



# GOVERNMENT INSTITUTE OF SCIENCE

## Profile 2016



# Introduction

**The Institute was established on 14th August 1974**

**Has a campus spread on 25 acres**

**Its the exclusive Government administered Postgraduate Education & Research Institute in Marathwada region of Maharashtra.**

**It is a Government funded Institute affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad and governed through Director of Higher Education, Pune.**

**Institute offers education and research in the subjects viz.  
Biophysics, Botany, Biotechnology, Geology and Microbiology  
leading to M.Sc. and Ph.D. degrees**

**The foremost intention of founding this Institute was to offer higher education to students belonging to the underprivileged region of Maharashtra.**





**Vision:**

**“ACCELERATING SCIENCE EDUCATION FOR HUMAN WELFARE”**

To be the world class Science Institute, pursuit for academic and scientific excellence, catering to global community, striving for its harmonious development.

**Mission:**

To develop citizens with scientific temperament along with moral and ethical values.

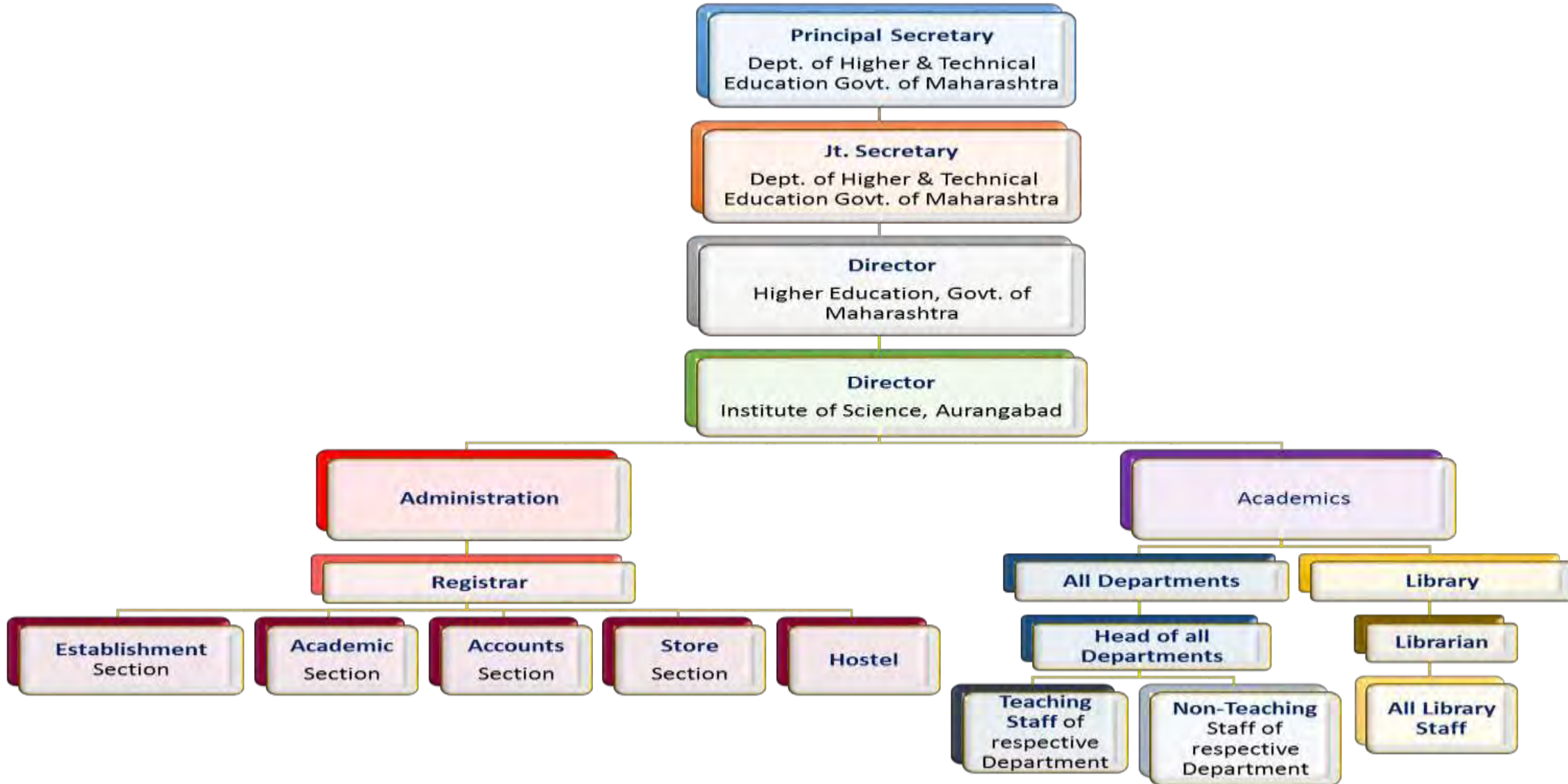
**Objectives:**

To fulfil the backlog of higher education of the region.

To cater to higher education and training in front-line areas of science, having strong vocational value and job potential.

To generate human resources, so as to fulfil the local needs of industrial growth.

# Governance Structure





# Local Advisory Committee

Sr. No.	Name of the Member	Designation	Role
1	Dr. Rajendra Dhamnaskar	Divisional Joint Director, Aurangabad Division	Chairman
2	Dr. H J Wankhede	Director, Govt. Institute of Science, Aurangabad	Member- Secretary
3	Dr. J C Rajput	Director, Nirmal Seeds, Pachora, Jalgaon	Non-Government Member
4	Dr. C P Gaikwad	Principal, National Arts, Commerce and Science College, CIDCO, Aurangabad	Non-Government Member
5	Smt. Jayashri Somase	Managing Director, V P Pet Polymers, Waluj-MIDC area, Aurangabad	Non-Government Member
6	Mr. S. G. Kulkarni	Associate Professor, Department of Biophysics, Govt. Institute of Science, Aurangabad	Teacher's Representative
7	Prof. Sahera Nasreen	Professor, Department of Botany, Govt. Institute of Science, Aurangabad	Teacher's Representative
8	Dr. R A Satpute	Professor, Department of Biotechnology, Govt. Institute of Science, Aurangabad	Teacher's Representative
9	Shri D S Tiwari	Store Keeper, Govt., Institute of Science, Aurangabad	Non-Teaching Staff Representative

# Courses offered

S. No	Title of programs	Level (UG, PG, PhD)	Duration (Years)	Year of starting	Sanctioned Intake
1	M.Sc. Botany	PG	2 yrs	1974	20
2	M.Sc. Biophysics	PG	2 yrs	1979	20
3	M.Sc. Biotechnology	PG	2 yrs	1997	20
4	M.Sc. Geology	PG	2 yrs	1984	20
5	M.Sc. Microbiology	PG	2 yrs	1976	20
6	Research in all the above subjects	PhD	-	-	96

All the courses are fully funded by the Government of Maharashtra

Fee charged is very nominal. For Open Category Rs. 2030/- & For Reservation Candidate Rs 235/- Only

Scholarships are available for reservation candidates

To ensure wide publicity of the courses advertisements are published in Newspapers and uploaded on to our web site [www.inosca.org](http://www.inosca.org)

# Physical Infrastructure of the Institute at a Glance



# Facilities available in the Campus

**CCTV Camera installed in campus. Total 24 cameras installed at office, library and hostel**

**Gamma Irradiation Chamber**

**Multipurpose Hall**

**Director's Quarter**

**Rector 's Quarter 02**

**Non Teaching staff's Quarters 04**

**Playground**

**Computers in the campus are networked through LAN**



# Computers Available in Institute with Status

Departments	Functional		Non Functional	Total Computers
	Connected to Internet	Without Internet		
Admin	09	01	00	10
IQAC Office	01	00	00	01
NAAC Office	01	00	00	01
Biotechnology	17	00	01	18
Microbiology	08	03	00	11
Botany	07	00	02	09
Biophysics	14	00	01	15
Geology	10	04	01	15
Library	06	00	01	07
<b>Total</b>	<b>73</b>	<b>08</b>	<b>06</b>	<b>87</b>

# Physical Infrastructure

Sr. No.	Description of the facility	Number	Area in Sq. mts.
1	Laboratories 1	1	2271.70
2	Laboratories 2	1	2314.60
3	Laboratories 3	1	2314.60
4	Multipurpose Hall	1	589.59
5	Play Ground	1	12,600
6	Botanical Garden	1	1,089
7	Central Computing Center (Network Resource Center)	1	34.82
8	Central Library	1	745.38
9	Reading Room	1	109.82
10	Administrative Office	1	720.00
11	Parking Area	1	40.26
12	Director's bungalow	1	129.36
13	Non Teaching staff Quarter building	1	151.46
14	Girl's Hostel	1	1599.32
15	Boy's Hostel	1	1521.05
16	Gamma Chamber	1	225.0
17	Guest House	1	
18	Dug Well/ Bore well	2+2	

# HOSTEL FACILITY AVAILABLE FOR STUDENTS FOR THE YEAR 2015-16

Sr No	BOYS HOSTEL		GIRLS HOSTEL		TOTAL
	INSTITUTE (INTAKE / ADMITTED)	F. SCI. (INTAKE / ADMITTED)	INSTITUTE (INTAKE / ADMITTED)	F. SCI (INTAKE / ADMITTED)	(INTAKE / ADMITTED)
1	60/57	--/43	60/47	--/68	120/215

# Teaching Staff Status

Sr No	Name of the Post	Sanctioned	Filled	Vacant
1	Director	01	01	--
2	Librarian	01	01	--
3	Professor	04	02	02
4	Associate Professor	10	03	07
5	Assistant Professor	19	14	05
	<b>Total</b>	<b>35</b>	<b>21</b>	<b>14</b>

\* Advt. for the vacant posts have been published by the MPSC vide letter no.:



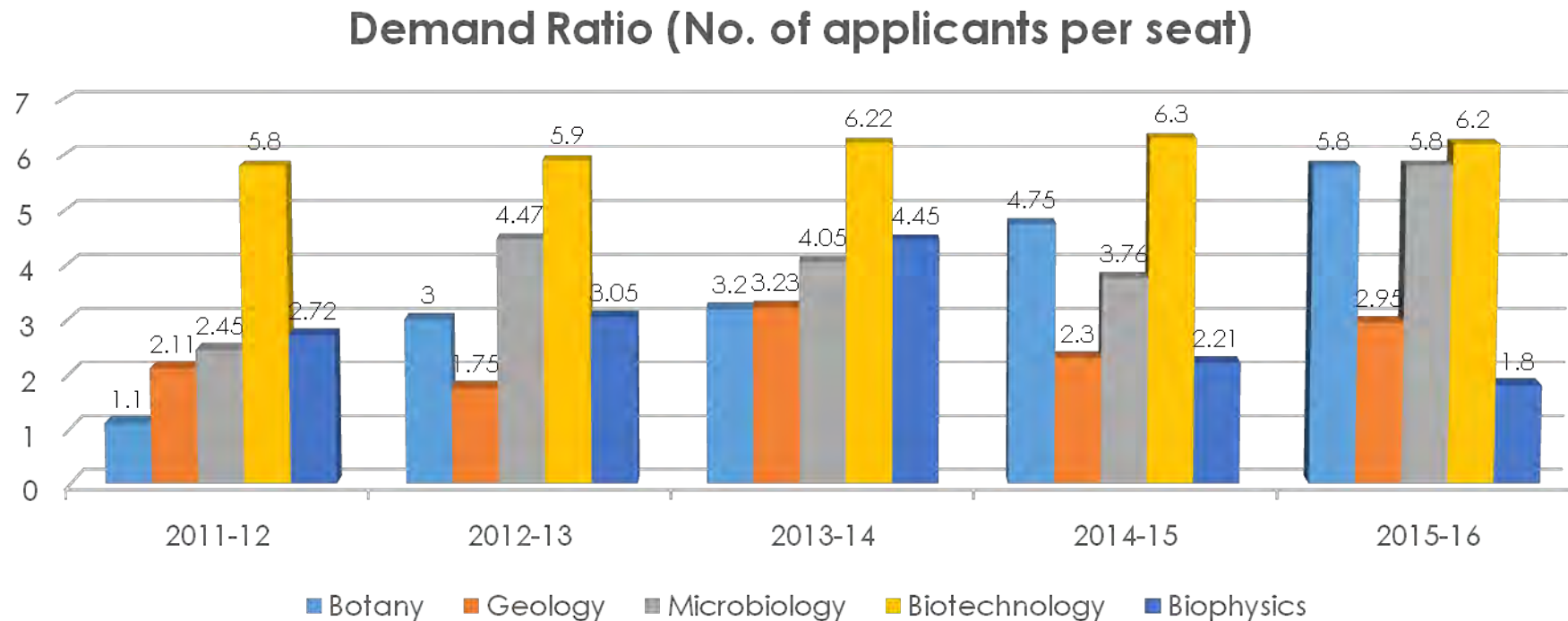
# Subject wise working CHB & Visiting Staff

Department	Regular faculty	CHB faculty	Visiting Faculty	Total
Biotechnology	06	05	02	13
Microbiology	05	05	02	12
Biophysics	03	06	13	22
Geology	04	09	03	16
Botany	02	06	04	12
Total	20	31	24	75

# Non Teaching Staff Status

Sr. No	Name of the Post	Number of Sanctioned Post	Number filled	Number of Vacant Positions
1	Registrar	01	--	01
2	Hostel Supretendent	01	01	--
3	Head Clerk	01	01	--
4	Senior Clerk	01	01	--
5	Junior Clerk	01	01	--
6	Store Keeper	01	01	--
7	Lab Assistant	01	01	--
8	Lab Attendant	04	04	--
9	Peon	04	04	--
	Total	15	14	01

# Admission trends in programmes offered by the institution



# Registered PhD Students

Departments	Male	Female	Total
Biotechnology	01	02	03
Microbiology	08	11	19
Botany	06	07	13
Geology	14	03	17
Biophysics	05	07	12
<b>Total</b>	<b>34</b>	<b>30</b>	<b>64</b>



# Examination Cell

**Institute has a Internal Examination cell**

**This cell prepares internal examination schedule for each semester**

**Sets deadline for question paper setting**

**Generates seat number for each student**

**Makes seating arrangement where students are seated in classrooms from non home department**

**Head of the department appoints paper setters, invigilators, makes arrangements to assess the papers and submits the mark lists to the exam cell**

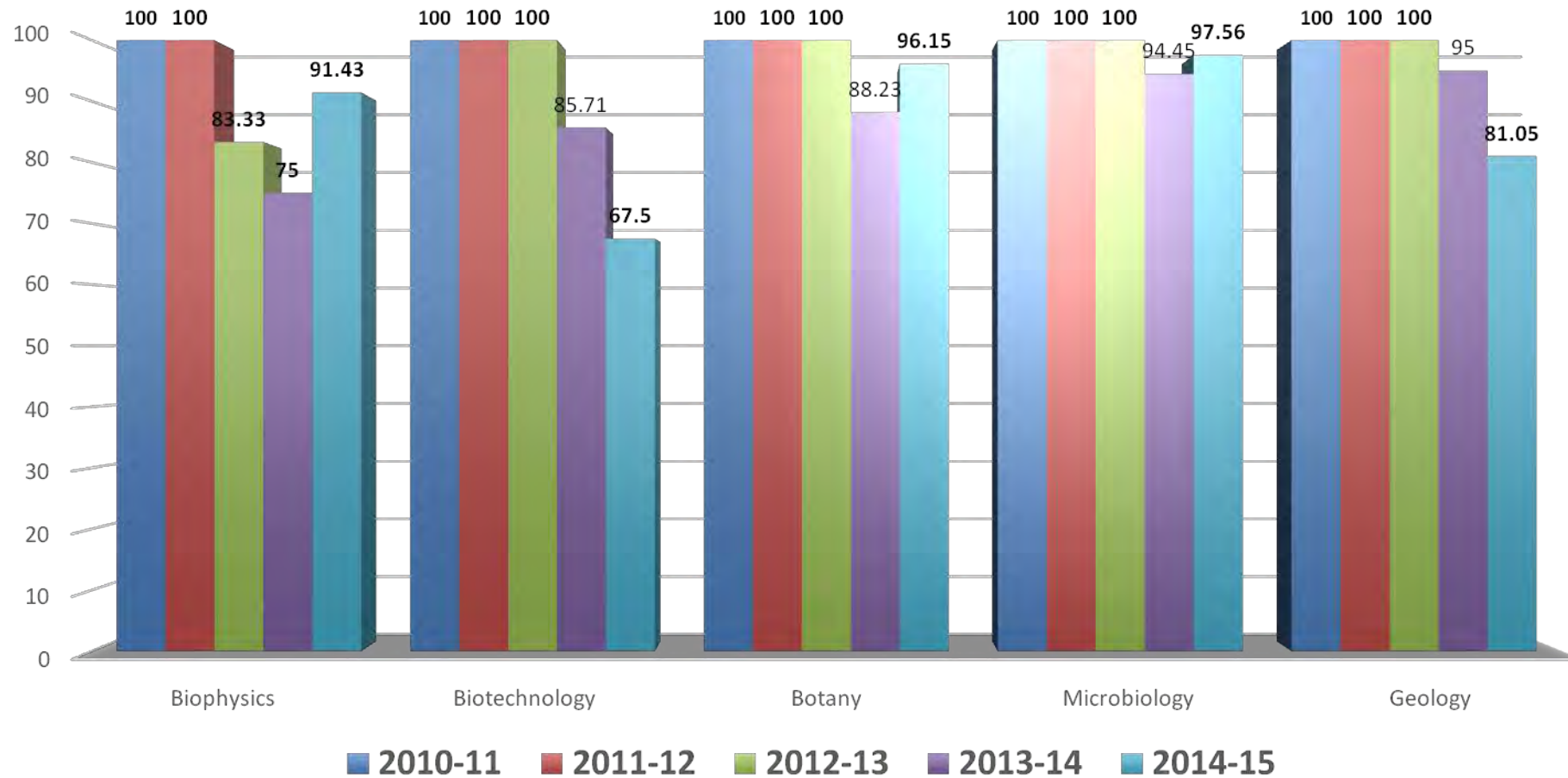
**Exam cell compiles the attendance reports and exam results**

**Redressal committee for grievances consist of respective examiner and is chaired by the Director**

**The exams are thus conducted in strict and fair manner**

**The latest internal tests were conducted on the 04<sup>th</sup> and 05<sup>th</sup> March 2016**

# Course wise student passing percentage of last five years



# Student Scholarship

Category	2013-2014		2014-15		2015-16
	No. of Students availing benefit	Amount Disbursed	No. of Students availing benefit	Amount Disbursed	No. of Students availing benefit
SC	24	29240	24	31980	27
OBC	32	38960	21	27915	29
VJ-NT	13	15835	11	16320	11
SBC	01	1215	02	2670	03
ST	01	1215	06	7890	09
Minority			07		10
Eklavya			18		08
<b>Total</b>	<b>70</b>	<b>86545</b>	<b>89</b>	<b>86775</b>	<b>89</b>

# Student Placements

**Institute has placement and Training Cell for students which coordinate with various industries to identify the vacancies.**

**The placement cell takes initiative to organize the interviews for the students.**

**Placement cell also organizes the lectures related to career**

**Our faculty members are committed to give support and appropriate suggestions to students for placement.**

**Alumni also guide the students on- “how to search for vacancies and approach the employers”.**

**They refer our students to their employer and help them in getting job**

**Industry- Institute Advisory Forum has been established to enhance the Placement Activity. (Feb 2016 with 16 industries)**

**Total 75 students were placed through In-campus and Off- campus placement initiatives in last five years**



# Academic Linkages

**Swami Ramanand Teerth Marathwada University, Nanded**

**Rashtrasant Tukdoji Maharaj University ,Nagpur**

**North Maharashtra University, Jalgaon**

**Indian Institute of Science, Education and Research, IISER, Pune**

**Agharkar Research Institute, Pune**

**Advanced Centre for Treatment, Research and Education in Cancer, (ACTREC)Mumbai**

**Indian Institute of Science, Bangalore**

**SGB University, Amravati**

# MoU with Universities and Institutions

**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (04.03.2016)**

**School of Earth Sciences, Swami Ramanand Teerth Marathwada Univ., Nanded. (2010)**

**The Auger Group, Inc. Dba Clearwater Group, Pt. Richmond,CA, USA (2012)**

**Yogeshwari Mahavidyalaya, Ambajogai (2014)**

**Shardabai Pawar Women's College, Baramati**

**Regional Public Health Laboratory, Aurangabad**

**Vidyaprathishthan School of Biotechnology , Baramati**

# MoU with Industries

**Wockhardt, Ltd. Chikalthana, Aurangabad**

**Nirmal Seeds Pvt. Ltd. Pachora Dist. Jalgaon**

**ATRA Pharmaceuticals, Aurangabad**

**Lupin Ltd., Chikalthana, Aurangabad**

**Ellora Biotech and Agro Services, Chitegaon, Aurangabad**

**East West Seeds, Waluj, Aurangabad**

**Taiyo Lucid Pvt. Ltd., Waluj Aurangabad**

**Garware Polyester Ltd., Aurangabad**

**Sakla Landscaping, Aurangabad**

**Tapadiya Diagnostic Centre, Aurangabad**

**Lord's Medicinal Plant, Aurangabad**

# Yearly Budgeted Amount Received in Last Five years & Expenditures incurred

Sr No	Year	Grant Received		Expenditure	
		Plan	Non Plan	Plan	Non Plan
1	2011-2012	29.97	227.91	29.96	229.40
2	2012-2013	24.18	246.03	24.12	274.12
3	2013-2014	19.39	404.45	19.35	407.64
4	2014-2015	17.09	489.89	13.67	483.15
5	2015-2016	16.04	393.47	12.19	423.44

# Grants received in last five years

Grants	Funding agency	Budget sanctioned (Rs. In lakh)	Budget received (Rs. In lakh)
Minor	UGC	24.07	12.785
Major	DST+UGC	67.29	51.62
Students' Projects	DST-WOS-A	29.48	15.30
Development Grant XI Plan	UGC	12.26	12.26
FIST	DST	50.00	39.50
Development Assistance XII plan	UGC	12.70	12.70
<b>Total</b>		<b>195.8</b>	<b>144.165</b>

# Student achievements

**DST-INSPIRE fellowship-05 (P. Diwate & N. H. Deshmukh in Geology, S. Mulange (2013), V. Jadhav (2014) & S. Jeurkar (2015) in Biophysics)**

**DST women's Fellowship-03 (Ms. Bharti P.Wadekar & Ms. Suchita Choudhari)**

**Rajiv Gandhi National Fellowship-07**

**Maulana Azad National Fellowship-02 (Reshma Jaweria & Farha)**

**Alexander Graham Bell Research Award,2015 in Natural Medicines-01 ( Mr. Yahya Khan Pathan)**

**Summer Research Fellowship program (INSA)-02 (Rani Jadhav & Aishwarya Bhale in Biophysics)**

**NIMHANS M.Phil Fellowship-11 (In Biophysics )**

**Prize In classical singing at Indradhanush Youth festival Held at SGB University, Amravati-01 (Mr. Kaustubh Kulkarni in Biotechnology)**

**Qualify in NET/SET/GATE-32**

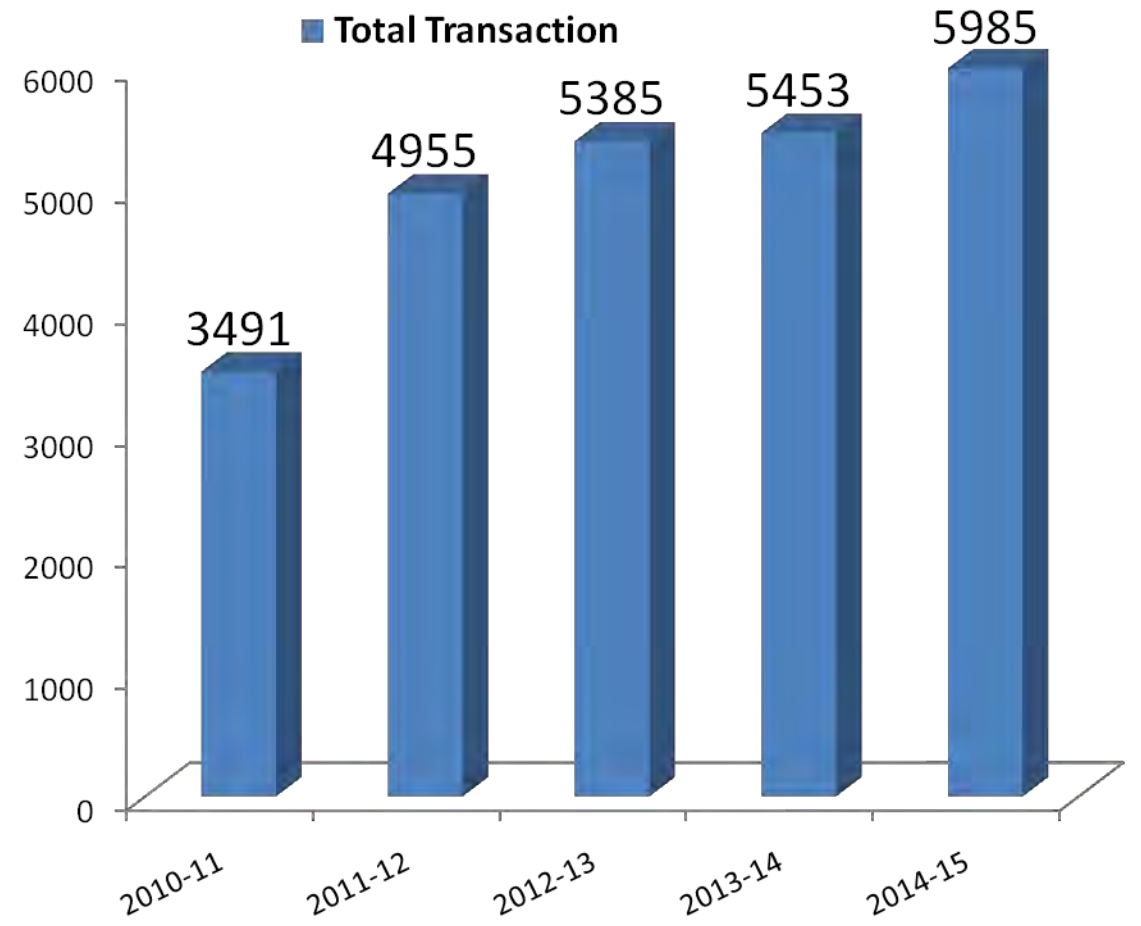
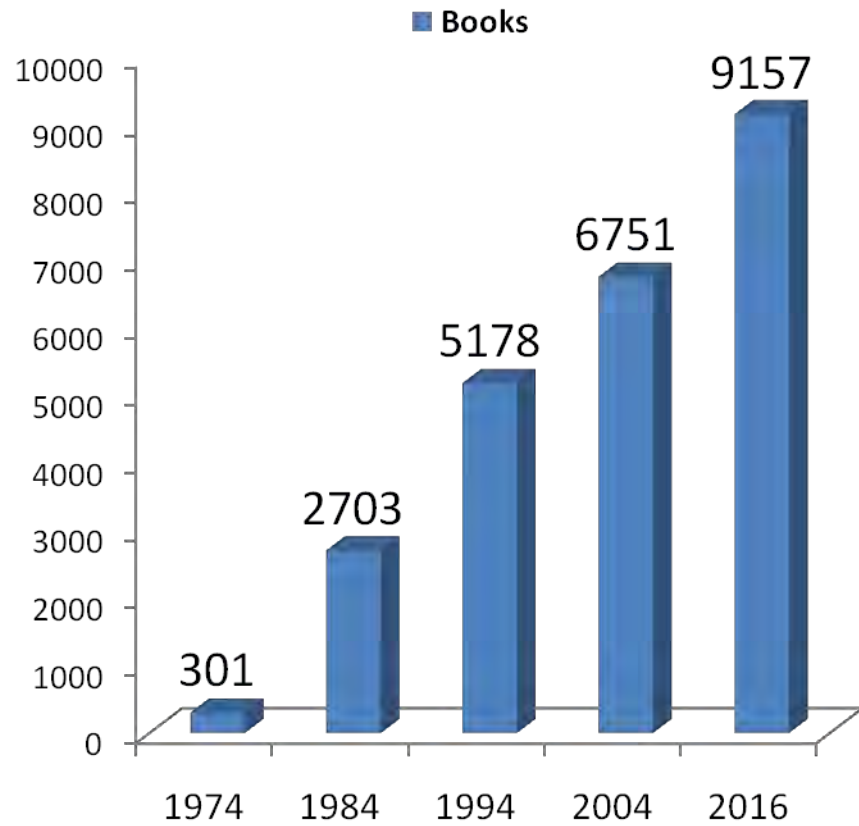
**Avishkar -08**

**DBT- Young scientist award-01 (Indrani Sen Datta in Biophysics)**

**Summer Training-13**

**Prizes in Seminar / Conference/ Poster-07**

# Learning Resources



# Facilities in Library

**Internet facility**

**Book Bank**

**OPAC (Online Public Access Catalogue)**

**Information Literacy & User awareness program**

**Current awareness program**

**Inter library loan Accessibility to e resources through N-list and remote access facility**

**N-List of INFLIBNET- eBooks 1,12, 673 plus & e journals 6247 plus**

**Remote access facility of Dr. BAMU Library includes eBooks 1,49, 839 plus & e journals 42449 plus**

**Sanitary Pad Vending Machine**

**CCTV Camera -08**

**Wi -Fi facility -05 dept.**

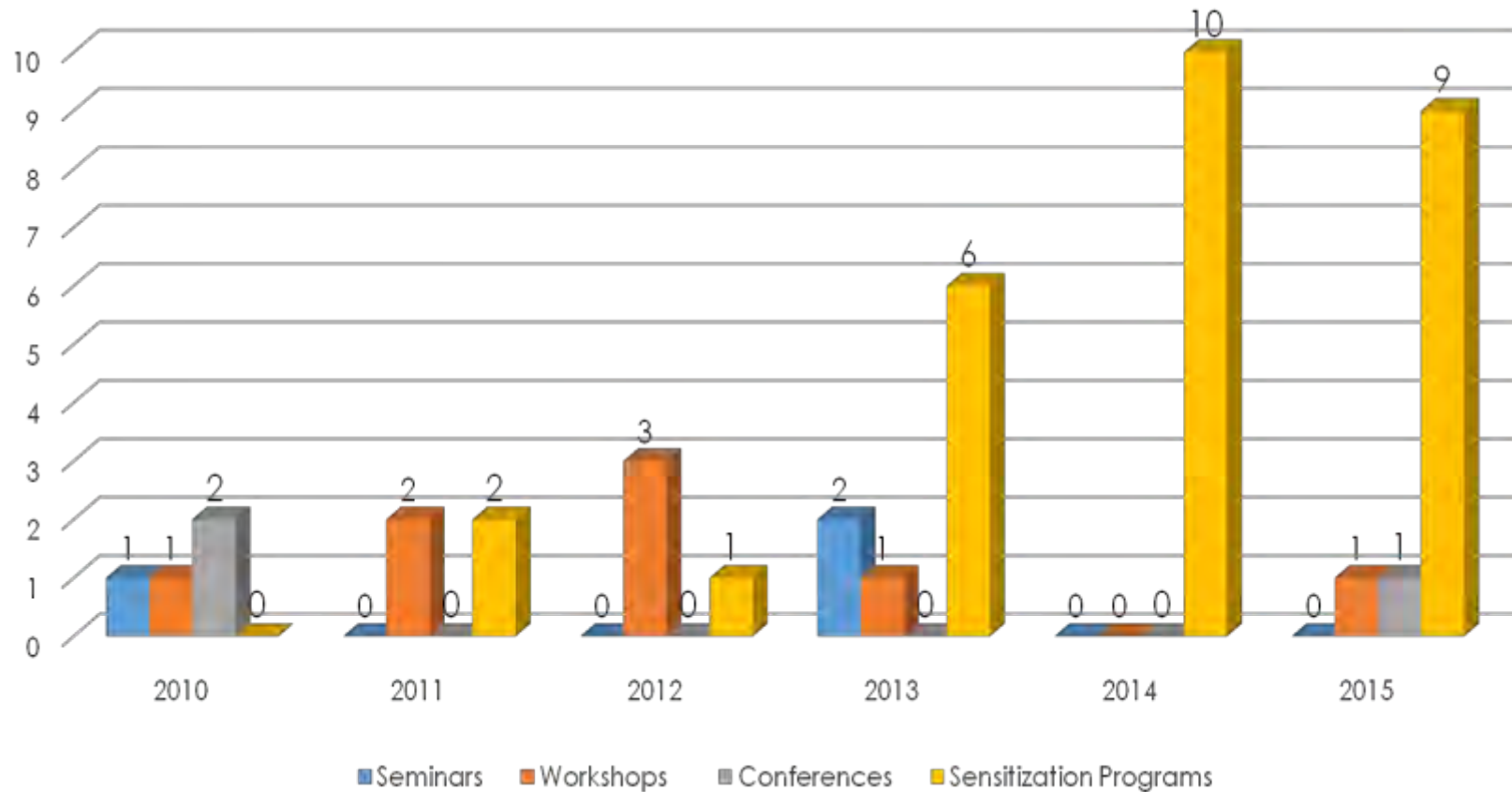
**Online Transactions-9914 downloads in last five years**

**Reprography Facility-05 depts**

**User awareness program for remote access facility of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**



# Seminars, conferences & workshops organized by the Institution



# Research Co-ordination Committee

Sr. No.	Name of Faculty member	Designation	Name of the Department	Position	Responsibilities Executed
1	Dr. Mrs. H.J. Wankhede	Director	-----	President	<p>Scrutiny of proposals for recognition as Ph.D. research guide for affiliating university.</p> <p>Facilitating the submission of Ph.D. theses.</p> <p>Processing of Ph.D. students admission.</p> <p>Forwarding minor and major research proposals.</p> <p>Scrutiny of proposals for recognition as Ph.D. research guide for other University.</p> <p>Recommending the faculty for use of infrastructure and laboratory facilities for Ph.D. Research.</p>
2	Prof. Sahera Nasreen	Professor	Botany	Chairman	
3	Prof. R. A. Satpute	Professor	Biotechnology	Member	
4	Dr. (Mrs.) S. M. Dharmadhikari	Associate Professor	Microbiology	Member	
5	Dr (Mrs) S. A. Peshwe	Associate Professor	Microbiology	Member	
6	Dr. S. M. Deshpande	Associate Professor	Geology	Member	
7	Dr. M. A. Sonar	Assistant Professor	Geology	Member	

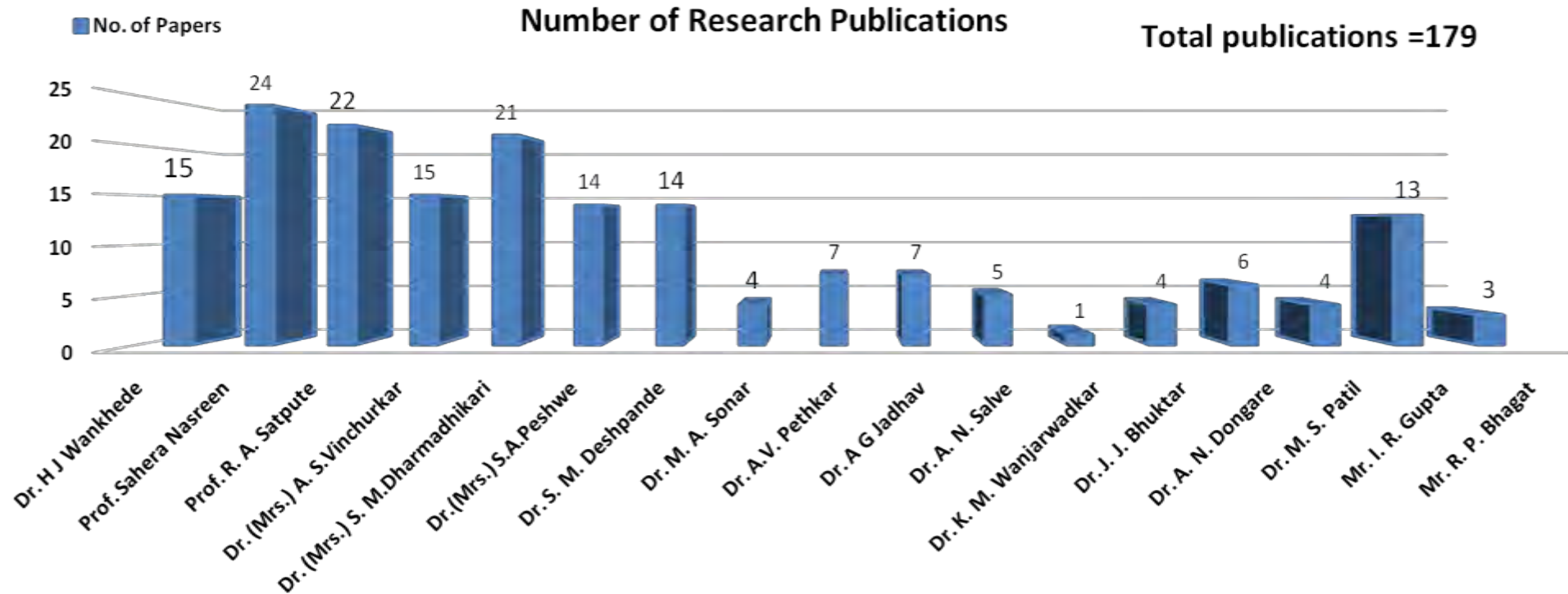
# Faculty Presentations in Conferences Abroad

Sr. No.	Name of Faculty	Facility Provided	Year
1	Dr. A. N. Dongre	Permitted and granted leave to pursue research in Guttenberg, <a href="#">Germany</a>	2012
2	Dr. A.V. Pethkar	Permitted and granted leave to participate in International Conference held at Reduit, <a href="#">Malaysia</a>	2012
3	Dr. (Mrs.) S. M. Dharmadhikari	Permitted to participate in International Conference at Rajiv Gandhi Science Centre, <a href="#">Mauritius</a>	2013
4	Dr. (Mrs.) S. A. Peshwe	Permitted to participate in International Conference at Rajiv Gandhi Science Centre, <a href="#">Mauritius</a>	2013
5	Mr. I. R Gupta	Permitted and granted leave to participate in International Conference at <a href="#">Malaysia</a>	2013
6	Dr. A. N. Dongre	Permitted and granted leave to pursue postdoctoral research in Johannesburg University, <a href="#">South Africa</a>	2014
7	Mr. I. R Gupta	Permitted and granted leave to participate in International Conference at San Diego, <a href="#">USA</a>	2015
8	Mr. I. R Gupta	Permitted to participate in International Conference at New Orleans, <a href="#">USA</a>	2016
9	Prof. Sahera Nasreen	Acceptance received for oral presentation in 8 <sup>th</sup> International congress of Environmental Research ICER-16 to be held at Luebeck, <a href="#">Germany</a>	2016

# Details of Research Guides in the Institute

Sr. No.	Name of Research Guide	Subject	Year of Approval	No. of candidates registered for Ph.D.	No. of candidates awarded Ph.D.
1	Dr. (Mrs.) H. J. Wankhede	Zoology	2004	05	11
2	Prof. Sahera Nasreen	Botany	1996	08	12
3	Prof. R. A. Satpute	Botany	2003	08	08
4	Dr (Mrs.) S. M. Dharmadhikari	Microbiology	2007	05	05
5	Dr (Mrs.) S. A. Peshwe	Microbiology	2007	05	03
6	Dr. S. M. Deshpande	Geology	2007	10	01
7	Dr. M. A. Sonar	Geology	2007	03	01
8	Dr. A. V. Pethkar	Microbiology	2014	03	00
9	Dr. (Mrs.) A. S. Vinchurkar	Biophysics & Biotechnology	2012 & 2013	11	00
10	Dr. A. N. Salve	Botany	2014	05	00
11	Dr. A. N. Dongre	Geology	2014	03	00
12	Dr. S. G. Gupta	Microbiology & Biotechnology	2000 2008	06	04
13	Dr. A. G. Jadhav	Microbiology	2015	00	00
<b>Total Number of Research Students</b>				<b>54</b>	<b>45</b>

# Publications of faculty past five years



# Research awards received by the faculty

## Dr . Mrs. H. J. Wankhede-

- Fellowship awarded by FIAES (Indian Academy of Environmental Sciences Hardwar)
- Won a Gold medal for poster presentation in National conference on environment and natural disaster management, Jaipur University
- Bioved research fellowship award 2012 at Allahabad
- Awarded for popularization of science in Hindi by Vigyan Prasar Parishad Allahabad (2012-13)
- Mark of Honour by Bhoge career academy, Aurangabad for guidance in UPSC, MPSC & other competitive exam (2012)
- Mark of Honour by Bhoge career academy, Aurangabad for guidance in UPSC, MPSC & other competitive exam (2014)

## Dr A. N. Dongre-

- Received Young Researcher Award- 2009 from Government of India, Ministry of Mines
- Received two years (26.10.2014-26.10.2016) Post Doctoral research fellowship from Johannesburg University, Johannesburg, South Africa.
- Received Young Researcher Award-2015 from Governement Of India, Ministry of Earth Sciences.

## Dr. R. R. Deshpande

- Received Best Teacher Award by Rotary Club, Aurangabad

# Research awards received by the faculty...

## **Mrs. V. N. Wadekar**

- Selected as a Summer Research Fellow (SRF-2013) by Indian Academy of Science Bangalore
- Awarded by Indian Academy of Sciences for successful completion of summer research project.

## **Mr. I. R. Gupta**

- Received Travel Grant from Indian Council of Medical Research, Government of India, for presentation of research paper in International Conference on Environmental Science and Biotechnology, Kuala Lumpur, Malaysia
- ASIO Travel Grant awarded by Society of Toxicology SOT for presenting a paper at International Conference to be held in March 2016 at New Orleans, USA

## **MR. S.G.Kulkarni**

- Nominated as member INSA-IUPAB National Committee (2016-2019)

# Consultancy offered by the Departments

Sr. No.	Name of Department	Consultancy Offered	Amount
1.	Geology	<ul style="list-style-type: none"> <li>• Consultancy of groundwater exploration</li> <li>• Consultancy of groundwater quality for major and trace elements</li> <li>• Geological field guidance.</li> <li>• Consultation for rain water harvesting and conservation of water.</li> </ul>	45000
2	Botany	<ul style="list-style-type: none"> <li>• Taxonomical identification of Fungal cultures</li> <li>• Fungal identification of samples from forensic laboratories.</li> <li>• Mushroom cultivation</li> </ul>	2400
3	Microbiology	<ul style="list-style-type: none"> <li>• Microbiological analysis of contaminants from food beverages and pharma industries.</li> <li>• Antimicrobial susceptibility tests.</li> <li>• Potability of water.</li> <li>• Effluent analysis.</li> <li>• Provision of Microbial culture collection</li> </ul>	3000
4.	Biophysics	<ul style="list-style-type: none"> <li>• Gamma irradiation facility</li> </ul>	
5.	Biotechnology	<ul style="list-style-type: none"> <li>• PCR based identification and amplification</li> <li>• Certification of establishment of Biotech based small scale industries.</li> </ul>	1000
	<b>Total</b>		<b>51400</b>



# Sports Facility

Outdoor Games	Indoor Games
Cricket	Badminton,
Foot Ball	Table Tennis
Volley Ball	Chess
Gymnastics	Carrom

# Organization of extension and outreach programs

**National Science Day Celebration every year**

**Seminar on Emerging trends in Biodiversity & Environment (2010)**

**Workshop on Capacity Building on Women Managers in Higher Education (2010)**

**Radio Talk by Mr. S G Kulkarni (2011)**

**National Service Scheme every year**

**Publication of Annual Magazine Published in 2010 & 2016**

**C.V. Raman Lecture Series (2016)**

**Annual Social Gathering every year**

**Publication of online research Journal entitled 'Journal of Frontier Research in Science' (initiated in 2016)**

**Radio talk by Dr. H J Wankhede (2016)**

**Institute Foundation day on 14<sup>th</sup> August is celebrated as open day allowing public visits to all laboratories and library**

# Activities through NSS unit

## **'Swachhata Abhiyan'**

**Health checkup and Blood donation camp.**

**Rallies creating awareness about Polio and AIDS**

**Awareness about science to spread door to door within community.**

**Villages were adopted and various beneficial activities have been carried out**

**Cleaning the campus within and around the Institute along with NSS volunteers.**

**Slogan and Poster Competition for students on the theme of energy conservation to create its awareness.**

**Tree plantation activity**

**A Program entitled "Jagar Janivaanvcha" to encourage the female students enrolment in higher education.**

**Celebrations such as Teachers' Day & Guru Pournima,**

**Conservation of ground water**

# Staff Welfare Facilities

**Credit Co-operative society**

**House Building Loan**

**Computer purchase loan**

**Vehicle loan**

**Group /Accident Insurance scheme (from April 2016)**

**Servant quarters**

**Medical re-imbusement facility**

**Study leave**

**Special leave ( Dr. A N Dongre-Sabatical Leave 2014-2016)**

**LTC/MLTC**

# Industry- Institution –Community interactions

Sr. No	Name of Industry	Benefits
1	Wockhardt Research Institute 08 (2014 & 2015)	Placement
2	Ellora Biotech 02 (2014)	Placement
3	ONGC,Vadodara 02 (2013)	Training /Dissertation
4	MRSAC, Nagpur 11 (2013 & 2014)	Training /Dissertation
5	Aditi Infotech, Nagpur 03 (2013)	Training /Dissertation
6	Allana Frigorico Ltd. 06 (2012)	In-plant Training
7.	Aurangabad Distillers and Blenders Ltd, Aurangabad 03 ( )	In- Plant Training
8	Garware Community Centre (2015 & 2016)	Increasing Science awareness among school children

# Best Practices

**Experiential Training for Overall Development**

**Nurturing value-based education, social responsibilities and good citizenry**

**Active Govt. Institute of Science Employee Co-operative Society for the welfare of staff**

**Holding periodic Parents-Teachers meet –every year**

**Active presence of Alumni**

**Having felicitations of achievements of a faculty in Staff Council Meetings**

**Felicitating student achievers**

**Yoga Sessions -2015**

**Vermi Composting 2015**

**Open Day Celebrations 14 Aug. 2016**

# Innovative Practices

**Effective internal assessment system**

**Introduction of independent paper on Research Methodology and Communication Skills and one mini-project per semester per student.**

**Visiting faculty and alumni are invited in the Institute for expert lectures.**

**In-plant training & visits to industry and research organizations, field study, participation in conferences, summer projects are regularly encouraged.**

**Guidance for the NET/SET and other competitive examinations.**

**Emphasis on the utility of e-resources**

**Library orientation has been regularly practiced to nurture students for effective use of library resources.**

**The extended hours of reading room facility is provided to the students during the pre-examination days.**

**User awareness program and book exhibitions are organized for stimulating extensive use of library.**

**Department of Biophysics initiated subjective and practical training in Electrophysiology, A software based equipment "LAB TUTOR" AD Instruments, Australia is purchased and utilized to perform the experiments.**

# Step-In ( S Tudent Empowerment INitiative)

**STEP-IN**" (STudents EmPowerment INitiative), an initiative venture to establish Industry-Institute Advisory Forum and implement action programs for Human Resource Development in respective fields.

**Vision** :- "to be most admired Industry-Institute advisory forum engaging youngsters in education and equip tomorrow's workforce with relevant skills by linking with industry requirements"

**Mission**:- "To inculcate employability/entrepreneur skills in the students by high quality academic experience, developing performance competencies through hands on training in modular employable skills and helping them to meet job-fit skill requirement of the industry"



# Aims and Objectives of STEP IN

**To establish strong rapport between Industry and Institute.**

**To encourage the exchange of knowledge to student learners regarding intricacies of industrial sectors.**

**To design/blend industry-need based curriculum to meet the skill-force requirement.**

**To arrange special lectures of eminent persons from industries and institutions.**

**To organize Entrepreneur Development Programs in association with the industry and related organizations.**

**Placement through campus interviews programs in collaboration with industries.**

**To promote students to participate in in-plant training programs in related industries/organizations**

# Strategy for execution of activities under STEP-IN

**Establish strong links between Industry and Institute co-ordination**

**Develop and Translate Campus to Corporate curricula**

**Undertake skill development initiatives by blending modular employable**

**Skill based programs**

**GISA initiated alumni lecture series in all departments**

# Women's Grievance Redressal Cell

Sr. No.	Name	Designation	Departments	Year
1	Dr. Mrs. H.J. Wankhede	Director		2015
2	Prof. Sahera Nasreen	Chairperson	Botany	2013
3	Dr. S. A. Peshwe	Member	Microbiology	2013
4	Dr. S. M. Dharmadhikari	Member	Microbiology	2013
5	Mrs. V.N. Wadekar	Member	Biophysics	2013
6	Dr. M. S. Patil	Member	Biotechnology	2013
7	Dr. Smt. S.P. Pande	Member	Non-Govt.	2013
8	Dr. Smt. P.N. Patil	Member	Non-Govt.	2013
9	Mr. M.K. Thombare	Member	Admin.	2013
10	Dr. S. P. Bidarkar	Secretary	Library	2013

# Environment Friendly Activities

**Energy conservation through use of solar heaters in Hostels (2012)**

**Solar distillation plant for generating distill water –in Biophysics Dept. (2015)**

**Rain water harvesting in hostels**

**Solid waste management through bio composting (2011)**

**Offering consultancy awareness camps in jails, schools and industries in Marathwada region (2011)**

**Active involvement in clean India Initiatives (2015)**

**Water conservation through construction of bunds by NSS volunteers in campus and adopted villages (2012 & 2014)**

**Construction of bunds on hills around campus for recharging the ground water table**

**Tree plantations 'Hanuman Tekdi' to increase the green cover (2013 & 2014)**

**Awareness regarding Renewable Energy by Dr. Dhamija from Renewable Energy Ministry, Govt. of India for spreading the message of energy conservation and Govt. schemes for establishing alternate & renewable energy sources (2016)**

# Post Accreditation Initiatives

**Submitted the proposal for approval seeking permission for initiation of short term training courses for PG and Ph.D. students under Skill development Initiatives.**

**02 Professors (2011), 04 Associate Professors (2012) & 08+01 Assistant Professors (2012 & 2015) have been recruited by the Government of Maharashtra to the vacant positions.**

**Proposal for filling of adequate number of Non-teaching staff has been submitted to the Government and continuous follow up is taken.**

**AMC is in process as per the existing Government Procedure. The persuasions in this regard is being made at Government level for making separate financial resources for establishment of Annual maintenance contract**

**Staff members in the Institute have received financial assistance under different Research Projects enriching the research atmosphere.**

# Post Accreditation Initiatives...

**Twelve staff members have been recognized as Research guides**

**There is a increase in the number of consultancy**

**Library computerization has been initiated and free Internet facility has been provided to the students.**

**UGC-INFLIBNET facility has been subscribed by the Institute to make e-books and e-journal available for referencing.**

**Institute has established Placement and Training cell**

**Institute has established Industry- Institute Advisory Forum**

**Government has established a database of the staff linking financial disbursement of salaries (*Sevarth*).**

**Lady teaching staff has been given the responsibility of Girls Hostel**

**MoUs have been signed with universities, institutions and industries**

# Panorama of Activities



**Industry- Institute Interaction**



**Geology conference 18-20 Dec. 2016**



**Samvidhan Din- Dr. Bhoge 26.11.2015**



**Dr. Dhamija –Talk on renewable Energy  
12.01.2016**



**C V Raman Lecture Series 23.02.2016**



# INSTITUTE -INDUSTRY ADVISORY FORUM 26.02.2016





# NSS ACTIVITIES



**NSS GROUP  
2010-2015**



# ANNUAL GATHERING



Gathering 17.02.2016



**SPORTS ACTIVITIES**







**MoU with Dr. BAMU Aurangabad 04.03.2016**



**SWAMI VIVEKANAND JAYANTI 12.01.2016**



**BOOKS EXHIBITION INAUGURATION 09.02.2016**



**LIBRARY ORIENTATION PROGRAM 09.02.2016**



**REGULAR YOGA CLASSES 2015-16**



**RARE PICTURES GALLERY OF DR. BABASAHEB AMBEDKAR 09.02.2016**