 2015).
 - Mr. Mayur Andurkar, student of Mechanical Engineering Department received DAAD fellowship.
 - Mr. Ajay Damodkar, B. Tech. Electrical Engineering Department student spent one month internship at TUM Munich, Germany for working on sensor-less drives.
 - Prof. Atul Ballal, Assistant Professor, Department of Metallurgical & Materials Engineering received prestigious fellowship i.e. TR Anantharaman-Sir Dorabji Tata Faculty Fellowship. He visited & worked with Senior Professors of University of Colorado, USA during 11th January 2015 to 11th May 2015.
 - Prof. Mohan V. Aware, Professor, Electrical Engineering Department visited Munich, Germany on 04-05 September, 2015 for exploring possibility of further co-operation with TUM Munich, Germany.

21.2 Department wise Achievements

Applied Mechanics

- Started a new elective, titled “Elementary Introduction to Structural Dynamics and Earthquake engineering” for B Tech (Civil) students.

Architecture & Planning

- **V. S. Adane**
 - Elected as Chairman, Maharashtra Regional Chapter, Institute of Town Planners, India (ITPI), New Delhi.
 - Member of National Academic Assessment Council (NAAC), GoI for evaluation of Universities.
 - Selected member of Council of Architecture (CoA) Inspection Committee.
 - Selected member of Inspection Committee (Engineering) of AICTE.
 - Expert member of Selection Committee at RTMNU, Nagpur.
 - Expert member of Selection Committee at SGBAU, Amravati.
 - Invited member of Board of Studies at SGBAU, Amravati.
 - Expert member of Selection Committee of State Public Service Commission.
 - Invited as Subject Expert for PhD Defence, RTMNU, Nagpur
 - Expert member for PG students Exam at SUNIT Surat
 - Expert examiner for PG Thesis at SPA Vijaywada.
- **V.S. Kapse**
 - Member of Academic Council, School of Planning and Architecture, Vijayawada.

- Member of Building and Work Committee, North Maharashtra University, Jalgaon.
- Member of National Board of Architectural Education, Indian Institute of Architects, Mumbai.
- National Council Member of Institute of Town Planners, India, New Delhi.
- Member of National Board of Planning Education, Institute of Town Planners, India, New Delhi.
- Member of National Board of Examination, Institute of Town Planners, India, New Delhi.
- Member of National Education Standing Committee, Institute of Town Planners, India, New Delhi.
- Expert member of Standing Appellate Committee & Expert Visit Committee of AICTE.
- Expert member of Expert Visit Committee & Nominee for Staff Selection Committee of Council of Architecture.
- RTM, Nagpur University VC Nominee for Staff Selection Committee.
- **Sarika Bahadure**
 - External Examiner Seminar (X Semester) at Priyadarshini Institute of Architecture and Design Studies, Nagpur, Radhikatai Pandav Institute of Architecture, Nagpur, K.I.T.S. Ramtek, BDCOA Wardha
 - Architectural Design (III & IV Semester) at Institute of Design Education and Architectural Studies, Nagpur

Chemical Engineering

● Dr. Kailas L. Wasewar

Delivered Expert talks/ lectures:

- 'Intensification in Process Industry' on 6th April 2015 at Department of Chemical Engineering, Lakshmi Narain College of Technology (LNCT), Bhopal.
- 'Concept of Green Engineering & Reactive Separations in Process Industry' on 28th June 2015 in Short Term Training Programme on Environmental Challenges & Remedies (ECR-2015) 25 - 29 June 2015, NIT, Raipur, INDIA
- 'Reactive Separations in Process Industry' on 16th June 2015 at Environmental Management System Engineering Laboratory Department of Environmental Engineering Kyung Hee University, South Korea
- 'Components of Manuscript' on 8th October 2015 at Department of Chemical Engineering, PIET, Nagpur.
- 'Reactive Separation of Phenyl Acetic Acid' on 28th January 2016 Self Sponsored One Week Short Term Training Program On Recent Trends In Chemical & Biochemical Engineering 27th - 31st January 2016, Department of Chemical Engineering, VNIT Nagpur
- 'Drying of Food Materials' on 28th January 2016 Self Sponsored One Week Short Term Training Program On Recent Trends In Chemical & Biochemical Engineering 27th - 31st January 2016 Department of Chemical Engineering, VNIT Nagpur

- 'Intensification in Chemical Process Industry' on 29th January 2016 Self Sponsored One Week Short Term Training Program On Recent Trends In Chemical & Biochemical Engineering 27th - 31st January 2016 Department of Chemical Engineering, VNIT Nagpur
- 'Components of Research Paper' on 30th January 2016 Self Sponsored One Week Short Term Training Program On Recent Trends In Chemical & Biochemical Engineering 27th - 31st January 2016 Department of Chemical Engineering, VNIT Nagpur
- 'Case Studies of Process Intensification' on 30th January 2016 Self Sponsored One Week Short Term Training Program On Recent Trends In Chemical & Biochemical Engineering 27th - 31st January 2016 Department of Chemical Engineering, VNIT Nagpur
- 'Ionic Liquids for Desulfurization of Liquid Fuels' on 30th January 2016 Self Sponsored One Week Short Term Training Program On Recent Trends In Chemical & Biochemical Engineering 27th - 31st January 2016 Department of Chemical Engineering, VNIT Nagpur
- 'Neutralization and Utilization of Red Mud' on 30th January 2016 Self Sponsored One Week Short Term Training Program On Recent Trends In Chemical & Biochemical Engineering 27th - 31st January 2016 Department of Chemical Engineering, VNIT Nagpur
- 'Wastewater Treatment: An Overview' on 18th February 2016 in A Short Term Course on Advance Wastewater Treatment Technologies, 15 – 19 February 2016, Department of Chemical Engineering, NIT Raipur
- 'Components of Research Paper' on 27th February 2016 at Department of Chemical Engineering, MITS, Gwalior.
- 'Sustainability & Green Engineering' on 1st March 2016 in National Workshop on Waste to Wealth: Recent Trends & Advances in Development of Value Added Products from Waste, 1 – 2 March 2016, Department of Chemical Engineering, IES, IPS Academy, Indore'
- Components of Research Paper' on 1st March 2016 in National Workshop on Waste to Wealth: Recent Trends & Advances in Development of Value Added Products from Waste, 1 – 2 March 2016, Department of Chemical Engineering, IES, IPS Academy, Indore
- 'How to write Thesis & Research Paper' on 5th April 2016 at Department of Chemical Engineering, PIET, Nagpur.

● **Dr. Kailas L. Wasewar**

Member of Board of Studies :

- Department of Chemical Engineering, Ujjain College of Engineering, Ujjain
- Department of Chemical Engineering, MITS Gwalior
- Department of Chemical Engineering, IET, IPS Indore
- Department of Chemical Engineering, Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded Maharashtra
- Chief guest on 1st March 2016 for Inaugural Function of National Workshop on Waste to Wealth: Recent Trends & Advances in Development of Value Added Products from Waste, 1 – 2 March 2016, Department of Chemical Engineering, IES, IPS Academy, Indore

- Chaired the session on 28th February 2016 in National Conference REACT-2016 at LIT Nagpur

PhD Examiner at:

- NIT Raurkela
- ICT, NMU, Jalgaon
- SGB Amravati University
- BATU Lonere

• **Dr. Kailas L. Wasewar**

M.Tech. Examiner at:

- Department of Chemical Engineering, College of Engineering Ujjain, Ujjain
- Department of Chemical Engineering, NIT Raipur
- Department of Chemical Engineering, SGB Amravati University, Amravati
- Department of Chemical Engineering, College of Engineering and Technology, Akola
- Department of Chemical Engineering, Anuradha College of Engineering and Technology, Chikhali

• **Dr Sachin Mandavgane**

- Two National patents having no 272399 and 271794 are granted in year 2015-16
- Acted as a Secretary of Scientific Committee of DST organized India International Science Festival.
- Developed a new course based on design spine titled 'Innovate Design'.

• **Dr.A. S. Chaurasia**

- Judge for Evaluation Research Paper “31st M. P. Young Scientist Congress” Bhopal, India, February 28-29, 2016.

• **Dr. D. Z. Shende**

- Member of Board of Studies Department of Chemical Engineering Rajiv Gandhi Praudyogiki Vishwavidyalaya Bhopal

• **Dr. Ajit P. Rathod**

- Co-chair the session on 7th December 2015 in World Research Journals Conference (WRC-2015), Deira, Dubai (U.A.E)
- Judge Project/Paper presentation 11th March 2016 National conference on Advanced Technology-NIRMITI (NCOAT-NIRMITI-2016), Department of Chemical Engineering, PIET, Nagpur
- Enhancement of Esterification Reaction by Pervaporation Reactor' on 6th February 2016 Short Term Training Program(STTP) on Advanced Separation Processes 5th – 7th February 2016 Department of Chemical Engineering, NIT, Warangal
- 'Overview of Membrane Separation Technology' on 19th December 2016 Short Terms Training Program (STTP) on New Trends in Industrial Waste Disposal and Management” 17th-21st December 2015 Department of Chemical Engineering, SGGSJET, Nanded
- 'Pervaporation: Principles and Applications' on 30th March 2016 Department of Chemical Engineering, JDIET, Yavatmal

- **Dr. Ajit P. Rathod**
M.Tech. Examiner at:
 - Department of Chemical Engineering, NIT Raipur
 - Department of Chemical Engineering, LIT, Nagpur
 - Department of Chemical Engineering, PIET, Nagpur
- **Dr. S. S. Sonawane:**
 - BOS Member to ICTNMU Jalgaon
 - BOS interdisciplinary board of NMU Jalgaon
 - Faculty recruitment board Member on SGGS Nanded
 - AICTE Expert committee member
 - International Conference Chair in Dubai 2015
 - Won 1st prize for best research paper in international conference held in Dubai 2015
 - Delivered Expert Talk in ICTNMU, SGGS Nanded, NIT Warangal, JDIT Yavatmal, NIT Raipur, NIT Surat Etc.
- **Civil Engineering**
 - Dr. R. V. Ralegaonkar: 10th state level Energy Conservation Award (category individual), Maharashtra Energy Development Agency, Pune, 2016
- **Computer Science Engineering**
Department of Computer Science & Engineering has got 5 years accreditation for M.Tech. Computer Science & Engineering
- **Electronics & Communication Engineering**
 - Dr. Abhay Gandhi- Nation Builder Award by Rotary India Literacy Mission for valuable Contribution in Nation Building as a Teacher
 - Dr. Abhay Gandhi chaired a special session on Embedded Systems in Global Wireless Summit, 2015 at Hyderabad
 - Dr. Prabhat Sharma chaired a session (in Communication Track) and acted as a TPC member in NCC-2016 at IIT Guwahati
 - Dr. Prabhat Sharma acts as a reviewer of reputed IEEE Trans. on communication, IEEE Trans. Wireless Communication, IEEE Trans. on Vehicular Technology, IEEE Journal of selected areas in communications etc
- **Electrical & Electronics Engineering**
 - Prof. H.M.Suryawanshi was invited for RESCUES project meeting at Imperial College London and university of Exeter, UK during 14-18th March 2016
 - Ms. Srujana Bhaskarabhatta and Ms. Anoushka Banavar, students of II Year B. Tech. (EEE) received OPJEMS 2015 Scholarship. Coordinator from VNIT: P.S.Kulkarni
- **Humanities & Social Sciences**
- **Dr. M.Ghosal**
 - The Expert Member on Selection Committee at NIT, Raipur on 8th April, 2015
 - The Expert Member on Selection Committee at Hislop College, Nagpur on 8th October, 2015
 - Delivered the lecture on "Recent Practices in Performance Appraisal and Teaching organized by Department of Management Studies, GHRCE, Nagpur on 29th December, 2015

- **Applied Mathematics**

- Department of Mathematics in collaboration with Department of Computer Science Engineering has organized 81st Annual Conference of Indian Mathematical Society during December 27-30, 2015
- Department of Mathematics has organized invited talks by learned faculty members from IIT Kanpur, IIT Kharagpur, IIT Delhi and NIT, Warangal for students and faculty

- **Prof. G.P. Singh**

- Delivered an expert lecture on statistical Methods for engineers in the STTP on “Importance of Statistics & Design of Experiments in Engineering” organized by Department of Mechanical Engineering, Visvesvaraya National Institute of Technology, Nagpur during 18-22, Jan 2016. The talk is on 20th Jan 2016
- Delivered an invited talk on Relativistic Cosmology at Institute of Science, Nagpur on 6th February 2016.

- **Dr. P. P. Chakravarthy**

- Joint Organizing Secretary, IMS-2015 at VNIT Nagpur
- Given expert lectures (on numerical solution of ODEs and PDEs, Singular perturbation problems and singularly perturbed differential difference equations) in the STTP on “Modelling, Computing, Simulation in Science and Engineering” organized by me in Department of Mathematics, VNIT Nagpur during 06-10, July 2015
- Given expert lecture on 'Singularly perturbed differential difference equations' in the STTP on “Mathematical modeling & computational techniques” organized by Department of Mathematics, NIT Warangal during 07-11, December 2015
- Given expert lecture on 'Singularly perturbed delay differential equations' in the STTP on “Nonlinear Systems: Mathematical Modelling and Computer Simulations” organized by Department of Mathematics, NIT Raipur during 04-08, January 2016
- Given an invited talk on 'Exponentially fitted methods for singularly perturbed differential-difference equations' in the International conference on Mathematical Modeling, Differential equations, Scientific Computing & Applications held at Department of Mathematics and Statistics, IIT Kanpur during March 27-29, 2016
- Given video lectures via National Knowledge Network (www.vcr.nic.in) for the course MAL (101): Mathematics – I for B.Tech students
- Prepared lecture material for the course 'Numerical Solution of differential equations' and uploaded in the website
- Revised the syllabus of UG, PG (Engineering) and M.Sc. Mathematics during in November 2015

- **Dr. M. Devakar**

- Co-Chairperson, M.Sc Admissions – 2016 at VNIT Nagpur
- Member, Organizing Committee, IMS-2015 at VNIT Nagpur.
- Given video lectures via National Knowledge Network (www.vcr.nic.in) for the course MAL (102): Mathematics – II for B.Tech students.

- **Dr. Pallavi Mahale:**

- Treasurer, Organizing Committee, IMS-2015 at VNIT Nagpur

- **Dr. D.K. Patel**

- Dr. D.K. Patel has been awarded for NBHM Post Doctoral Fellowship.

Mechanical Engineering

- **Dr. Shital S. Chiddarwar**

- Participation in MATLAB Student Challenge 2015 and Secured Worldwide Third Position.

- **Guest Lectures delivered:**

- STTP Research Methodology VNIT Nagpur, Introduction of MATLAB, 3rd November 2015

- **Dr. R. V. Uddanwadiker**

- Research Project Titled Indigenously manufactured Nasal Implant won third Prize in Innovative Medical Device Expo at College of Engineering, Pune
- Design of Feeding Bottle for cleft palate patients won second Prize in competition organised by BETiC from rural development

- **Dr. D.B. Zodpe**

- Chairman for UG admission committee 2015

- **Dr. V.R. Kalamkar**

- Delivered expert lecture in STTP on Introduction to CFD and CFX solver at G. H. Raison College of engineering and management, Amravati during 15-20 June 2015
- Delivered expert lecture in STTP on Sustainable and Renewable energy for power generation at Anjuman COE, Nagpur on 28th October 2015
- Delivered expert lecture in STTP on Latest Trends in Mechanical Engineering at GNIT, Nagpur during 19-23 January 2016
- Delivered Keynote address in National conference on Advances in Mechanical Engineering at LNCT, Bhopal on 19th March 2016
- Delivered expert lecture in one day workshop on CFD for Thermal fluid system organized by GCOE Amravati on 22nd March 2016
- Delivered lecture in STTP on Applications of Advanced Research Tools used in Mechanical Engineering at PIET, Nagpur during 20-26 April 2016
- Expert for PhD progress seminar at G. H. Raison College of Engineering, Nagpur
- External examiner for MTech thesis at Government College of Engineering Amravati
- AICTE Member for Scrutiny committee (evaluating forms for starting new college)
- AICTE Member for Expert committee (visit to new colleges)
- AICTE Observer for CMAT 2015 examination

- **Dr. S. B. Thombre**

- **Lecture Organized**

- Storage In PV Systems, Prof. P. C. Ghosh, Energy Science and Engineering, IIT Bombay, 10 September 2015
- PV modules and its applications, Prof. G.N. Tiwari, Centre for Energy Studies, IIT Delhi, 09 Nov 2015

- **Lecture Delivered**

- Introduction to fuel cell systems, Two weeks ISTE approved STTP on Sustainable and Renewable energy for power generation- Economics, Financing and Environmental Concern, Anjuman College of Engg & Tech, Nagpur, 30 Oct 2015

- ii. Research Methodology, International Conference on Global Trends in Engineering, Technology & Management (ICGTETM), Jalgaon, 05 Jan 2016

- **Dr. TVK Gupta**

- Expert lecture on “Rapid Prototyping for Engineering and Medical Applications,” for Industry Personnel at Punjab Engineering College, Chandigarh, on 8th April, 2015
- Special lecture on “Reclamation technologies under Indigenization program” at 1, 3, 4 BRDs (Base Repair Depots) of Indian Air Force, Head Quarters, on 31st July at Kanpur, 1-2nd August at Chandigarh
- Discussion on new techniques for gear reclamation, at 7 BRD, New Delhi on 17th October, 2015
- Invited as External Examiner for M.Tech thesis evaluation at SGSITS, Indore on 10th December, 2015

- **Dr. A. B. Andhare**

- Nominated as Member-Expert Committee on Tracer Study under TEQIP II by NPIU New Delhi

Metallurgical & Materials Engineering

- Dr. A. A. Likhite received Best Paper Award given by The Institute of Indian Foundrymen for the year 2015
- Dr. R. K. Khatikar Selected for Indian National Academy of Engineering (INAE) Teachers Mentoring Program – 2015
- Best poster award. Rajesh K. Khatirkar and Amit Kumar, Orientation dependence of dislocation structure evolution during cold rolling of IF steel, International Conference on Electron Microscopy Society of India-2015, BARC-IIM Mumbai
- Dr. A.P. Patil was invited as subject expert for selection committee meeting (Metallurgical Engineering) at NIT Raipur on 1st April 2015
- Dr. A.P. Patil was invited as academic member for academic audit of Department of Metallurgical Engineering, NIT Raipur on 19th December 2015

Mining Engineering

- Dr. I. L. Muthreja was invited as Chief Guest by National Institute of Miner's Health, Nagpur on 25th February 2016 in valedictory function of National Workshop on "Risk Assessment of Occupational Exposure to Noise and Vibrations in Mines"
- Dr. I. L. Muthreja was invited by Director, Director, NIMH for selection committee of officers ○ Dr. I. L. Muthreja was appointed by AICTE as an expert member in Expert Committee for evaluation of Management Centre, University of Dibrugarh
- Dr. R. R. Yerpude visited University of New South Wales (UNSW), Sydney, Australia - Visited Dept of Mining Engg. and Dept. of Mechanical Engineering on 25th Aug. 2015 and had the discussions with faculty members.
- Dr. R. R. Yerpude visited to Nanyang Technological University (NTU), Singapore: Visited Dept. of Civil and Environment Engg. on 27th Aug. 2015 and had the discussions with faculty members. ○ Dr. R.R. Yerpude is working as an expert member in Board of Studies & Faculty, Mining Engg. of RTM Nagpur University and Gondwana University, Chandrapur
- Dr. R. R. Yerpude is working as a Registrar, VNIT, Nagpur since Dec 2013 and continuing till date

Applied Physics

Dr B R Sankapal

Highest Citation index & h-index upto March-2016

h-Index = 23 (SCOPUS) Citation Index > 1000

h-Index = 26 (Google Scholar) Citation Index > 1600



Audit Report 2015-16



सत्यमेव जयते

**INDIAN AUDIT & ACCOUNTS DEPARTMENT
OFFICE OF THE PRINCIPAL DIRECTOR OF
AUDIT (CENTRAL)**

C-25, AUDIT BHAVAN, BEHIND INCOME TAX BLDG,
BANDRA KURLA COMPLEX, BANDRA(E),
MUMBAI 400 051.

Telephone: (022) 2657 2951 (Direct)

EPABX : 2657 1750/41/42/36 ; FAX: 657 2951 / 657 2451

No. PDA(C)/MUM./C&AB/SAR/2015-16/ VNIT/

Date:

To,
The Secretary to the Government of India,
Ministry of Human Resource Development,
Department of Secondary Education & Higher Education,
Shastri Bhavan,
New Delhi 110 001.

Sub: Separate Audit Report on the accounts of Visvesvaraya National Institute of Technology, Nagpur for the year 2015-16.

Sir,

Please find enclosed the Separate Audit Report on the accounts of Visvesvaraya National Institute of Technology, Nagpur for the year ended 31 March 2016 along with the following documents for being laid on the Table of both the Houses of Parliament.

- (i) Statement of Accounts
 - (ii) Audit Report-cum-Audit Certificate in English along with Annexure.
2. Copies of the documents as presented to the Parliament may please be forwarded to this office with an intimation regarding the date of their presentation to both the Houses of Parliament.
 3. Please acknowledge the receipt.

Yours faithfully,
Sd/-

Dy. Director/C&AB

No. PDA(C)/MUM./C&AB/SAR/2015-16/ VNIT / 1040

Date: 2/12/16

Copy along with the Annual Accounts for the year ended 31 March 2016 together with Audit Certificate in English is forwarded to The Director, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur - 440 011 for information and necessary action. The date/s of presentation of the documents to the Parliament and a copy thereof may kindly be furnished to this office.

Dy. Director/C&AB

Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of the Visvesvaraya National Institute of Technology, Nagpur for the year ended 31 March 2016.

We have audited the attached Balance Sheet of the **Visvesvaraya National Institute of Technology, Nagpur** ('the Institute') as at 31st March 2016, the Income & Expenditure Account and Receipt & Payment Account for the year ended on that date under Section 19(2) of the Comptroller and Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 22 (2) of the National Institutes of Technology Act, 2012. These financial statements are the responsibility of the Institute. 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 the financial transactions with regard to compliance with the Law, Rules and 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, evidences supporting the amounts and disclosure 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, the Income & Expenditure Account and the Receipt & Payment Account dealt with by this report have been drawn up in the format prescribed by the Ministry of Human Resource Development, Government of India vide order No 29-4/2012-IFD dated 17 April 2015 but not strictly adhered to the new format as commented in Para D.5.

iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Institute as required under Section 22(2) of the National Institutes of

Technology Act, 2012 in so far as it appears from our examination of such books.

iv. We further report that:

A. Balance Sheet

A.1 Liabilities.

A.1.1 Current Liabilities and Provisions

(Schedule 3) Rs. 6327.90 lakh.

As per the new format of Accounts prescribed for Central Higher Educational Institutions depreciation is a charge on Income & Expenditure Account and the surplus/deficit if any, is required to be added to/deducted from Corpus/Capital Fund. The Institute has not debited depreciation on fixed assets for the current year amounting to Rs.1402.41 lakh in Income & Expenditure Account. This has resulted in overstatement of Income over Expenditure by Rs. 1402.41 lakh and overstatement of Corpus by Rs. 1.47 lakhs to the extent of depreciation chargeable on Gymkhana assets and understatement of liability by Rs. 1400.84 lakh incorrectly depicted under Schedule 3(c) - Unutilized Grants on account of depreciation.

A.1.2 Understatement of liability on account of Service tax.

(Rs. 2.68 Crore)

The Institute has liability to pay Service Tax arrears amounting to Rs. 2.68 Crore including interest and penalty for the period from 2010-11 to 2015-16 for which no provisions were made in the Accounts. This has resulted in understatement of expenditure of Rs. 2.68 Crore with consequent understatement of liability to the same extent.

A.2 Assets

A.2.1 Fixed Assets (Sch- 4) Rs. 1402.41 lakh.

Depreciation on fixed assets was charged on Written Down Value (WDV) basis at the rates decided by the Institute instead of Straight Line Method prescribed for Central Higher Educational Institutions as per the Formats of Financial Statements.

A.2.2 Capital Work in Progress

(Schedule 4) (Rs.18979 lakh)

All the work in respect of Boys Hostel and Indoor Sports Centre were completed on 23.09.2014 and 23.12.14 respectively by CPWD and the buildings were put to use from the said dates.

As such the assets should have been capitalized during the year 2014-15. The cost of construction in respect of Boys Hostel and Indoor Stadium amounted to Rs. 577.05 and Rs. 513.26 lakh respectively. The Institute has capitalized both the assets during 2015-16 which resulted in overstatement of fixed asset by the amount of depreciation chargeable of Rs.43.17 lakh.

C. Receipt and Payment Account (Schedule-20)

C.1 Receipts (Rs. 20192.12 Lakh)

The Institute has not accounted interest of Rs. 41.43 lakh received on investments of R&D Funds (Canara Bank A/c No. 312401000001) in Receipt & Payment Account. The receipts of the Institute are thereby understated by Rs.41.43 lakh.

D. General Comments

1. The Institute was sanctioned grants amounting to Rs. 60.00 Crores under Non-Plan (Salary and General) and Rs. 63.96 Crores under Plan Grant for the year 2015-16. Though these grants were sanctioned for utilization of expenses for 2015-16 the Institute followed the procedure of adjusting excess expenditure incurred in previous year from the grants received for current year. An amount of Rs. 2.79 Crore under Non Plan Grant and Rs. 19.08 Crore under Plan Grant relating to expenditure of 2014-15 was adjusted from current year's

grant. The amount of deficit in current year's Non Plan Grant amounting to Rs. 57.78 Crore has been depicted in the Current Liability as a negative figure. This should have been shown as receivable from the Government if the terms and conditions of grant allowed it or there was commitment of Government of India in this regard. If not, it should be treated /adjusted from Internal Sources of the Institute.

2. The excess of Income over Expenditure of Rs. 4078.24 lakhs was not shown as an addition to Corpus as required under the New Format but reflected distinctly as a liability in the Balance Sheet.

3. There is a difference of Rs. 8.58 lakh in respect of DD Fund between bank deposits (Schedule 5) (Rs.648.64 lakhs) shown under DD Fund and the overall Fund liability which is Rs.639.5 lakh as per schedule 3 and Schedule 3(i). The figures have not been reconciled by the Institute.

4. As per the new format of accounts for Central Higher Educational Institutions (CHEIs), E- Journals are to be grouped under 'intangible assets' and depreciation at the rate of 40 percent is to be provided. The Institute has not quantified the value of e-journals and reflected the same under Schedule 4(C)

and provided depreciation though it is a commonly used intangible asset by the Technical Institutes.

5. The Institute had prepared the Annual Accounts for the year 2015-16 in Revised Formats approved by the Government of India, Ministry of Human Resource Development but not strictly adhered to the new Formats as detailed below:

i) Income from NBCC is depicted under Income from Investments instead of other income. Similarly the Receipts from Hostel should have been shown under Schedule 8 as Academic Receipts instead of Other Income.

ii) The Schedules prescribed have not been followed correctly by the Institute. Current Assets are reflected under Schedule 7 instead of Schedule 6 and Loans & Advances are reflected under Schedule 7 instead of Schedule 8.

iii) Schedule 9 Grant Subsidies is not drawn up in proper format as Opening and Closing Balances are not depicted therein.

iv) The Institute has not prepared Schedule 4A for Plan, 4B for Non-Plan, 4C for intangible asset, 4C (i) for Patents and Copyrights, 4D Others wherein details of addition of assets gifted, sponsored projects, own funds, earmarked funds etc are detailed.

6. No provision for retirement benefits on the basis of Actuarial Valuation as prescribed in Accounting Standard-15 were made by Institute

E. Grants-in-aid

Out of Plan Grants of Rs. 63.96 Crores received during the year (including carried forward balance of (-) Rs.19.08 Crore from previous year) the Institute expended Rs.58.07 Crore which resulted in excess expenditure of Rs. 13.19 Crore to be adjusted against grants in aid receivable during the next financial year.


Similarly out of Non-Plan grants of Rs. 60.00 Crores received during the year (including carried forward balance of (-) Rs. 2.79 Crore the Institute utilized the whole amount and incurred excess expenditure of Rs. 13.03 Crore to be adjusted against grants in aid receivable during the next financial year.

- v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet and Income & Expenditure Account/Receipt & Payment Account 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 the 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 Visvesvaraya National Institute of Technology, Nagpur as at 31 March 2016; and
- (b) In so far as it relates to Income & Expenditure Account of the surplus for the year ended on that date.

**For and on behalf of the
Comptroller and Auditor General of India,**

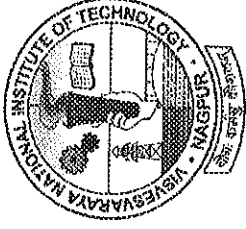

Principal Director of Audit(C), Mumbai

**Place: Mumbai
Date: 02/12/2016**

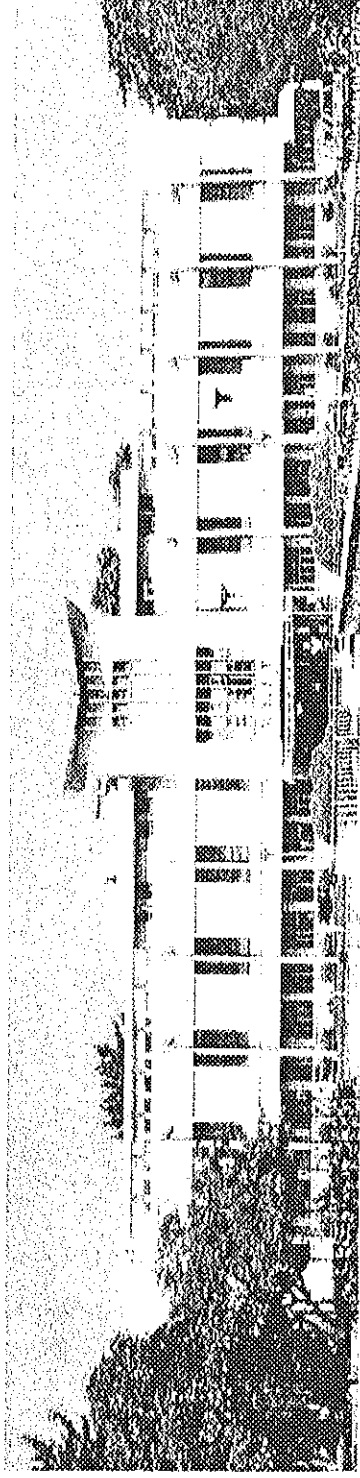
Annexure

1.	Adequacy of Internal Audit System The Institute has an Internal Audit Cell. The Internal Audit Manual has not yet been prepared by the Institute.
2	Adequacy of Internal Control System The internal control system is inadequate and needs to be strengthened in the light of the audit comments incorporated in the Report.
3	Physical verification of Assets Physical verification of assets has been conducted by the Institute. VNIT maintaining details of all assets through dead stock register in individual departments and particulars of assets procured with full details are available in department register but centralized details of individual assets are not maintained
4	System of physical verification of Inventory Physical verification of stores and stock has been conducted by the Institute
5	Regularity in payment of statutory dues The Institute is liable to pay Service Tax demand including interest amounting to Rs.2.68 crore for the year from 2010-11 to 2015-16.


Principal Director of Audit(C)



VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,
NAGPUR – 440010 (INDIA)
(SIXTH DECADE OF EXCELLANCE)



ANNUAL ACCOUNTS
2015 - 2016

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
BALANCE SHEET AS AT 31 MARCH 2016

(Rs. In Lakhs)

SOURCES OF FUNDS	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1	34286.31	14171.81
DESIGNATED/ EARMARKED / ENDOWMENT FUNDS	2	2626.25	2157.22
CURRENT LIABILITIES & PROVISIONS	3	6327.90	22376.72
Sub. Total		43240.46	38705.75
SURPLUS FROM P & L/A/C.		4078.22	
TOTAL		47318.68	
APPLICATION OF FUNDS	Schedule		
FIXED ASSETS	4	18979.03	
Tangible Assets		13922.54	13502.36
Intangible Assets		77.71	79.74
Capital Works-In-Progress		4978.78	2581.29
DEPOSITS MADE AGAINST EARMARKED / ENDOWMENT FUNDS			
Long Term			
Short Term	5	20920.13	13069.04
CURRENT ASSETS	6	1542.80	3688.96
LOANS, ADVANCES & DEPOSITS	7	5876.72	5784.36
TOTAL		47318.68	38705.75

NAGPUR
Date: 07.06.2016

REGISTRAR

DEAN (P&D)

DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
INCOME AND EXPENDITURE FOR THE YEAR ENDED 31st MARCH 2016

Particulars	Schedule	Current Year	Previous Year
INCOME			
Academic Receipts	8	3056.44	2536.51
Grants / Subsidies	9	8614.82	7580.71
Interest earned	10	565.83	133.30
Other Income [including DD Fund]	11	623.73	618.07
Prior Period Income	12	-	1.17
TOTAL (A)		12860.82	10869.76
EXPENDITURE			
Staff Payments & Benefits (Establishment expenses)	13	6121.44	5839.60
Academic Expenses	14	1741.92	946.00
Administrative and General Expenses	15	477.37	557.34
Repairs & Maintenance	16	274.07	181.08
Other Expenses	17	167.80	178.20
Prior Period Expenses	18	-	56.68
TOTAL (B)		8782.60	7758.90
Balance being excess of Income over Expenditure (A-B)		4078.22	3110.86
Transfer to Corpus Fund		-	2536.51
Balance Being Surplus Carried to Capital Fund		4078.22	574.35

Cash Flow

Significant Accounting Policies

Contingent Liabilities and Notes to Accounts

NAGPUR

Date: 07.06.2016


REGISTRAR


DEAN (P&D)


DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

SCHEDULE - 1 CORPUS/CAPITAL FUND

Particulars	(Rs. In Lakhs)	
	Current Year	Previous Year
Balance at the beginning of the year:		
Corpus	11336.24	8015.13
General Fund	2835.57	2250.12
Total (A)	14171.81	10265.25
Add: Contributions towards Corpus/Capital Fund		
Interest on FD Plan	150.86	84.39
Apportioned for HB Advance	2.73	2.37
Corpus fund (Institute)	0.00	2608.92
Interest on FD (Corpus)	986.34	625.43
Reserve Fund General	0.00	11.10
PLAN GRANT LIABILITIES	18974.57	0.00
Total (B)	20114.50	3332.21
Add: Other Additions		
Add: Trasfer from Income & Expenditure Account [C]	-	574.35
Balance at the year end (A+B+C)	34286.31	14171.81

NAGPUR

Date: 07.06.2016

[Signature]
 REGISTRAR

[Signature]
 DEAN (P&D)

[Signature]
 DIRECTOR

VISHVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016
SCHEDULE 2 (i)- DESIGNATED/ EARMARKED / ENDOWMENT FUNDS

Particulars	Fund wise Breakup						(Rs. In Lakhs)	
	Depreciation Fund	Maintenance Fund	Staff fund	DD fund	Gymkhana Fund	GPF Fund	Current Year	Previous Year
A.								
a) Opening balance	48.14	50.37	136.06	102.23	23.26	1672.70	2032.76	1774.51
b) Additions during the year							0.00	
c) Income from investments made of the funds	4.96	5.28	14.65	0.00	3.08	287.98	315.95	
d) Accrued Interest on investments/Advances							0.00	162.76
e) Interest on Savings Bank a/c							0.00	
f) Other additions								
Total (A)	53.10	55.65	150.71	165.26	47.37	332.51	442.91	406.93
B. Utilisation towards objectives of funds							2791.62	2344.20
i) Capital Expenditure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ii) Revenue Expenditure	0.00	0.00	0.00	56.45	29.56	253.00	339.01	311.43
Total (B)	0.00	0.00	0.00	56.45	29.56	253.00	339.01	311.43
Closing balance at the year end (A - B)	53.10	55.65	150.71	108.81	44.15	2040.19	2452.61	2032.77
Represented by								
Cash And Bank Balances	0.83	1.30	0.52	41.29	5.37	0.83	50.14	178.14
Investments	50.80	53.61	147.04	648.64	8.07	1906.49	2814.65	1943.65
Interest accrued but not due							0.00	
Total	51.63	54.91	147.56	689.93	13.44	1907.32	2864.79	2121.79

Note : - Separate investments are made in bank deposits against respective designated/ Earmarked/Endowment funds. However, exercise for reconciling fund balances with respective deposit amounts could not been taken up as separate bank accounts are not existing for each fund.

In respect of GPF fund separate Financial Statements are prepared from that of Institute.

NAGPUR

Date: 07.06.2016

[Signature]
REGISTRAR

[Signature]
DEAN (P&D)

[Signature]
DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016
SCHEDULE 2(ii) - DESIGNATED/ EARMARKED / ENDOWMENT FUNDS

(Rs. In Lakhs)						
Particulars	Other Fund	STUDENT AID FUND	HOSTEL WELFARE FUND	INSURANCE COVERAGE TO STUDENTS	Current Year	Previous Year
A.						
a) Opening balance	6.34	6.61	11.17	73.40	97.52	44.58
b) Additions during the year					0.00	0.00
c) Income from investments made of the funds		2.11			2.11	73.26
d) Accrued Interest on investments/Advances					0.00	0.00
e) Interest on Savings Bank a/c					0.00	0.00
f) Other additions (Specify nature)	9.84	0.79	10.25	46.26	67.14	67.14
Total (A)	16.18	9.51	21.42	119.66	166.77	117.84
B. Utilisation/Expenditure towards objectives of funds						
i) Capital Expenditure		0.00	0.00	0.00	0.00	0.00
ii) Revenue Expenditure	1.59	0.40	0.70	19.15	21.84	20.32
Total (B)	1.59	0.40	0.70	19.15	21.84	20.32
Closing balance at the year end (A - B)	14.59	9.11	20.72	100.51	144.93	97.52
Represented by						
Cash And Bank Balances						
Investments						
Interest accrued but not due						
Total						

NAGPUR

Date: 07.06.2016

[Signature]
REGISTRAR

[Signature]
DEAN (P&D)

[Signature]
DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

SCHEDULE - 2(A) ENDOWMENT FUNDS

Specimen format of Sub Schedule to support the figures in the column "Endowment Funds" in the Schedule "Earmarked / Endowment Funds", forming part of the Balance Sheet.

1.Sr. No.	2. Name of the Endowment	Opening Balance As on 01-04-2015				Additions during the Year			Total	Expenditure on the object during the year	Closing Balance on 31-03-2016		(Rs.In Lakhs)	
		3. Endowment	4. Accumulated Interest	5. Endowment	6. Interest	7. Endowment (3+5)	8. Accumulated Interest (4+6)	9. Endowment			10. Endowment	11. Accumulated Interest	As	Total
1	Prize Fund	22.62		2.00	2.59	24.63	2.59	3.57	25.12	9.00	21.06	2.59	23.65	
2	Award Fund	5.06	0.00			5.06			5.06		5.06	0.00	5.06	
	Total	27.68	0.00	2.00	2.59	29.69	2.59	3.57	30.26	3.57	26.12	2.59	28.71	

NAGPUR

Date: 07.06.2016

[Signature]
REGISTRAR

[Signature]
DEAN (P&D)

[Signature]
DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

SCHEDULE 3- CURRENT LIABILITIES & PROVISIONS		(Rs. In Lakhs)	
	Current Year	Previous Year	
A. CURRENT LIABILITIES			
1. Sundry Creditors			
a) For Goods & Services			
Super Constructions (SD)	1.32	1.32	1.32
Unity Security Services	0.00	1.85	1.85
b) Others			
2. Deposit-Others (including EMD, Security Deposit)	242.47	264.32	264.32
3. Statutory Liabilities (Including TDS):			
a) Overdue	35.42	35.38	35.38
b) Others	279.21	302.87	302.87
Subtotal			
4. Other Current Liabilities			
Salaries Payable	396.39	354.86	354.86
D D Fund			
Consultancy Deposits	439.86	76.80	76.80
Consumables Deposits	8.01	1.87	1.87
Field Man For WTP [V. A. Mhaisalkar]	0.03	0.03	0.03
Report Writing Deposits	6.91	5.44	5.44
Testing Deposits	76.44	51.44	51.44
Subtotal	531.25	135.58	135.58
Total	1206.85	793.31	793.31

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Date: 07.06.2016.

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DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

SCHEDULE 3- CURRENT LIABILITIES & PROVISIONS

(Rs.In Lakhs)		
Institute	Current Year	Previous Year
Nal Conf.On Green Chemistry & Engg	0.32	0.32
AIEEE 2011	0.00	1.32
Comad 2010	0.00	0.16
EFIP Book Grants	0.00	0.04
Green Build Design Concept & Application	0.56	0.46
JEE 2012 Vnit Centre	0.00	0.06
Lapsed Deposit	13.34	13.89
R & D	-0.09	-0.10
Refundable Excess Receipts	23.62	18.22
Spectris Tech. Pvt. Ltd. (TEQIP)	6.18	6.18
Education Loan	0.23	0.98
Unclassified Deposits	76.66	26.54
CSAB 2013	10.34	9.25
CCMT (M. Tech Admission)	29.30	29.30
Deposit For Industry Inst. Interaction	0.06	0.06
G A Bhalave	0.00	0.00
A D Pofale	0.00	0.00
Stale Cheque	1.77	0.07
Fees Received In Advance	203.15	221.81
Subtotal	365.44	328.56
WORKSHOP	18.19	9.41
Total	383.63	337.97

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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

SCHEDULE 3- CURRENT LIABILITIES & PROVISIONS		(Rs. In Lakhs)	
	Current Year	Previous Year	
Hostel Electricity Deposit	0.02	0.02	
Deposit For Breakages	17.49	8.87	
Hostel Water Deposit	0.00	0.00	
Mess Deposit / Expenditure	235.16	323.70	
Hostel Room Rent Deposit	0.00	0.00	
NRRDA R K Ingle	2.98	3.38	
Non Plan Grant (31 General)	4474.95	3277.16	
Non Plan Grant (36 Salaries)	-5777.91	-3556.45	
Deposits	248.88	93.37	
Subtotal	-798.43	150.05	
5. Others			
Short Term Course Is-800-2007	0.06	0.06	
Train.Course On Earthquake Analysis	0.97	0.97	
Miscellaneous Receipt (Ddf)	0.04	0.02	
Visit Charges Deposits	7.16	5.66	
Unclassified Deposits (Ddf)	12.70	12.59	
Subtotal	20.93	19.30	
Service tax			
Service tax Deposit	34.07	0.44	
Service tax Payable	0.00	0.00	
Subtotal	34.07	0.44	
Total	-743.43	169.79	

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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

SCHEDULE 3- CURRENT LIABILITIES & PROVISIONS

		(Rs.In Lakhs)	
	Current Year	Previous Year	
R & D Liabilities			
Provision	5.34	0.83	
Institute Liability	2.01	51.90	
Security Deposit	0.50	0.50	
Stale Cheque	0.00	0.31	
R & D Interest & Others	79.14	37.71	
Unclassified Deposits	100.72	2.63	
Other Additional amount	112.27		
Subtotal	299.98	93.88	
Total (A)	1147.03	1394.95	
B) Provisions :			
6. Others :			
Expense payable	182.90	266.24	
Stipend (Payable)	0.00	28.90	
Suman Construction Payable	0.00	0.90	
ICCR SCHOLARSHIP	17.97	17.97	
Scholarship	114.15	184.41	
CPHEEO Grant	-1.27	-0.03	
Shree Balaji Industries(SD)	2.38	2.38	
S J Prasad	0.00	0.10	
Other Additional amount	119.70		
Subtotal	435.83	500.87	
Total (A+ B)	1582.86	1895.83	

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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY :: NAGPUR
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31-03-2106

Schedule - 3(A)

Rs. In Lakhs

Sr. No.	Name of the Project	Opening Balance		Receipts/Reco veries during the year	Total	Expenditure during the year	Closing Balance	
		3. Credit	4. Debit				8. Credit	9. Debit
1	2			5	6	7		
	6.02 WCL	0.36			0.36		0.36	
	6.03 ADV. ENGG. TECH. (PMP)	0.23			0.23		0.23	
	6.04 SMDP (RMP)		0.55		-0.55			0.55
	6.08 WCL WIND (ILM)	0.96			0.96		0.96	
	6.100 MOM/DDA (RKK)			6.00	6.00		6.00	
	6.101 IRDR/SER (SMD)			8.06	8.06	0.25	7.81	
	6.11 MJP (RG)	1.20			1.20		1.20	
	6.12 KVIC (DRP)	14.30			14.30	8.24	6.06	
	6.14 MCIT (RMP)		12.98		-12.98			12.98
	6.18 FIST-I (PMP)	1.78			1.78		1.77	
	6.19 BRNS (MVA)		0.99	10.20	9.21	5.62	3.58	
	6.21 FIST-III (HMS/VBB)		4.89		-4.89			4.89
	6.24 (TICE) (RGSTC) (RMP)	23.41		87.60	111.01	76.59	34.42	
	6.27 (DST) (RVR)		1.07		-1.07			1.07
	6.28 (DSDPTDESR) (MRD) (RKI)	0.62			0.62		0.62	
	6.29 B.C.B.SYS. (RKI)	0.76			0.76		0.76	
	6.31 NAAQM (VAM)	3.07			3.07	2.62	0.45	
	6.32 NAMP(MPCB) (VAM)	8.46		7.05	15.51	5.39	10.13	
	6.33 SAMP (MPCB) (VAM)	14.95		7.05	22.00	3.84	18.16	
	6.37 NEW MEMS (NPMASST)(RMP)	0.65			0.65	4.13		3.47
	6.38 DCALCEI (DST) (AL)	0.00			0.00		0.00	
	6.39 INF. OF NORM. TEMP. STEEL (BRNS) (DRP)		4.85		-4.85	0.24		5.09
	6.40 T&F STUDY (MOIL) (ILM)	12.34			12.34	0.66	11.69	
	Subtotal (A)	83.11	25.34	125.96	183.73	107.58	104.21	28.06

Date: 07.06.2016
Nagpur

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Sr. No.	Name of the Project	Opening Balance		Receipts/Reco veries during the year	Total	Expenditure during the year	Closing Balance	
		3. Credit	4. Debit				8. Credit	9. Debit
1	2			5	6	7		
	6.41 (UGC-DAE) (ARB)	0.29			0.29	0.16	0.13	
	6.42 CPG92SPT (UGC-DAE) (DRP)		1.36	1.15	-0.21			0.21
	6.43 FELLOWSHIP (MPCB) (VAM)	61.81			61.81	27.15	34.66	
	6.44 D&DPASM (BRNS) (RMIP)		1.33		-1.33	0.70		2.03
	6.45 ACECOST-III (AR&DB) (DRP)	21.96			21.96	7.47	14.49	
	6.46 RNCRHA (AR&DB) (SAM)		1.94		-1.94	1.56		3.50
	6.47 OMIMSSPDC (MINM) (RKI)	1.84			1.84		1.84	
	6.48 PSDDPSAQ (DST) (SKG)	1.61			1.61	1.77		0.16
	6.49 PSSDDR (CSIR) (SKG)		0.10	3.05	2.95	2.45	0.50	
	6.50 SIHF (BRNS) (KMB)	4.63		0.40	5.02	3.52	1.50	
	6.51 NBHM-DAE (PPC)		0.42	2.96	2.54	2.54	0.00	
	6.52 FSPBS (DST) (RVIM)	0.83			0.83	1.80		0.97
	6.53 DTMF (BRNS) (SAM)		0.65	8.33	7.68	6.96	- 0.72	
	6.54 AUSCU/SCTMA (R.KOTHARKAR)	3.82		0.18	4.00	7.69		3.68
	6.55 FAST TRACK/ ROBOT PROGRAMMING (S S C)	0.81		2.00	2.81	2.80	0.00	
	6.56 FAST TRACK/EHMC (RVU)	1.68		4.00	5.68	5.99		0.31
	6.57 (DST) INV. HETEROJUNCTION SOLAR CELLS (GHC)	3.30		4.00	7.30	4.80	2.50	
	6.58 BIOCATALYSIS SUSTAINABLE ORGANIC SYNTHESIS (URP)	7.91		6.00	13.91	10.06	3.85	
	6.59 CSIR FELLOWSHIP (GRANT)		1.10	5.61	4.51	4.79	0.00	0.78
	6.60 BRNS (VKD)	18.79			18.79	1.02	17.78	
	6.61 STI/APSPCAS (S.P.ZODAPE)	1.77		4.50	6.27	6.77	0.00	0.50
	6.62 CCARDA (U A DESHPANDE)	20.71			20.71	5.61	15.10	
	6.63 NSAEP (D.Z.SIENDE)	1.00		1.12	2.12	0.62	1.50	
	6.64 DDMAW/HUDCO (RVR)	4.21		9.80	14.01	10.69	3.32	
	6.65 FAST TRACK/DCNSA (S.S.SONAWANE)	6.67		2.00	8.67	7.22	1.45	
	6.66 DST/RCII (SAM)	24.71			24.71	29.98		5.27
	6.67 BETCI/RGSC (A.M.KUTHE)	122.50		93.23	215.73	191.00	24.73	
	6.68 ETSF (R.KUMAR/R.K.JINGLE)	0.45			0.45	0.25	0.20	
	6.69 SDPIN (B.R.SANKAPAL)	4.87		2.35	7.23	6.84	0.38	
	6.70 SCGS/SERB (R.S.GEDAM)	20.57		1.18	21.75	18.84	2.91	
	Subtotal (B)	336.72	6.90	151.87	481.69	371.04	127.57	16.92

Date: 07.06.2016
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Sr. No.	Name of the Project	Opening Balance		Receipts/Reco veries during the year	Total	Expenditure during the year	Closing Balance	
		3. Credit	4. Debit				8. Credit	9. Debit
1	2			5	6	7		
	6.72 SBUS/ SERB (A.MANDAL)	41.92			41.92	37.44	4.48	
	6.73 SERB/ESMU (R.KOTHARKAR)	8.15			8.15	9.69		1.54
	6.74 BEPL/ETP (SAM)	0.49		2.50	2.99	2.51	0.48	
	6.75 FAST TRACK/PLHC (VIJAYAKUMAR R.P.)	23.20			23.20	14.23	8.97	
	6.76 STEEL DEVELOPMENT FUND (S.U.PATHAK)	12.17		28.56	40.73	28.54	12.19	
	6.77 NMHCL (G.NAGA RAJU)	3.51			3.51	3.68		0.18
	6.79 DST/RESCUE (HMS)	24.54			24.54	23.31	1.23	
	6.80 MMHOZ (AVINASH VASUDEO)	0.25			0.25		0.25	
	6.81 Inv.CuZnSnSe 4(UGC-DAE) (GHC)	1.42		1.22	2.63	2.45	0.18	
	6.82 NBHM/ SFIM(M.DEVAKAR)	1.83		2.77	4.60	4.64		0.04
	6.84 ISEAP (SRS)			36.06	36.06	32.46	3.60	
	6.85RESEARCH PROJECT (D.Z.SHENDE)			2.00	2.00	1.76	0.24	
	6.86 DRDO/HTPB (L.K.WASEWAR)			4.00	4.00	3.18	0.82	
	6.87APRB (V.S.LANDGE)			3.00	3.00	0.18	2.82	
	6.88 SUB BASE STABILIZATIN (V.S.LANDGE)			2.28	2.28		2.28	
	6.89 DST/DEC (HMS)			37.20	37.20	23.66	13.54	
	6.90 FAST TRACK/SD (R.K.KHATIRKAR)			11.99	11.99	1.48	10.51	
	6.91 DBT/EFS (PBD)			14.82	14.82	10.13	4.69	
	6.92 SERB (S.S.UMARE)			27.00	27.00	1.19	25.81	
	6.93 SMDP-C2SD (RMP)			62.33	62.33	2.35	59.98	
	6.94 ECTIM (M.S.BALLAL/HMS)			1.74	1.74	1.03	0.71	
	6.95 NMCS/SERB (PRADIP ROUL)			4.00	4.00	0.73	3.27	
	6.96 IEI (KLW)			0.20	0.20	0.28		0.08
	6.97 LCF (ARB & DRP)			7.45	7.45	0.32	7.13	
	6.98 UGC-DAE (S.P.ZODAPE)			0.45	0.45	0.45		0.00
	6.99 HRT/DTB (MSB & HMS)			5.04	5.04	0.00	5.04	
	Subtotal (C)	134.17		254.61	388.78	219.10	171.52	1.84
	Total	554.01	32.24	532.43	1054.20	697.71	403.29	46.81

Date: 07.06.2016
Nagpur

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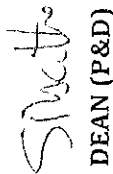
VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016
SCHEDULE-3(b) SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

1.Sr. no.	Name of Sponsor	Opening balance as on 01.04.15				Transactions during the year		Closing Balance as on 31.03.16	
		3.CREDIT	4.DEBIT	5.CREDIT	6.DEBIT	7.CREDIT	8.DEBIT	Amount in Lakhs	
1	MHRD - Govt. of India								
	GOI, MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT NEW DELHI/GOI								
	MINISTRY OF TRIBAL AFFAIRS, NEW DELHI		0	0	59.59	29.4	30.19	0.00	0.00
	GOI, MINISTRY OF TRIBAL AFFAIRS, NEW DELHI (NEW CENTRAL								
	SCHOLARSHIP FOR TOP CLASS EDUCATION FOR ST STUDENTS)	11.08		0	15.04	25.7	0.42	0.00	0.00
	Total	11.08		0	74.63	55.1	30.61	0	0
2	Others (Specify Individually)								
	PROJECT OFFICER INTEGRATED TRIBAL DEV PROJECT, NAGPUR	34.33		0	32.08	2.25	0.00	0.00	0.00
	SOCIAL WELFARE DISTRICT HYDERABAD KR FOR POST MATRIC								
	SCHOLARSHIP/JT. DIRECTOR.DY DIR(SW) RANGA REDDY DTST								
	HYDRABAD/WARANGAL A.P.	0		0	0.41	0.41	0.00	0.00	0.00
	THE COLLECTOR (ADIVASI VIKAS) CHHINWADAH	0.20		0	0	0	0.20	0.00	0.00
	ASSISTANT COMMISSIONER GOVT INDIA POST SSC SCHOLARSHIP	62.5		0	0.32	3.43	59.39	0.00	0.00
	UNCLASSIFIED INFORMATION	7.43		0	7.31	3.76	10.98	0.00	0.00
	CEP-STC IIT KHARA	0.22		0	0	0	0.22	0.00	0.00
	JILHA KALYAN KARYALAY BHOJPUR	0.44		0	0.58	0.58	0.44	0.00	0.00
	ARARIA SAMAHARNALAY	0.45		0	0	0	0.45	0.00	0.00
	SARAN SAMAHARNALAY CHHAPRA	0.50		0	0.00	0.00	0.50	0.00	0.00
	COLLECTOR OFFICE (ADIVASI VIKAS) BALAGHAT	0.12		0	0	0	0.12	0.00	0.00
	SAMAHARNALAYA PURVI CHANPARAN MOTIHARI,ZILLA KALYAN SHAKHA	0.45		0	0	0	0.45	0.00	0.00
	Sub.Total	106.64		0	8.62	40.26	75.00	0.00	0.00

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Date: 07.06.2016


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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016
SCHEDULE-3(b) SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

1. Sr. no.	Name of Sponsor	Amount in Lakhs			
		Opening balance as on 01.04.15	Transactions during the year	Closing Balance as on 31.03.16	
	MAULANA AZAD NATIONAL FELLOWSHIP	0.93	0	0	0.93
	OIL & NATURAL GAS CORPORATION	1.6	0	1.20	0.40
	DR. K.L.MEMORIAL CHARITABLE TRUST GOMTI NAGAR LUCKNOW UP	0	0.24	0.24	0.00
	COLLECTOR OFFICE (TRIBAL DEVELOPMENT) DIST RAIPUR	0.28	0	0	0.28
	KARYALAY COLLECTOR ADIWASI VIKAS SAKHA, BALOD, C.G.	0	0.49	0.25	0.24
	SPECIAL DISTRICT SOCIAL WELFARE OFFICER, NAGPUR	50.96	0	214.18	265.14
	RAJASHREE SHAHU MAHARAJ MERIT SCH. PUNE/SW MH STATE PUNE	0	0.88	0.88	0.00
	EDCIL (INDIA) LTD NOIDA FOR SPDC SCHOLARSHIP DELHI	12.69	0	14.33	20.73
	OFFICE OF TALUKA WELFARE, SEDAM KARNATAKA	0	0.29	0.29	0.00
	DIRECTOR OF TECH. EDUCATION, CHHATISGARH, DTE NAYA RAIPUR	0	0.40	0.40	0.00
	SOCIAL WELFARE OFFICER BHALKI KARNATAKA	0	0.45	0.45	0.00
	KHANDELWAL PROFESSIONAL ASSOCIATIONS MUMBAI	0	0.70	0.70	0.00
	DIRECTOR OF TECHNICAL EDUCATION, ITANAGAR, GOVT. OF ARUNACHAL PRADESH	0	0.11	0.11	0.00
	DY DIRECTOR/DIST. TRIBAL WELFARE OFFICER GUNTUR AP.	0	2.14	2.14	0.00
	DY DIRECTOR/DIST. TRIBAL WELFARE OFFICER, NALGONDA, TELANGANA	0.41	0	0.53	0.41
	VISAKHAPATNAM STEEL PLANT, VISAKHAPATNAM (A.P.)	0	0.36	0.18	0.00
	IT DIRECTOR / DY DIRECTOR (SCDD), NIZAMABAD, TELANGANA STATE	0	1.9	1.9	0.00
	CALSOFT PVT. LTD. (MH)	0	0.21	0.21	0.00
	DY.DIRECTOR /DIST TRIBAL WELFARE OFFICER, WARANGAL TELANGANA	0	1.35	1.35	0.00
	DY DIRECTOR / D.T.W.O. , ADILABAD (A.P.)	0	0.41	0.41	0.00
	RASIKLAL MANIKCHAND DHARIWAL FOUNDATION, PUNE	0	0.05	0.05	0.00
	DY. DIRECTOR / D.T.W.O. MAHABUBNAGAR (TS)	0	0.41	0.41	0.00
	ICCR, MUMBAI	0	14.39	14.39	0.00
	Total	66.87	253.82	311.96	8.55
	GRAND TOTAL	184.59	337.07	407.32	114.16

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Date: 07.06.2016

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DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016
SCHEDULE 3(c): UNUTILISED GRANTS FROM GOVERNMENT OF INDIA

(Rs. In Lakhs)		Current Year	Previous Year
A. Plan grants: Government of India			
Unutilised Plan Grant balance as on 01/04/2015			
Plan Grant		3799.33	4805.28
Plan Grant Liabilities as on 01/04/2015		16159.80	15083.62
Total		19959.13	19888.90
Add: Receipts during the year			
Plan Grant		6396.00	2402.00
Plan Grant Liabilities(DCL)- Assets capitalised		4215.59	2567.09
Total		10611.59	4969.09
Total (a)		30570.72	24857.99
Less Refunds			
Less: Utilized for Revenue Expenditure			
Less: Utilized for Capital expenditure			
Plan Grant Utilised		5806.75	3407.96
Plan Grant Liabilities(DCL) Depreciation		1400.84	1490.89
Total (b)		7207.59	4898.85
Unutilized carried forward (a-b)		23363.13	19959.14
RE-GROUPING OF PLAN GRANT LIABILITIES [C]			
		18974.57	
*Grand Total (A-B) - [C]		4388.56	19959.14

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Date: 07.06.2016

Note: "Utilised for giving advances (Non refundable) to NBCC & CPWD for taking up civil construction works"


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SCHEDULE - 4 : FIXED ASSETS

SCHEDULE - 4 : FIXED ASSETS

NAGPUR
Date: 07-06-2016

REGISTRAR

DEAN (P&D)

DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE 5 - INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS (FUND WISE)
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

		(Rs. In Lakhs)	
Sr. No.	Funds	Current Year	Previous Year
1	Corpus Investment	14170.00	8777.91
2	Deposit out of surplus / revenue	2144.07	105.95
3	Other Investments	1222.43	1059.36
4	GPF Investments	1906.49	1565.33
5	Plan Investments	0.00	650.59
6	Prize Fund Investments	15.62	12.49
7	Staff Dev. Fund Investments	147.04	132.53
8	Maintenance Fund Investments	53.61	41.86
9	Depreciation Fund Investments	50.80	39.29
10	DD Fund Investments	648.64	129.46
11	Gymkhana Investments	8.07	35.18
12	R&D Investments	553.36	519.09
	Total	20920.13	13069.04

NAGPUR

Date:

07.06.16

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DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

SCHEDULE 6 — CURRENT ASSETS

SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

(Rs. In Lakhs)		Current Year	Previous Year
1. Stock / Inventory		1.15	1.15
2. Sundry Debtors:			
Debts Outstanding for a period exceeding six months		2.13	2.59
3. Cash and Bank Balances - With Scheduled Banks In Current Accounts			
Canara Bank			
A/c. No. 0265201011772		423.98	21.54
A/c. No. 3124201000005		36.95	2.45
A/c. No. 3124201000008		4.79	7.73
Margin Money		188.97	230.50
State Bank of India			
A/c. No. 10259420288		598.04	2943.17
A/c. No. 10259420299		8.34	14.92
A/c. No. 10259420302		0.83	112.83
A/c. No. 10259420798		41.29	40.41
A/c. No. 10259420801		5.37	4.03
A/c. No. 30009217911		1.8	8.09
A/c. No. 30057831492		1.30	8.50
A/c. No. 30057831695		0.52	3.53
A/c. No. 30057831822		0.83	8.84
A/c. No. 33808418507		1.24	3.24
Total (A)		1317.53	3413.52

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DIRECTOR

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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE 6 — CURRENT ASSETS

SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Transfer	(Rs. In Lakhs)	
TEQIP II	9.89	116.01
R & D (DD Fund)	10.00	10.00
R&D 6.48	0.00	3.86
R & D Assets	2.00	0.00
R & D 6.69 B R SANKPAL	0.35	0.00
COE A/C	43.00	0.00
6.72 R & D Anirudh Mandal	17.18	0.00
Subtotal	82.42	129.87
Workshop		
(TICE)RGSTC RMP	0.00	27.70
(SNC/SAM)R&D	0.00	1.64
SDPIN (DST SERB PROJECT)	0.00	15.49
Mizoram A/c.	1.60	1.60
Leave Salary/Contribution Receivable	5.55	0.00
TDS	2.61	2.61
IIIT NAGPUR A/C. NO. 35630339616	30.00	
Subtotal	39.76	49.04
R & D Assets		
Loans & Advances	4.56	6.37
Bank Accounts A/c. No. 3124201000001	115.35	72.11
Institute Assets	(16.82)	0.35
Margine Money (6.24 CIVN)	0.00	14.00
Margine Money (6.69 SDPIN)	0.00	3.30
DD Fund (LIB)	0.00	-0.10
VNIT (Rent)	0.00	0.50
Subtotal	103.09	96.53
Total (B)	225.27	275.44
Grand total (A+B)	1542.80	3688.96

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07.06.2016

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DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

SCHEDULE 7 - LOANS, ADVANCES & DEPOSITS

SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

(Rs. In Lakhs)

	Current Year	Previous Year
1. Advances to employees (Non-interest bearing):		
a) Salary		
b) Festival	3.83	3.00
c) Medical Advance	0.28	2.05
d) LTC Advance	4.97	0.05
e) Recoverable advance	22.89	11.63
2. Prepaid Expenses		
a) Insurance		2.10
b) Other expenses	2.37	0.34
3. Deposits		
a) Electricity	33.74	28.41
c) Allied Gas Traders	0.02	0.02
d) HT Meter	5.03	5.03
e) Water Meter	1.00	1.00
4. Advance to Others		
i) Advance to CPWD	2309.52	2557.50
ii) Advance to NBCC	6065.70	3173.05
Less NBCC work executed	(3163.20)	-
5. Income Accrued:		
a) On Investments- Others (Non-plan)	590.57	0.19
TOTAL	5876.72	5784.36

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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE 8 - ACADEMIC RECEIPTS FROM STUDENTS

SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Amount in Lakhs

	Current Year	Previous Year
A. Academic		
1. Tuition fee	2661.36	2235.76
2. Admission fee		11.31
3. Enrolment fee		0.81
4. Library Admission fee	39.47	26.22
5. Registration fee	26.74	16.93
6. Summer Term Course fees	2.12	2.04
Total	2729.69	2293.07
B. Examinations	56.36	41.05
C. Other Fees		
1. Identity card fee	2.97	3.60
2. Fine/ Miscellaneous fee	0.90	0.91
3. Internet & Computer Maint. Fees	37.64	24.52
4. Inter University Cultural Activity	10.12	1.35
5. Convocation Fees	5.96	3.17
6. Industry Inst. Interaction	12.03	7.99
7. Training & Placement Fees	15.55	10.45
8. Development Fees	135.78	132.12
9. Retention Fees	12.16	8.78
10. Gym Annual Day & Magazine Fees	19.50	2.63
11. Fine	9.71	1.00
12. Library Fees	3.01	5.87
13. Direct Admission Student in Abroad	5.06	
Total	270.39	202.39
GRAND TOTAL (A+B+C)	3056.44	2536.51

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DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE 9 — GRANTS / SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Amount in Lakhs

Particulars	Government of India		Plan / Non Plan UGC	Current Year Total	Previous Year Total
	Plan	Non-Plan			
Plan General Stipend Appropriation	1591.16		-	1591.16	840.88
Non-Plan Grant 31 Gen-Appropriation		902.22	-	902.22	900.21
Non-Plan Grant 36 Salary-Appropriation		6121.44	-	6121.44	5839.62
Plan Grant SC recurring Appropriation	0.00	0.00		0.00	0.00
Total	1591.16	7023.66	-	8614.82	7580.71

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DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE 10 - INCOME FROM INVESTMENTS

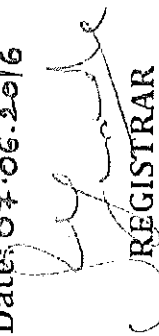
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Amount in Lakhs			
Other Investments			
Particulars	Current Year	Previous Year	
1. Interest			
2. Interest on Term Deposits	24.33	8.89	
3. Income accrued but not due on Term Deposits		0.19	
i. Interest on revenue fund	255.25	56.33	
ii. Interest on FD mess	65.64	42.28	
iii. Interest on DD Fund	56.45		
4. Interest on NBCC	164.16	25.61	
TOTAL	565.83	133.30	

Note: Interest accrued on Corpus and other Ear marked funds is credited to respective Funds and not considered as Interest Income.

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Date: 07.06.2016


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DEAN (P&D)



DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE 11- OTHER INCOME

SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

		Amount in Lakhs	
A. Income from Land & Buildings	Current Year	Previous Year	
1.Hostel Fees , Rent, other Receipts	327.89	278.58	
2.Rent from staff quarters	11.52	8.91	
3.Electricity charges recovered	12.14	63.90	
4.Water charges recovered	10.20	9.69	
5.Guest House Rent Reciepts	15.32	16.13	
6. Shop/Canteen/Bank & Post Office Rent	4.15	3.74	
7. Schemes Overheads & others	19.29	7.13	
Total - A	400.51	388.08	
B. Others			
1.Income from Testing, consultancy & others	167.80	178.31	
2.RTI fees, M Tech fees,Infrastructure usage fees	13.79	1.46	
4.Sale of application form (recruitment)	4.49	5.74	
5.Sale of tender form, waste paper, etc.	4.38	16.03	
6. Medical Subscription & Registration fees	6.54	6.46	
7. Gymkhana fees	26.22	21.99	
Total - B	223.22	229.99	
Grand Total (A+B)	623.73	618.07	

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DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE 12 - PRIOR PERIOD INCOME
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Amount in Lakhs

Particulars	Current Year	Previous Year
1. Academic Receipts		
2. Income from Investments		
3. Interest earned		
4. Other Income		
Guest House Rent Receipts		0.17
Shop/Canteen/Bank & Post Office Rent		0.06
Electricity charges recovered		0.94
Total	0.00	1.17

Note: Due to change in Accounting practice to Accrual system in 2014-15, Income pertaining to 2013-14 and realised in 2014-15, is shown as prior period Income.

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DATE:

07.06.16.

REGISTRAR

S. Prathap

DEAN (P&D)

S. Chandra

DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
 SCHEDULE 13— STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)
 SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Amount in Lakhs

	Current Year		Previous Year	
	Non Plan		Non Plan	
A. Salaries and Wages				
i. Teaching staff		2715.76		2434.28
ii. Non Teaching Staff		564.49		478.48
iii. Class IV & Supporting staff		265.79		254.93
iv. Adhoc staff & Others		703.95		714.51
v. Arrears DA		74.88		62.04
Subtotal (1)		4324.87		3944.24
B. Bonus (2)		6.18		5.68
C. Contribution to NPS				
i. New Pension Scheme (Faculty)		109.16		83.70
ii. New Pension Scheme (Class III)		16.89		11.37
iii. New Pension Scheme Support Staff		0.27		0.24
iv. Pension Arrears				14.33
Subtotal (3)		126.32		109.64
D. Retirement and Terminal Benefits				
a. Pension		1292.99		1219.39
b. Encashment Of EI		55.57		95.43
c. Gratuity				
i. Support Staff		6.99		11.05
ii. Faculty Staff		13.92		50.00
iii. Non-Teaching Staff		20.00		
iv. Class III Staff		12.99		
Subtotal (4)		1402.46		1375.87
Total (1+2+3+4)		5859.83		5435.43

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Date

07.06.16

S. J. Joshi
 REGISTRAR

DEAN (P&D)

S. J. Joshi

V. S. Chavhan

DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE 13— STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Amount in Lakhs			
	Current Year	Previous Year	
	Non Plan	Non Plan	
E. LTC facility			
i. Leave Travel Concession - Faculty	18.98	29.28	
ii. Leave Travel Concession Non Tech Staff	0.10	3.01	
iii. Leave Travel Concession Class III	0.64	4.02	
iv. Leave Travel Concession Support Staff	0.49	1.90	
Subtotal (5)	20.21	38.21	
F. Medical facility & Staff Welfare Expenses (6)	78.13	66.82	
G. Children Education Allowance (7)			
i. Child. Edu. Allow. Faculty	25.86	22.52	
ii. Child. Edu. Allow. Non Teach. Staff	-	0.01	
iii. Child. Edu. Allow. Class III	12.49	11.69	
iv. Child. Edu. Allow. Support Staff	3.59	3.69	
H. Telephone reimbursement	17.67	15.78	
I. BOARD apprentice training	4.52	2.57	
J. Professional Dev Allow.	99.14	242.88	
TOTAL	261.61	404.17	
GRAND TOTAL	6121.44	5839.60	

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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE 14 - ACADEMIC EXPENSES
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Laboratory expenses		3.63	3.63		2.96	2.96
b) Field work/Participation in Conferences		1.71	1.71		1.25	1.25
c) Expenses on Seminars/workshops		0.32	0.32		0.69	0.69
d) Examination						
i) Payment to visiting faculty		0.68	0.68			
ii) Examination Exp		34.49	34.49		23.60	23.60
iii) Refreshment Of Exam		2.29	2.29		3.96	3.96
e) Convocation expenses		44.25	44.25		10.70	10.70
f) Stipend/means-cum-merit scholarship	1591.16		1591.16	840.88		840.88
g) P.Hd. Full Time Contingency		31.55	31.55		18.80	18.80
h) National Board of Accreditation		5.94	5.94		16.56	16.56
i) Other Academic expenses		6.11	6.11		9.00	9.00
j) Sport Expenses						
i) Gymkhana(Sports)		10.70	10.70		7.07	7.07
ii) Gymkhana(Activities)		3.36	3.36		3.78	3.78
iii) Clubs		5.73	5.73		6.75	6.75
TOTAL	1591.16	150.76	1741.92	840.88	105.12	946.00

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Date: 07.06.2016

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S. K. K.
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N. Chaudhary
DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE 15 - ADMINISTRATIVE AND GENERAL EXPENSES
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

		Amount in lakhs	
		Current Year	Previous Year
		Non Plan	Non Plan
A. Infrastructure			
a) Electricity and power	179.41		222.48
b) Water charges	72.02		25.74
c) Insurance	12.99		10.50
Subtotal - A	264.42		258.72
B. Communication			
e) Postage and Stationery	2.64		2.70
f) Telephone, Fax and Internet Charges	15.55		37.16
Subtotal - B	18.19		39.86
C. Others administrative expenses			
g) Printing and Stationery (consumption)	15.77		28.17
h) Travelling and Conveyance Expenses	14.38		8.03
i) Hospitality	7.55		6.40
j) Auditors Remuneration	0.00		1.31
k) Professional Charges/Legal charges	4.80		8.92
l) Advertisement and Publicity	12.61		17.59
m) Magazines & Journals	5.64		47.44
n) Computer consumables	13.90		12.06
Subtotal - C	74.65		129.92
TOTAL (A+B+C)	357.26		428.50

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DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE 15 - ADMINISTRATIVE AND GENERAL EXPENSES

SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

	Amount in lakhs	
	Current Year	Previous Year
	Non Plan	Non Plan
d) Other general expenses		
Boards & Committees	8.10	16.32
Promotion Of Hindi	1.85	1.43
Nit Transit House	2.50	2.50
Nit Review Committee	0.00	4.84
Casual Work	1.91	2.62
Consumable	39.38	38.96
Garden / Horticulture Maint.	0.86	1.55
Maintenance Of Epabx/ Phones	8.05	8.09
Guest House Service Charges	20.82	22.97
Staff Recruitments	5.51	10.58
Depreciation	1.59	1.94
Mis. Exp.	23.91	16.47
Transportation expense	1.17	0.57
Other Specify	4.46	
Total (B)	120.11	128.84
GRAND TOTAL (A+B)	477.37	557.34

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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
SCHEDULE - 16 : REPAIRS & MAINTENANCE

SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Particulars	Amount in Lakhs	
	Current Year	Previous Year
	Non Plan	Non Plan
a) Buildings	132.75	106.25
b) Furniture & Fixtures	15.92	33.32
c) Equipment & Computers	24.23	19.37
d) Electrical installation & street light	69.01	15.26
e) Cleaning Material & Services	0.10	0.06
f) Estate Maintenance & Ground Maintenance	15.02	6.82
g) Air Conditioners, Coolers & fire equipments	16.71	
h) Contingencies	0.33	
Total	274.07	181.08

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VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE 17 - OTHER EXPENSES

SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Amount in Lakhs

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1. Visit Charges expenses		0.20	0.20		0.30	0.30
2. Consultancy expenses		151.83	151.83		167.72	167.72
3. Consumables expenses		0.80	0.80		0.22	0.22
4. Report Writing expenses		0.00	0.00		0.06	0.06
5. Testing expenses		14.97	14.97		9.90	9.90
Total	0.00	167.80	167.80	0.00	178.20	178.20

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DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
SCHEDULE 18 : PRIOR PERIOD EXPENSES
SCHEDULE FORMING PART OF BALANCESHEET AS AT 31st MARCH 2016

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1. Academic expenses						
Examination			0		0.01	0.01
Technical Competition/Presentation			0		0.06	0.06
2. Administrative expenses						
Advertisement			0		0.37	0.37
Computer consumables			0		0.61	0.61
Consumables			0		0.16	0.16
Electricity(MSEDCL)			0		35.28	35.28
Guest House Service Charges			0		2.07	2.07
Hospitality			0		0.08	0.08
Maintenance of EPABX/Phones			0		0.57	0.57
Printing & Stationery			0		0.16	0.16
Telephone & Internet Charges			0		7.34	7.34
Water Charges			0		4.80	4.80
3. Repairs & Maintenance						
Furniture & Fixtures			0		0.25	0.25
Ground Maintenance			0		0.56	0.56
M&R Computer Equipments			0		0.58	0.58
M&R Computer Equipments			0		0.76	0.76
M&R Electrical Installation			0		0.75	0.75
M&R Electrical Installation			0		0.62	0.62
M&R Electrical Installation			0		0.59	0.59
4. Other expenses						
Stale Cheque			0		1.07	1.07
Total	0.00	0.00	0.00		56.68	56.68

Note: Due to change in Accounting practice to Accrual system in 2014-15, expenditure pertaining to 2013-14 paid in 2014-15, without corresponding provision made in 2013-14, is shown as prior period Expenditure.

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Date: 01-06-16

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 DIRECTOR

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY , NAGPUR
Schedule forming part of Balance Sheet for Year ended 31-03-2016
Schedule : 20 RECEIPTS AND PAYMENTS ACCOUNT FOR THE PERIOD 2015-2016

RECEIPTS	(Rs. In Lakhs)			
	Current Year	Prv. Year	PAYMENTS	Current Year
1. Opening Balance	3409.79	918.91	1. Expenses	5621.02
2. Grants Received			i. Establishment Expenses	1327.85
i. Plan Grants	6396.00	2402.00	ii. Academic Expenses	614.74
ii. Non Plan Grants	6000.00	8200.00	iii. Administrative Expenses	320.55
3. Receipts against Ear Marked / Endowment / Schemes	1139.20	903.55	iv. Repairs & Maint.	0.83
4. Receipts against Sponsered Projects		438.13	v. Other Expenses (transportation)	299.85
5. Receipts against Sponsered Fellowships/ Scholarships	67.89	234.49	2. Payments against Earmarked Endowment funds	36.78
6. Deposits	1.77		3. Fellowships & Scholarships	275.34
7. Academic Receipts	2910.39	3154.58	4. Investment in Deposits (Net increase)	6787.19
8. Income on Investments / Bank Deposits			5. Payments towards	
i. Earmarked and Endowment funds and Other Investments	169.38		i. Fixed Assets	404.19
9. Deposits Encashed		2552.41	ii. Capital Work in Progress	3309.10
1. Income from Land & Building	68.13		6. Advances to Employees	122.71
ii. Others	29.57		7. Change in Working Capital	1741.02
			8. Deposits & Advances IIIIT	30.00
			9. Other Payments - Refund of caution money Deposits	3.05
			10. Closing Cash / Bank balance	1314.26
TOTAL	20192.12	18804.07	TOTAL	20192.12
				18804.07

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[Signature] DIRECTOR

SCHEDULE: 2 1

SIGNIFICANT ACCOUNTING POLICIES

1. BASIS FOR PREPARATION OF ACCOUNT

Accounts are prepared under the Historical Cost Convention unless otherwise stated and generally on the Accrual method of accounting.

2. REVENUE RECOGNITION

- 2.1 Various Fees collections from Students except Tuition Fees, are accounted as income on actual receipt. Tuition fee from students is collected for Academic year,
- 2.2 Income from Land, Buildings and Other Property and Interest on Investments are accounted on accrual basis.
- 2.3 Interest on interest bearing advances to staff for House Building, Purchase of Vehicles and Computers is accounted on Cash basis every year, since actual recovery of interest starts after the full repayment of the Principal. House building Advance to employees as well as recoveries from employees are adjusted in Corpus fund
- 2.4 In respect of earnings from Testing and Consultancy jobs, revenue is accounted on progress of the assignment and proportionate basis, to the extent job is completed.

3. FIXED ASSETS AND DEPRECIATION

All assets transferred to VNIT from VRCE, Nagpur are considered in Financial statements at values they were initially transferred and recorded in books of Institute. In respect of all subsequent acquisition of assets, following Accounting policy is followed:

- 3.1 Fixed assets are stated at cost of acquisition including inward freight, duties and taxes and incidental and direct expenses related to acquisition, installation and commissioning.
- 3.2 Gifted / Donated assets are valued at the declared value where available; if not available, the value is estimated based on the present market value adjusted with reference to the physical condition of the asset. They are set-up by credit to Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets.
- 3.3 Books received as gifts, are valued at selling prices printed on the books. Where they are not printed, the value is based on assessment.
- 3.4 Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Written down value method, at following rates:

Tangible Assets:

Sr. No	Particulars of Asset	Depreciation Rate (%)
1.	Land	0
2.	Site Development	0
3.	Tube wells & Water Supply	5
4.	Buildings	5
5.	Roads & Bridges	5
6.	Electrical Installation & equipment	5
7.	Computers & Peripherals	40
8.	Furniture, Fixtures & Fittings	25

9.	Vehicles	25
10.	Lib. Books & Scientific Journals	50

11.	Office Equipment	40
-----	------------------	----

Intangible Assets (amortization):

1.	E-Journals	40
2.	Computer Software	40
3.	Patents and Copyrights	9 years

3.5 Depreciation is provided for on pro-rata monthly basis. Where an asset is procured between 1st and 15th of particular month, full depreciation is charged for the month and no depreciation is charged, in case the procurement is made after the date.

3.6 All Individual & Physical particulars of Assets procured by the Institute are maintained by respective departments. Centralised details of Individual Asset costs are not maintained in Finance Department. In light of MHRD Guidelines, Steps to maintain Individual Asset cost particulars is initiated and will be completed.

3.7 Assets created out of Earmarked & Sponsored Projects funds, where the ownership of such assets vests in the Institution, are credited to Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets. Assets created out of Sponsored Project funds, where the ownership is retained by the sponsors but held and used by the Institution are separately disclosed in the Notes on Accounts.

3.8 Assets, where individual value of each is Rs. 5000 or less (except Library Books), are treated as Small Value Assets and 100% depreciation is provided. However physical accounting and control are continued for these assets.

4. Intangible Assets:

Patents and copyrights, E-Journals and Computer Software are grouped under Intangible Assets.

4.1 PATENTS: The expenditure incurred from time-to-time (application fees, legal expenses etc.) for obtaining Patents is kept in suspense account and shown in the Balance Sheet. If applications for patents are rejected, the cumulative expenditure incurred on the particular patent is written off to the Income & Expenditure Account in the year the application is rejected. The expenditure on Patents granted is written off over a life of 9 years on a conservative basis.

4.2 Electronic Journals (E-Journals) are separated from Library Books in view of the limited benefit that could be derived from the on-line access provided. E-journals are not in a tangible form, but temporarily capitalized and in view of the magnitude of expenditure and the benefit derived in terms of perpetual knowledge acquired by the Academic and Research Staff. Depreciation is provided in respect of E-journals as mentioned at 3.4

4.3 Expenditure on acquisition of software, where the same is purchased as an additional requirement, has been separated from computers and peripherals, as apart from being intangible assets, the rate of obsolescence in respect of these is very high. Depreciation is provided @ 40% & both in respect of software, Computers & Peripherals.

5. STOCKS:

Expenditure on purchase of chemicals, glassware, publications and other stores is accounted as revenue expenditure, except that the value of closing stocks held on 31st March is set up as inventories by reducing the corresponding Revenue Expenditure on the basis of information obtained from Departments. They are valued at cost.

6. RETIREMENT BENEFITS

No provision is made in accounts towards retirement benefits of Employees i.e. Pension, Family Pension, Gratuity, Leave encashment. Expenditure on these counts is accounted for, as and when payable. In view of Guide lines from MHRD, Actuarial valuation of Liability on this count is ascertained and indicated in Notes forming part of the Accounts, Other retirement benefits viz., Contribution to New Pension Scheme, Medical reimbursement to retired employees and Travel to Home Town on retirement are accounted on accrual basis (actual payments plus outstanding bills at the end of the year).

7. INVESTMENTS

1. Long term investments are carried at their cost or face value whichever is lower. However any permanent diminution in their value as on the date of the Balance Sheet is provided for.
2. Short Term investments are carried at their cost or market value (if quoted), whichever is lower.

8. Earmarked/Endowment Funds

The following long terms funds are earmarked for specific purpose.

1. Depreciation Fund
2. Maintenance Fund
3. Staff Development Fund
4. DD fund
5. Gymkhana Fund

6. Awards Fund
7. Prize Fund
8. Student Aid Fund
9. Hostel Welfare Fund
10. Insurance Coverage to Students

Funds mentioned from 1 to 5 have separate bank accounts and other funds are managed through Institute bank account. Where the fund size is large and do not have immediate requirement, funds are invested in Term Deposits with Banks and interest earned is added back to the Fund. The assets created out of Earmarked Funds where the ownership vests in the Institution, are merged with the assets of the Institution by crediting an equal amount to the Capital Fund. The balance in the respective funds is carried forward and is represented on the assets side by corresponding investment and balance in Bank, where separate bank accounts are maintained. Fund balances are periodically reconciled with corresponding investment and their bank balances.

8.1 CORPUS FUND : Corpus Fund is constituted comprising the Contributions received from DASA students,

Interest Received on Corpus, Plan and R & D sponsored funds. Institute's share in Technical & Consultancy fees is added to the Fund. The Corpus Fund is utilized as directed by Board of Governors of the Institution from time to time. The assets created out of the Corpus Fund are merged with the assets of the Institution. Balance is represented by balance in a separate Bank account, investment in RBI Bonds and Fixed Deposits with the Bank and interest on investments.

8.2. House Building Advances Fund : A revolving fund for the purpose of paying interest bearing advances to the officers & staff for House Building is maintained by Institute. Advances given to employees and, recoveries from these advances, including Interest are adjusted to this Fund

8.3 JRF/SR F Fund : Fellowships to Junior/Senior Research Fellows are paid out of Funds provided by Government for the purpose. In addition Stipend payments are also made from funds received under TEQUIP and other sponsors

8.4. Endow ment Funds: Endowments are funds received from various individual donors, Trusts and other organizations, for establishing Chairs and for Medals & Prizes, as specified by the Donors. Each of the Endow ment funds has its own investment and income from investment of each Endowment Fund is added to the Fund. The expenditure on Medals & Prizes is met from the interest earned on investment of the respective Endowment Funds and the balance is carried forward. In respect of Chairs, the corpus of the Endowment is also used. The balances are represented by Investment in Fixed Deposits and balance in the current Account common for all Endowments.

9 GOVERNMENT GRANTS

9.1 All Government Grants are accounted on realization basis. However, in case of Non-Plan Grants, Actual revenue Expenditure exceeding Non-Plan Grant received, is accounted as "receivable" and accordingly exhibited in Financial Statements. Grant subsequently received is adjusted against these receivables.

9.2 Capital expenditure incurred (on accrual basis) out of Government Plan grants is transferred to the Plan Grant liability / Corpus fund

9.3 Government Grants for meeting Revenue Expenditure, to the extent utilized / receivable (on accrual basis), are treated as income of the year in which they are shown receivable

'9.4 Unutilized grants including Recoverable advances paid out of such grants, are carried forward and exhibited as liability in Balance Sheet.

10 INVESTMENTS OF EARMARKED FUNDS AND INTEREST INCOME ON SUCH INVESTMENTS:

To the extent not immediately required for expenditure, the amounts available against such funds are invested in approved Securities & Bonds or deposited for fixed term with Bank. Interest received, on such investments are added to the respective funds and not treated as income of the Institution.

11 SPONSORED PROJECTS

11.1 In respect of ongoing Sponsored Projects, the amounts received from sponsors are credited to the head "Current Liabilities and Provisions — Current Liabilities — Other Liabilities — Receipts against ongoing sponsored projects." As and when expenditure is incurred / advances are paid against such projects, the concerned project account is debited with allocated overhead charges, the liability account is debited.

11.2 In addition to the Earmarked Fund for the Junior Research Fellowships funded by the University Grants Commission, Fellowships and Scholarships are also sponsored by various organizations. These are accounted in the same way as Sponsored Projects except that the expenditure generally is only on disbursement of Fellowships and Scholarships, which may include allowances for contingent expenditure by the Fellows and scholars.

11.3 The Institution itself also awards Fellowships and Scholarships, which are accounted as Academic expenses.

12. INCOME TAX: The income of the Institution is exempt from Income Tax under Section 10(23c) of the Income Tax Act. No provision for tax is therefore made in the accounts

NOTES TO ACCOUNTS

Schedules 1 to 22 are annexed to and form an integral part of the Balance Sheet at 31st March, 2016 and the Income & Expenditure account for the year ended on that date.

1. Annual Accounts of the year 2015-16 are finalised on accrual basis and in the revised formats as per directives received from MHRD, vide Letter. No. 29-4/2012-JFD Dt. 17th April, 2015. All efforts are made to strictly comply with presentation of Financial Statements and disclosure of information as per directives received. Where ever there is deviation in the compliance, same has been disclosed in the Accounting Policies and in the notes to the accounts, together with financial impact on the statements due to change in policy adopted by Institute.

2. While furnishing details of various Capital and Revenue particulars and their Disclosure/ treatment in Accounts, Materiality of the transaction and the impact on the overall financial results has been kept in consideration.

3.1 Depreciation Rates adopted by Institute as mentioned in the Accounts Policy are at variance and are on higher side than Depreciation rates advised by MHRD vide the letter referred. The rates adopted are in line with Depreciation rates followed in earlier years and are based on assessed useful life period of the assets.

3.2 Depreciation is not charged to Income & Expenditure Account as all most all Assets have been procured from Grants received from Govt. of India. Institute, as a practice is reflecting the fixed assets procured out of Plan funds at gross value and a corresponding amount is shown on Liabilities side of Balance Sheet Under head "Plan Grant Liabilities". Depreciation chargeable in the year is reduced from Gross

Value of Assets and corresponding amount is deducted from "Plan Grant Liabilities". In case of assets procured out of Institute funds, depreciation is charged to Income & Expenditure account. Institute has transferred the amount to the credit of Plan Grant Liability amounting to Rs. 18974.57 lakhs to Capital Fund / Corpus during current year 2015-16. Depreciation will be charged to Income & Expenditure account from financial year 2016 -17 onwards .

4. As on 31.03.2016, Court Cases filed against the Institution, by former / present employees, and were pending for decisions. The suits filed by employees were establishment—related viz. promotions, increments, pay scales, termination etc. The quantum of the claims is not ascertainable.
5. Letters of credit established by the Bank on behalf of the Institution and outstanding at the end of the year i.e. on 31.3.2016 is Rs 188.97 Lakhs (Previous year Rs. 230.50 Lakhs)
6. Capital commitments in respect of contracts remaining to be executed on Capital Account and not provided for (Net of Advances) amounted to Rs as on 31.03.16. is Rs. 17041.53 Lakhs. (Previous year Rs. 19688.16 Lakhs).
7. Additions to Fixed Assets during the year, purchased out of Plan Funds Rs 4215.59 Lakhs and corresponding credit is made to Capital Liability Account. No assets were received by way of gifts during the year. Fixed Assets of the Institute does not include any assets procured out of funds received for sponsored Schemes/Projects
8. Till the year 2013 -14, no separate details of expenditure incurred are maintained on Patents registered and is mostly charged to revenue expenditure. From current year, 2014 -15, guide lines issued by MHRD are being implemented.
9. The Hostel fee collected towards room rent, Electricity & Water charges and other expenses are taken to the credit of Income & Expenditure account and corresponding expenses and Maintenance costs are charged to the account till financial year 2014-15. For year 2015-16 amounts collected towards Electricity and Water charges are adjusted against respective expenditure heads in Institute books and the net expenditure is charged to Income & Expenditure Account. With regard to Mess operated for Hostel students, Mess charges are collected as per rates paid to contractors running the Mess.

10. Valuation of retirement benefits payable to employees towards Pension, Family Pension, Gratuity and Lea made through Actuarial basis, both as of 31.03.2015 and 31.03.2016 as per directives received from MHR and actual amounts paid to employees towards these benefits are as under:	Nature of	Valuation of Liability as on		Actual Payment made		Provision Required	
		31.03.2016	31.03.2015	2015-16	2014-15	2015-16	2014-15
	Retirement Benefit						
	1. Pension & Family Pension	24285.99	21322.47	---	---	2963.52	2062.33
	2. Gratuity	1387.14	1159.91	53.90	61.05	227.23	153.59
	3. Leave Encashment	1782.84	1265.60	55.57	95.42	517.24	229.09

No provision is made in accounts for future liability based on actuarial valuation

11. VNIT is consistently recognising Revenue against Government Grants (Non Plan Grants-Recurring), on basis of actual Revenue expenditure incurred in the year. The Excess expenditure incurred over and above the actual receipt of Non-Plan Grant, is considered as Grants receivable from Government and reflected in financial statements. Accordingly, net Non-plan grant amount of Rs.1302.96 lakhs is recognised as Income in 2015-16 (Previous Year 2014-15 Rs. 279.29 Lakhs) and corresponding amounts are shown as Receivables in respective years.

12. As per guidelines issued by Ministry on finalisation of accounts vide letter No. 29-4/2012-IFD dt. 17.04.2015. Institute has accounted for accrued interest on all bank deposits outstanding as on 31.03.2016. The accumulated interest considered during the year is Rs. 590.57 lakhs (previous year 0.19 lakhs) and corresponding credit is given to respective funds both restricted and un-restricted heads.

13. Institute has incurred following expenses in Foreign Currency during the year 2014-15 on foreign Travel and import of Equipment

Expenditure Particulars	US \$	Euros	Japanese Yens	GBP
Import of Equipment	185021	147047	2798600	39750
	(2,28,537)	(1,60,422)	(25,90,000)	(-)
Travel Expenses	----	----	(3,10,000)	

Figures in brackets are for year 2014-15

14. Institute has not incurred any expenditure of exceptional and Extra-ordinary nature during the year.
15. In the opinion of the Management, the current assets, Loans, Advances and Deposits have a value on realization in the ordinary course, equal at least to the aggregate amount shown in the Balance Sheet.
16. Final Accounts are prepared separately, for Employees General Provident Fund Account for the year 2015-16 as directed by MHRD
17. Institute is regular in remittance of NPS subscriptions of employees / contributions of Employer to National Securities Depository Limited (NSDL) — Central Record keeping Agency (CRA). However, in respect of certain employees whose PRAN cards are in the process of issue, an amount of Rs. 41.16 Lakhs is pending for remittance with NSDL as on 31.03.2016

18. All the funds of the Institute are maintained with Scheduled Banks only and no investments are made in Non-Scheduled Banks.
19. Previous year figures have been re grouped in current year, as required by the revised formats
20. Figures in Final Accounts have been rounded of to the nearest Lakhs in Rupees.

Nagpur

Dated 07.06.2016


REGISTRAR

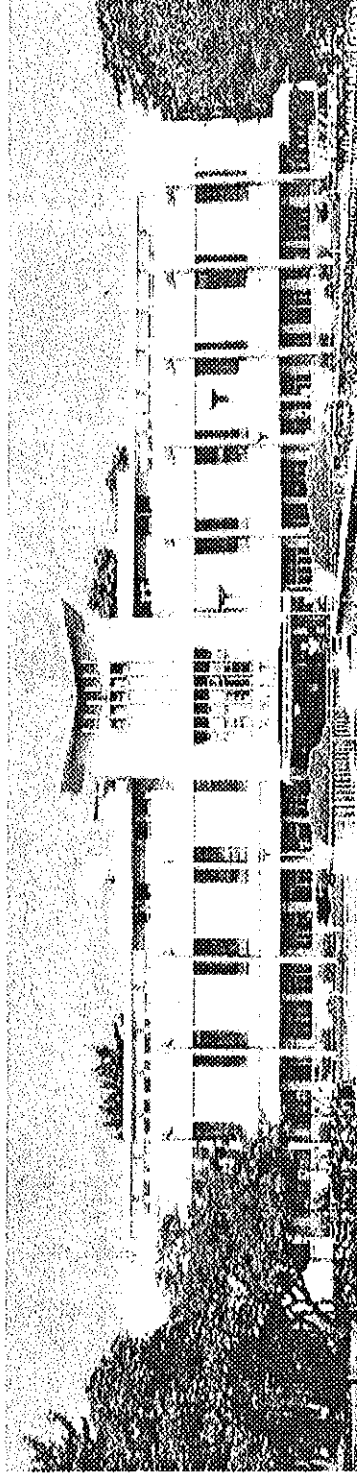


DEAN (P & D)


DIRECTOR



**VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,
NAGPUR – 440010 (INDIA)
(SIXTH DECADE OF EXCELLANCE)**



**GPF ANNUAL ACCOUNTS
2015 - 2016**


VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY :: NAGPUR

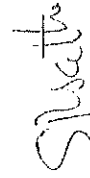
EMPLOYEES GENERAL PROVIDENT FUND ACCOUNT

BALANCE SHEET AS ON 31-03-2016

Notes to GPF Accounts :

- 1 Prior to amounts the Year 2013-14, no separate set of Financial Statements are prepared for GPF and is shown as part of Institute accounts. However, separate Bank Account is maintained to operate GPF transactions and all receipts / payments of GPF are routed through this account.
- 2 As per the directives of MHRD, separate set of Financial statements are prepared from year 2014-15 onwards.
- 3 Excess of Investments and other funds of GPF, over and above the amounts payable to members as on 31-03-2014 is shown as Reserve fund in the balance sheet. Amount of such Reserve as on 31-03-2014 is Rs. 9724410. The Surplus of Income over Expenditure during the year subsequent years is added to this Reserve fund. Accordingly Rs. 1289928 is added to this fund in 2014-15 and Rs. 490270 in the Year 2015-16. Amount standing to the credit of the Reserve fund as on 31-03-2016 is Rs. 11527067 and is represented by corresponding increase in the Investments / Accrued interest.
- 4 Separate Accounts are maintained to each member to reflect their fund position and is informed every year.


Registrar


Dean (P&D)


Director

NAGPUR

Date: 07.06.2016

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY :: NAGPUR
EMPLOYEES GENERAL PROVIDENT FUND ACCOUNT
BALANCE SHEET AS ON 31-03-2016

LIABILITIES		2015-16	2014-15	ASSETS	2015-16	2014-15
Opening Balance		1699.35	1538.52	Investment in Bank Deposits	1906.49	1565.33
Add:				Int. on Deposits	138.81	131.56
i. Subscriptions during year	333.00			Accrued but not due on 31-03-2016		
ii. Interest Credited	151.51			Balance in Current Account	0.83	112.83
Less : Advance/ settlements	253.01	231.51	160.83			
Closing Balance						
Interest Reserve						
Opening Balance	110.37					
Less: Excess of Exp over Income	4.90	115.27	110.37			
Trf from Inc.& Exp. Acct						
TOTAL		2046.13	1809.72	TOTAL	2046.13	1809.72

NAGPUR

Date: 07.06.2016

[Signature]
Registrar

[Signature]
Dean (P&D)

[Signature]
Director

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY :: NAGPUR
EMPLOYEES GENERAL PROVIDENT FUND ACCOUNT
INCOME AND EXPENDITURE ACCOUNT FOR YEAR ENDED 31-03-2016

EXPENDITURE	Rs. in Lakhs			
	2015-16	2014-15	INCOME	2015-16
Interest on Employee Accounts	151.50	132.15	Interest earned on Deposits made during the Year	17.60
Bank Charges	0.01	0.01	Interest Accrued on Deposits as on 31-03-2016	138.81
Excess of Inc over Expenditure	4.90	12.90		
TOTAL	156.41	145.06	TOTAL	156.41
				145.06

NAGPUR

Date: 07.06.2016

[Signature]
Registrar

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Dean (P&D)

[Signature]
Director

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY :: NAGPUR
EMPLOYEES GENERAL PROVIDENT FUND ACCOUNT
RECEIPTS AND PAYMENTS ACCOUNT FOR YEAR ENDED 31-03-2016

Rs. in Lakhs					
RECEIPTS	2015-16	2014-15	PAYMENTS	2015-16	2014-15
Bank Balance as on 01-04-2015	112.83	55.17	GPF Advances to Employees and Final Withdrawals	253.01	285.11
GPF Subscriptions & Repayment of Loans by Members	333.01	313.79	Investment in Bank Deposits	192.00	99.00
Misc Rts		118.87	Bank Charges	0.01	0.01
Unadjusted Credits			Closing Bank Baance	0.83	112.83
Deposits Encashed					
Interest Received on Deposits					
Total	445.84	496.95		445.84	496.95

NAGPUR

Date: 07.06.2016

[Signature]
Registrar

[Signature]
Dean (P&D)

[Signature]
Director

Indoor Sports, VNIT Campus





The Director

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