



Annual Quality Assurance Report (AQAR) of the IQAC

Academic Year
2015-2016

**GOVERNMENT INSTITUTE OF SCIENCE,
NIPAT NIRANJAN NAGAR, CAVES ROAD
AURANGABAD-431 004, MAHARASHTRA**

The Annual Quality Assurance Report (AQAR) of the IQAC 2013-14

Part – A

I. Details of the Institution

1.1 Name of the Institution

1.2 Address Line 1

Address Line 2

City/Town

State

Pin Code

Institution e-mail address

Contact Nos.

Name of the Head of the Institution:

Tel. No. with STD Code:

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

iqacgis@gmail.com

1.3 NAAC Track ID(For ex. MHCOGN 18879)

MHCOGN11453

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC(SC)/14/A&A/34.2 dated 29-03-2016

1.5 Website address:

www.inosca.org

Web-link of the AQAR:

<http://www.inosca.org/AQAR2015-16.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B++		2004	2004-2009
2	2 nd Cycle	B	2.74	2016	2016-2021
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC: DD/MM/YYYY

15/01/2005

1.8 AQAR for the year (for example 2010-11)

2015-16

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- i. AQAR 2005-06 submitted to NAAC on 31/05/2014
- ii. AQAR 2006-07 submitted to NAAC on 31/05/2014
- iii. AQAR 2007-08 submitted to NAAC on 31/05/2014
- iv. AQAR 2008-09 submitted to NAAC on 31/05/2014
- v. AQAR 2009-10 submitted to NAAC on 31/05/2014
- vi. AQAR 2010-11 submitted to NAAC on 22/05/2014

- vii. AQAR 2011-12 submitted to NAAC on 05/12/2014
 viii. AQAR 2012-13 submitted to NAAC on 05/12/2014
 ix. AQAR 2013-14 submitted to NAAC on 05/12/2014
 x. AQAR 2014-15 submitted to NAAC on 13/01/2016
 xi. AQAR 2015-16 submitted to NAAC on 01/07/2017

1.10 Institutional Status

University State ☐ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☐ No ☒

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☒ Rural ☐ Tribal ☐

Financial Status Grant-in-aid ☐ UGC 2(f) ☒ UGC 12B ☒

Grant-in-aid + Self Financing ☐ Totally Self-financing ☐

1.11 Type of Faculty/Programme

Arts ☐ Science ☒ Commerce ☐ Law ☐ PEI (PhysEdu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☐

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Dr. Babasaheb Ambedkar
Marathwada University,
Aurangabad (Maharashtra State)

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

--

University with Potential for Excellence

--

UGC-CPE

--

DST Star Scheme

--

UGC-CE

--

UGC-Special Assistance Programme

--

DST-FIST

✓

UGC-Innovative PG programmes

--

Any other (*Specify*)

--

UGC-COP Programmes

--

2. IQAC Composition and Activities

2.1 No. of Teachers

06

2.2 No. of Administrative/Technical staff

04

2.3 No. of students

01

2.4 No. of Management representatives

01

2.5 No. of Alumni

01

2. 6 No. of any other stakeholder and
community representatives

01

2.7 No. of Employers/ Industrialists

01

2.8 No. of other External Experts

01

2.9 Total No. of members

16

2.9.1 Chairman

01

2.9.2 Co-ordinator

01

2.10 No. of IQAC meetings held

06

2.11 No. of meetings with various stakeholders:

No.

00

Faculty

06

Non-Teaching Staff /Students

00

Alumni

00

Others

--

2.12 Has IQAC received any funding from UGC during the year? Yes ☐

No



If yes, mention the amount

2,70,000/- for 5 Years

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.

00

International

--

National

--

State

--

Institution Level

00

(ii) Themes

NA

2.14 Significant Activities and contributions made by IQAC

- The faculty members are encouraged to participate in the framing and revision of syllabus as a part of various committees in the University
- The staff members are encouraged to submit research projects to various funding agencies, pursue research work, and publish papers in peer reviewed and refereed journals participate in and organize conferences.
- Students are kept informed about career opportunities through the Placement and Training Cell.
- The faculty members are encouraged to participate in conferences in India and abroad.
- One faculty member engaged in post-doctoral training in S. Africa.
- The guest lectures by eminent persons are arranged to keep the students abreast of the current developments in the subject.
- Study tours and industrial visits are organized in order to acquaint the students with the application of their theoretical knowledge.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
<ul style="list-style-type: none"> • Encouraging the faculty members to contribute to syllabi designing and revisions. • Setting up a “Placement and training Cell” in the institute for providing guidance to the students with respect to admissions, career prospects, preparation for competitive exams, placement and training and personal counselling. • Motivation to the teaching staff in faculty development programmes. • Focus on research activities to be carried out by staff and students. • Providing additional library facilities such as reading room for students and staff, separate newspaper reading facility and open access facility. • Inviting experts from various fields and alumni for guest lectures, seminars, workshops, conferences. • Organizing study tours for the students 	<ul style="list-style-type: none"> • The faculty members are involved in the framing and revision of syllabus as a part of various committees in the University • The Placement and training cell established to offer career guidance to the students and to co-ordinate with the Institutes and Industries for arranging in campus or off campus interviews. • One faculty member engaged in post-doctoral research in S. Africa. Another faculty member presented research paper in an International Conference in the USA. • The staff members are encouraged to submit research projects to various funding agencies, pursue research work, and publish papers in peer reviewed and refereed journals participate in and organize conferences. • The guest lectures by eminent persons are arranged to keep the students abreast of the current developments in the subject. • Study tours and industrial visits are organized in order to acquaint the students with the application of their theoretical knowledge.

* Pl. see Annexure 1 for the Academic Calendar 2015-16

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☐ Syndicate ☐ Any other body ☒

Provide the details of the action taken

AQAR was placed before the regular staff council meetings. Suggestions from members were duly considered for the preparation of the AQAR.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	05	--	--	--
PG	05	--	--	--
Total	10	--	--	--

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options - CBCS is implemented from the academic year 2015-16.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	05
Trimester	--
Annual	--

1.3 Feedback from stakeholders* (On all aspects)

Alumni	<input type="checkbox"/>	Parents	<input checked="" type="checkbox"/>	Employers	<input type="checkbox"/>	Students	<input checked="" type="checkbox"/>
Mode of feedback:		Online	<input type="checkbox"/>	Manual	<input checked="" type="checkbox"/>	Co-operating schools (for PEI)	<input type="checkbox"/>

* Pl. see Annexure 1 for the Analysis of student/parents' feedback

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Members of the Teaching Staff hold numerous responsible positions in University appointed committees, take important decisions and thereby contribute to value addition in the teaching-learning process.

The faculty members are associated with the Board of Studies of the affiliating University.

Prof. S.G. Kulkarni: Chairman of Board of Studies in Biophysics

Dr. Mrs. S. M. Dharmadhikari-- Member of the Board of Studies in Microbiology, Member of the 32/5 in Microbiology, Member of the faculty of Science

Dr.A.G. Jadhav: Member of Board of studies in Bioinformatics

Dr. S. Nasreen: Member of the Syllabus framing committee in Botany

Dr. A. N. Salve: Member of the Syllabus framing committee in Botany

Dr. M.S. Patil: Member, Member of syllabus framing committee in Engineering Biotechnology

1.5 Any new Department/Centre introduced during the year. If yes, give details: Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
20	15	03	02	00

2.2 No. of permanent faculty with Ph.D.

16

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
15	06	03	07	02	02	--	--	20	15

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest faculty = 19

Visiting faculty = 12

Temporary faculty = 26

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level/others	Total
Attended Seminars/	05	01	02	08
Presented papers	02	01	--	03
Resource Persons	00	08	09	17
Presented by co-authors	10	--	--	10
Total	17	10	11	38

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- The students and Staff are encouraged for participate in Conference/Workshops/Symposiums so as to have academic exposure to latest trends in Science.
- Library access to students beyond office hours during exams for better preparation.
- Students have been assigned uniform for the sake of maintenance of discipline.
- Parents Meet is conducted periodically.
- Regular guidance for different competitive exams is given.
- The modern techniques are used for teaching and learning process, viz. LCD projection, on-line resources, YouTube, etc.
- The social responsibilities are imbibed in the students. The relevant programs are organized by the NSS unit.
- Researchers from other Institutions are allowed to use laboratory and library facilities in the Institute.
- Analytical facilities and consultancies are provided free of cost to Researchers from other Institutions
- Students are encouraged to deliver seminars and given assignments to enhance their conceptual understanding and presentation skills.
- NET-SET Preparatory Test is conducted to encourage students to appear and qualify NET, SET, GATE.
- Alumni interact with students and provide guidance regarding job prospects and competitive exams.

2.7 Total No. of actual teaching days during this academic year

180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Nil

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

BOS members = 05

Other members = 04

Curriculum development workshops = 02

2.10 Average percentage of attendance of students

> 75%

2.11 Course/Programme wise distribution of pass percentage (M.Sc. 2nd Year):

Title of the Programme	Total no. of students appeared	Division					
		Distinction (%)	I (%)	II (%)	III (%)	Fail	Pass %
Biophysics	06	00	33.33	66.66	00	00	100
Biotechnology	12	00	41.67	33.33	00	25	75.00
Botany	15	6.67	60	13.33	00	20	80.00
Geology	23	26.09	39.13	17.39	08.70	08.70	91.30
Microbiology	19	15.79	52.63	26.32	00	05.26	94.74

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

The IQAC ensures the following:

- (i) Academic calendar and teaching time table is strictly followed,
- (ii) Student feedback is obtained and analyzed for improving teaching learning performance
- (iii) IQAC ensures that Key Performance Indicators (KPI) as laid down by the Government are monitored by the KPI committee and necessary steps are taken by faculty members for quality enhancement on the basis of the KPI evaluation.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	01
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	02
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	02
Summer / Winter schools, Workshops, etc.	--
Others	00

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	17	02	00	02
Technical Staff	01	00	00	00

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- The staff members are encouraged to submit research projects to various funding agencies, pursue research work, publish papers in peer reviewed refereed journals, participate in and organize conferences.
- The faculty members are encouraged to participate in International and National level conferences/workshops/symposia both in India and abroad.
- Faculty members are encouraged to undertake training in National/International laboratories.
- Guest lectures by eminent persons are arranged to keep students abreast of current developments in the subject.
- Study tours and industrial visits are organized in order to acquaint the students with the application of their theoretical knowledge.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Received	Submitted
Number	-	04	Nil	Nil	2
Outlay in Rs. Lakhs	-	91,64,000	Nil	Nil	65,00,000

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	02
Outlay in Rs. Lakhs	Nil	Nil	Nil	09,00,000

3.4 Details on research publications

	International	National	Others
Peer Review Journals	12	--	
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	01	02	--

3.5 Details on Impact factor of publications:

Range

0 – 7.178

Average

1.571

Total IF= 32.162, Total publications= 14, Average= 2.29

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2015-16	FIST	50,00,000	39,50,000
		UGC	12,00,000	6,00,000
		UGC	12,00,000	6,00,000
		DST-WOS A	14,70,000	11,65,000
Minor Projects	2015-16	Nil	Nil	Nil
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects <i>(other than compulsory by the University)</i>	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	91,64,000	63,15,000

3.7 No. of books published i) With ISBN No.

Nil

Chapters in Edited Books

04

ii) Without ISBN No.

Nil

3.8 No. of University Departments receiving funds from

UGC-SAP

--

CAS

--

DST-FIST

--

DPE

--

DBT Scheme/funds

--

3.9 For colleges

Autonomy

--

CPE

--

DBT Star Scheme

--

INSPIRE

--

CE

--

Any Other (specify)

DST-FIST

3.10 Revenue generated through consultancy

Department of Botany provided microbial cultures, culture identification services and analytical services to State Regional forensic laboratories free-of-cost.

Department of Biophysics provided gamma irradiation facility and earned Rs. 10,000 for the same.

Department of Microbiology provided bacterial cultures to colleges free of cost.

Department of Geology provided consultancy for groundwater survey and groundwater analysis and generated approx. Rs. 10,000.

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	--	01	00	01	-
Title	-	XXV Indian Colloquium on Micropaleontology and Stratigraphy	-	Workshop on M. Sc. Botany Syllabus	
Date		18-20 Dec. 2015		23- 24 Jan. 2015	
Sponsoring agencies	--	Dept. of Science and Technology, Govt. of India and Oil and Natural Gas Corporation Ltd., Dehradun	--	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	-

No. of faculty served as experts, chairpersons or resource persons

25

3.13 No. of collaborations

International

00

National

25

Any other

00

3.14 No. of linkages created/maintained during this year

10

3.15 Total budget for research for current year in lakhs:

From Funding agency

13,58,000

From Management of University/College

NIL

Total

13,58,000

3.16 No. of patents received this year

Type of Patent	Number	
National	Applied	In process
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows/students of the institute in the year

Total	International	National	State	University	Dist	College
	04	01	--	--	--	--

3.18 No. of faculty from the Institution

who are Ph. D. Guides

11

and students registered under them

34

3.19 No. of Ph.D. awarded to faculty from the Institution

00

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events:

University level State level

National level International level

3.23 No. of Awards won in NSS:

University level State level

National level International level

3.24 No. of Awards won in NCC:

University level State level

National level International level

3.25 No. of Extension activities organized

University forum College forum

NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

The NSS unit conducts social and community services in and around Aurangabad city.

- NSS volunteers constructed Check-Dam in campus for water conservation.
- NSS volunteers organized stree-plays for creating awareness against female foeticide.
- NSS volunteers organized tree plantation in the campus and planted 50 trees.
- NSS volunteers carried out cleanliness campaign in the campus.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area (acres)	25	--	State Govt.	25
Class rooms	10	--	State Govt	10
Laboratories	15	--	State Govt	15
Seminar Halls	02	--	State Govt	02
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	11	04	DST-FIST	15
Value of the equipment purchased during the year (Rs. in Lakhs)	15,11,081	39,00,591	DST-FIST	54,11,672
Others	--	--	--	--

4.2 Computerization of administration and library

The administration section and the library are partially computerized and therefore computerized mechanism is used for administration and process of admission.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	6564	21,51,875	63	62,363	6627	22,14,238
Reference Books	2110	15,26,951	37	1,96,244	2147	17,23,195
e-Books	N-LIST consortium 93809+	Yearly subscrip., Rs. 5000	N-LIST & Remote Access of BAMUL Consortium 1,49,839	Yearly subscrip., Rs. 5700 +7000	N-List Consortium	Yearly subscrip., Rs. 12700
Journals	25	3,07,837	--	--	25	3,07,837
e-Journals	N-LIST consortium 6247+	Yearly subscrip., Rs. 5000	N-LIST consortium 42449	Yearly subscrip., Rs. 5700	N-List Consortium & BAMUL	Yearly subscrip., Rs. 12700
Digital Database	--	--	9373	--	--	--
CD & Video	77	--	01	--	78	--
Others (specify)	--	--	--	--	--	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	97	11	--	--	--	09	76	01
Added	06	--	--	--	--	04	--	02
Total	103	11	--	--	--	13	76	03

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up-gradation (Networking, e-Governance etc.)

The teachers have basic knowledge of computer operation and all teachers have qualified MH-CIT exam conducted by Government of Maharashtra. The computers are used by the students for preparing presentations and to obtain information from internet. Internet facility is available twenty four hours free of cost. Log books are maintained to record the usage of these facilities. A computer laboratory has been set up under DST-FIST programme with 11 computers having internet connection for students.

4.6 Amount spent on maintenance (Rs.):

i) ICT

10,000

ii) Campus Infrastructure and facilities

1,11,180

iii) Equipments

1,09,428

iv) Others

17,51,941

Total:

18,82,479

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Library services are made available for extended hours.
Pre university examinations are conducted.
Committee is constituted for facilitating scholarship to the students.
Placement and Training Cell is established.

5.2 Efforts made by the institution for tracking the progression

Institute has constituted separate committees to cater different support activities.
Result record is maintained and analyzed.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
00	174	34	00

(b) No. of students outside the state

00

(c) No. of international students

02

Men	No	%	Women	No	%
	93	52.84		83	47.16

Last Year (2014-15)						This Year (2015-16)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
80	28	08	34	00	174	100	24	04	26	00	174
DNT	NT	EBC	SBC			DNT	NT	EBC	SBC		
05	08	10	01			00	12	05	03		

Demand ratio = 4.62

Dropout % = 16.86

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Guidance is given to the students for preparation of competitive examinations like NET/SET/GATE etc.

No. of students beneficiaries

All

5.5 No. of students qualified in these examinations

NET	<input type="text" value="07"/>	SET/SLET	<input type="text" value="01"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

5.6 Details of student counseling and career guidance

- Regular meetings of students and teachers are held in the Departments wherein the guidance and counselling is done.
- Various activities are organized by the Institute to enable the students to develop certain skills, viz. seminars, research projects, interactions with alumni for career guidance, etc.
- Students are motivated and guided for participation in regional, University and State level Avishkar Research Competitions.
- The students are provided an access to the computers in the department where they are guided by the teachers for various aspects like in the art of preparing power point presentation for the seminars, preparing posters for participation in conferences etc.
- Guidance is also given to the students for preparation of competitive examinations like NET/SET/GATE etc.
- The staff members provide academic and personal counseling to the students as and when needed.
- The students are guided and encouraged in availing facilities like e-journals, sophisticated instruments and bioinformatics software and statistical software skills

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
01	17	06	04
Summer Training Programme	6 students of M.Sc. Part I Microbiology got in-plant training in two industrial organizations, viz. Ellora Biotech & Agro Services Pvt. Ltd., Aurangabad and Frigorifico Allana Pvt. Ltd., Aurangabad. 02 students of M.Sc. Part I Biotechnology got training at Wockhardt Ltd., Aurangabad 02 student of M. Sc. Botany Part –II were selected as Project fellows in DST funded project at SU Kolhapur and TIFR -Mumbai		

5.8 Details of gender sensitization programmes: Nil

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

Other

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

Other

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government	64	1,07,105
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11 Student organized / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed NIL

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision Statement: ACCELERATING SCIENCE EDUCATION FOR HUMAN WELFARE OR ACCELERATING SCIENTIFIC TEMPERAMENT FOR HUMAN WELFARE (ENDEAVOUR)

To be a world class Science Institution, pursuing for academic and scientific excellence, catering to the needs of global community, striving for its harmonious development by inculcating life-long learning skills to serve for the socio-economic development having concern for ecology and social harmony.

Mission Statement

- To develop citizens with scientific temperament, moral and ethical values and multifaceted proactive personality by providing quality education.
- The Institute will opt for autonomy.
- The Institute will evolve system(s) to provide quality education to suit local, regional, National needs and needs that will arise due to globalization.
- The Institute will grow in multi-directions with innovative approaches to serve community at large in front line areas in this new millennium in the field of Science and Technology.
- The Institute will provide practical based training to cater the needs of the industries.
- The Institute will develop and strengthen industry-Institute participation directly in teaching-learning processes and financial aspects of the Institute.
The Institute will start the new departments that will suit its goals, mission and objectives.

6.2 Does the Institution has a management Information System

Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- The institute follows the curricula approved by affiliating university.
- Most of our faculty, being the members/chairman of University Board of studies/Ad-hoc Boards, are framing the syllabi for courses offered
- Faculty regularly revises the syllabi with latest updates.

6.3.2 Teaching and Learning

- The infrastructural facilities (class rooms, laboratories, girls' common room, wash rooms, staff rooms, seminar halls, etc.) in every Department are in tune with norms prescribed by the UGC. In addition, the Departments have basic to advanced infrastructural facilities such as ICT facilities, laboratory equipment, Departmental library, meeting rooms, special instrumentation room, inoculation room, chemical rooms, Departmental stores room, etc. in order to ensure hassle-free and effective teaching-learning atmosphere. Computer laboratory has been established under DST-FIST programme. The provision for ICT enabled advanced audio-visual tools, interactive board etc. are being procured and erected under DST-FIST program.
- Institute also achieves quality improvement by organizing lectures and seminars for teachers and students by eminent alumni, technical experts, academicians and administrators from industries/organizations

6.3.3 Examination and evaluation

- Affiliating university conducts the final examinations as per prescribed norms.
- Institute has designed and implements continuous evaluation

6.3.4 Research and Development

- Teachers are provided with essential laboratory facilities for carrying out research. They are also encouraged to seek funds from various funding agencies and interact with scientific community through presentation of their research work at conferences, seminars, symposia and workshops.
- Teachers are encouraged to participate in training programs which help in grooming their academic and administrative skills.
- The Institute encourages faculty members to visit foreign countries for academic and research accomplishment and for presenting their research work in International Conferences abroad and recommends names of such faculty members to the Department of Higher Education, Pune for Government permissions.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Teachers are provided with essential library facilities for upgrading their knowledge.
- Online subscription of books and journals is made available through UGC-INFLIBNET to keep the academia abreast of latest literature.

6.3.6 Human Resource Management

- Teachers are motivated to enhance their qualities through attending refresher courses, orientation programs, departmental training programs, summer schools, administrative training, short-term training programs, etc. which helps in grooming up their academic and administrative skills.
- Teachers are entrusted with certain duties and responsibilities in addition to the regular teaching and research activities which has resulted in honing their multitasking abilities. Accordingly various committees like Women Grievance Redressal Cell, staff and student grievance redressal cell, anti-ragging committee, Placement & Training Cell, Student Counseling Cell, and Admission Committee, Student Council Committee, Affiliation committee, Prospectus committee, Purchase committee, Scholarship committee, Hostel committee etc. have become instrumental with the help of faculty.
- The non-teaching staff is motivated to attend short term training programs such as those related to the use of computers, etc. They are encouraged to make use of computers and internet facility for administrative work.

6.3.7 Faculty and Staff recruitment

The faculty & staff recruitment is as per the norms and procedures of UGC & Government of Maharashtra.

6.3.8 Industry Interaction / Collaboration

- The Institute interacts fruitfully with industries through Placement & Training Cell and consultancy-extension services. This has resulted in significant number of students getting recruited in industries through on-campus and off-campus interviews.
- The Institute regularly invites experts from industries for invited talks and academic interactions with students and faculty members so as to tune up the human resource with present trends in the industrial sectors.
- The alumni working in various industries share their experiences with the students of the Institute and guide them in building the career.
- Educational tours/industrial visits are organized for exposing the students to the latest industry trends.
- The Institute encourages and recommends M.Sc. Part I students to participate in Summer Projects in industrial units during summer vacations. This helps enriching their exposure to in-plant conditions and enhances their prospects in employment.
- Suggestions from industry are invited and included during revisions in the curricula.
- Industry-Institute Advisory Forum is established under STEP-IN program in order to navigate the industry interactions.

6.3.9 Admission of Students

- Advertisements are made in newspapers and on the Institute Website.
- Admissions are processed following rules and regulations of affiliating university.

6.4 Welfare schemes for

Teaching	Co-operative society, housing loans, vehicle loads, computer loans
Non teaching	Co-operative society
Students	Scholarships

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes ☒ No ☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	DHE, Pune
Administrative	Yes	A.G. office & J.D H.E Aurangabad		

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes ☐ No ☐ Not applicable

For PG Programmes Yes ☐ No ☐ Not applicable

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Not Applicable

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not applicable

6.11 Activities and support from the Alumni Association

- Each Department has a database of alumni and organizes meetings with the alumni.
- A unique activity is initiated as Alumni lecture series (GISA initiated alumni lecture series) wherein alumni of the institute who have made marks in various walks of life are invited to deliver lectures and have a dialogue with the students about the contribution of the Institute in building their career. This helps to motivate the students.
- The Alumni are invited to share their expertise and deliver some lectures from academic curriculum.
- Alumni activities and support to the Institution and each individual department include announcements and communications about new openings and opportunities available at different institution and industries they are attached with, thus acting as a bridge for ensuring the placement of fresh postgraduates.
- Alumni support Training and Placement Cell in organizing campus interviews, recruitment and offering summer training etc.
- Biotechnology department has initiated the activity named 'Walk The Talk', where alumni members deliver lectures and shares their expertise and experience with the students.

6.12 Activities and support from the Parent – Teacher Association

- Parent-teacher association is yet to be established in the Institute. However, parents are invited for feedback on the curriculum. Parents and teachers meet regularly and parents are kept apprised of the Departmental and Institutional activities.
- Each year parents' meet is held in all the Departments. During the meetings, the students, their parents, Director of the Institute, Heads of the Departments and faculty members have a healthy interaction cum discussion on different issues concerning overall improvement and sustenance of quality in the education being imparted through the different courses in the Institute. A suggestion book is maintained for recording the views of the parents. Teachers give regular feedback to parents regarding the progress of students.

6.13 Development programmes for support staff

- The non teaching staff members are motivated to use computers for the maintenance of the records, admission process and other departmental work.
- They are encouraged to participate in training programs

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Tree plantation programs are organized.
- Campus cleaning programs are organized.
- **Energy conservation:** The Institute has adopted several practices for energy conservation such as minimizing use of energy intensive devices, use of power saving devices, solar equipment and pooling the work elements that are energy intensive. The Institute makes use of power saving CFL bulbs for illumination purposes, LED computer monitors and energy saving air conditioners/refrigerators, etc. The fans and lights are put on only when required. In the Department of Microbiology, the autoclave, ovens, hot plates, etc. are put on by authorized personnel or students only after all material is pooled and repetitious use of the instruments is avoided. The Department of Biophysics uses solar power operated water distillation unit to save energy. Solar water heater is installed in the Boys Hostel to provide hot water to the students. The Institute organizes guest lectures and poster presentations to stress the important environmental issues and the need to conserve biodiversity, energy and the environment.
- **Use of renewable energy:** The Department of Biophysics uses solar power operated water distillation unit to save energy. Solar water heater is installed in the Boys Hostel to provide hot water to the students.
- **Water Harvesting and Check Dam Construction:** The NSS unit of the Institute constructed “*VanaraiBandhara*” (check dam) in order to prevent wastage of water. Another check dam constructed more than a decade ago in the Institute campus was rejuvenated by the NSS volunteers. For this desilting, increasing the area of water catchment area, increase in height as well as depth of check dam was carried out. These efforts would significantly increase the water level due to recharge of the wells in the campus on which the boys’ and girls’ hostels are dependent for washing and other purposes.
- **Efforts for Carbon neutrality:** The Institute staff makes minimal use of paper and green-house gas emitting devices. The Institute is about to install e-governance system in order to have paperless office. Minimization of paper is an attempt to reduce the cutting down of trees for paper manufacturing. The Institute encourages new tree plantation within the campus and also in the surrounding areas. The NSS unit of the Institute carried out tree plantation on “*Hanuman Tekdi*”, a small hillock in the vicinity, which was barren.
- **Plantation:** The Institute has carried out tree plantation within the campus and also in the surrounding areas. The NSS unit of the Institute carried out tree plantation on “*Hanuman Tekdi*”, a small hillock in the vicinity, which was barren. The faculty members of Botany Department assign the task of numbering the tree to the students as a part of practical/project work. The department has planted a number of rare and endangered medicinal plants in the Botanical Garden and in the campus.
- **Hazardous waste management:**
- Each department of the Institute ensures proper disposal of the potentially hazardous material/waste generated in the laboratories. The Microbiology, Biotechnology, Biophysics and Botany Departments sterilize all waste microbial cultures by autoclaving prior to disposal. Chemicals such as polyacrylamide and other hazardous chemicals are disposed using proper care. Faculty members of the Institute carry out community awareness program related to solid waste disposal. Such programs have been conducted across the state and other states as well and people are encouraged to grow flowering, fruit plants and mushrooms on household/industrial waste material.
- **e-waste management:** Electronic instruments and computers are used with great care in order to prevent break down of the instruments. This minimizes the

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- The students and Staff are encouraged for participate in Conference/Workshops/Symposiums so as to have academic exposure to latest trends in Science.
- Library access to students beyond office hours during exams for better preparation.
- Students have been assigned uniform for the sake of maintenance of discipline.
- Parents Meet is conducted periodically.
- Regular guidance for different competitive exams is given.
- The modern techniques are used for teaching and learning process.
- The social responsibilities are imbibed in the students. The relevant programs are organized by the NSS unit.
- Researchers from other Institutions are allowed to use laboratory and library facilities in the Institute.
- Analytical facilities and consultancies are provided free of cost to Researchers from other Institutions
- Students are guided and motivated to prepare concise but in-depth descriptive cards of terms/concepts pertaining to the syllabus, now popular as the “R R Pattern”.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- The faculty members are involved in the framing and revision of syllabus as a part of various committees in the University
- The Placement and training cell established to offer career guidance to the students and to co-ordinate with the Institutes and Industries for arranging in campus or off campus interviews.
- The faculty members participated in conferences and workshops. One faculty member participated in International Conference in USA. One faculty member is engaged in post-doctoral research in S. Africa.
- The staff members are encouraged to submit research projects to various funding agencies, pursue research work, and publish papers in peer reviewed and refereed journals participate in and organize conferences.
- The guest lectures by eminent persons are arranged to keep the students abreast of the current developments in the subject.
- Study tours and industrial visits are organized in order to acquaint the students with the application of their theoretical knowledge.

7.3 Give two Best Practices of the institution (*as per the format in the NAAC Self-study Manuals*)

Best Practice 1

1. Title of the Practice

Providing Experiential Training to the students

2. Goal

The Institute nurtures the students in highly interdisciplinary areas of life/biosciences and Earth sciences. Hence, it is essential that in addition to their classroom and laboratory training in the concerned subjects, the students should have an exposure to real world/on-site scenarios to develop integrative approach/strategy and imbibe application oriented approach. The Institute therefore encourages experiential training through arranging various activities, viz. summer projects, industrial trainings, independent handling of research projects, self-designed seminars, participation in National and International conferences, field visits, mine training, hospital demonstrations, industry/institute visits, etc. Competitive exam skill development initiatives and guidance by alumni/invited experts prepare the students for qualifying National level competitive tests.

3. The Context

The students admitted in the Institute are mostly from educationally under privileged Marathwada region. They are unaware of their in-built talent and skills. Due to the lack of academic exposure they cannot decide about their career goals and the utility of the subject in which they are trained. Moreover, the students are reluctant in opting the academic career through National/Global level competitive examinations. The Institute has developed extensive pre-admission counseling mechanism to reduce/remove the fear and phobia about higher studies and assist in choice of subject at M.Sc. level. Mere classroom teaching does not effectively eliminate the senile attitude towards their career honing. Therefore the Institute has seriously addressed this problem by designing multi-directional approach that caters self-learning; developing interest, using interdisciplinary, integrative and object-oriented strategy in learning; broadening of knowledge grasp; analyzing situations and inculcating problem solving/solution finding attitude.

4. The Practice

- Explaining concepts orally to audience facilitates a deeper understanding of the subject. Knowledge dissemination always catalyzes the knowledge grasp. Keeping this in mind, the Institute motivates the students to design and deliver information/concept-based seminars during their curriculum. The display of synopsis, presentation skeleton, overall organization of the seminar events, evaluative feedback/interactive discussion is completely managed by the students which self-mentor their leadership qualities.
- The linkage between classroom learning and field-experience is established through regular visits to industries, research institutes, hospitals, mines, field visits, etc. Here, the students explore new dimensions in the practical application of the subject knowledge. Exhaustive interactions on varied queries by the students with field experts stimulate thirst for learning.
- The Institute strongly believes in enrichment of teaching-learning process using research based approach in concerned subjects. As a consequence the students are allotted with mini-research projects as a part of academic curriculum. Students develop research aptitude by familiarizing with research methodology, analytical tools, data analysis, interpretation skills and presentation skills while implementing these projects independently.
- Students are motivated to undertake summer projects/in-plant training in various organizations/industries/research laboratories outside the Institute, to give them first-hand experience of the organizational settings. They get familiarized with latest trends, quality principles, processing techniques, instrumentation, need for documentation and documentation procedures.
- Students participate enthusiastically in National and International conferences, present research papers/posters, interact with the scientific community and develop contacts that may be useful in their future endeavors. This helps in building up their confidence, will-power and morale.

- Real life/on-site experiences shared by the invited experts, faculties, scientists, entrepreneurs, industry personnel and our alumni with our students culminate in imbibing ethical values and personality traits viz. pride towards the Institute, down-to-earth analytical approach, methodologically buffered strategy, descriptive & illustrative approach.
- Exam skill and experience sharing by alumni who have successfully qualified the competitive examinations developed a positive attitude amongst the students. Students have since then opted enthusiastically to appear in the NET/SET/GATE and other competitive examinations.

5. Evidence of Success

- Seminars presentations have enriched the qualities within the students, viz. gathering the information, designing the talk/presentation, preparing the display slides using computers, co-assisting the presentations with animations, simulating examples, boldness, confidence, clarity of thoughts, integrating information and logic of bridging the concepts, communication skills, analyzing the questions raised and giving appropriate answers, effective use of audio-visual devices and white-board. As a result students could confidently present papers in conferences and interact with scientific community.
- The knowledge acquired through field exposures, summer projects and research projects could successfully amalgamate the theoretical concepts with practical utility which further assisted them in diagnosing and curing the problems/challenges faced in actual work environment. As a result students had a chance to be in vicinity with National and Global experts in research laboratories/industries from whom they could build their personality and contribute significantly to the growth of their organizations. The coveted positions held by alumni highlight the result of these efforts.
- Moral boosting lectures by alumni/invited experts sharing real life/on-job experiences has thoroughly revolutionized the students' mind with strong will to undertake/handle tough challenging situations. The students visualize & follow these mentors as their Role Models and as a result there is boost in the placement percentage within last couple of years.
- The in-house coaching for competitive examinations has yielded success to several students in opting and tackling the National level competitive examinations.

6. Problems Encountered and Resources Required

- The weak academic background and fear within the students poses challenge for the mentoring process. The challenge is further enhanced in case of the economically weaker sections of the students. The strong counseling with little financial assistance at the personal level circumvents these difficulties to certain extent favoring the mentoring process.
- The weak communication abilities consequently leading to shyness within the students was another hurdle in the teaching-learning. The faculty members devoted extra time in building up the communication ability and curb the shyness. The family-like and congenial atmosphere maintained within the Institute further catalyzes the mentoring process.
- Owing to low budgetary provisions, the Institute cannot support economically weaker students for participating in out-station co- and extra-curricular activities. Separate provisions of finances would certainly boost the participation.
- Student-centric activities enlisted in the "Goals" above, if supported with additional financial assistance, can capture momentum and can be extended to needy students from other Institutions as well.

7. Notes (Optional) Nil

8. Contact Details

Name of the Principal: Dr. H. J. Wankhede
 Name of the Institution: Government Institute of Science
 City: Aurangabad
 Pin Code: 431004
 Accredited Status: B (2016)
 Work Phone: +91-240-2400586
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 Mobile: +91-9423151212

Fax: +91-240-2400103
 E-mail: director@inosca.org

Best Practice 2

1. Title of the Practice

Nurturing value-based education, social responsibilities and good citizenry

2. Goal

With an aim of carving value based education and social awareness amongst the students and facility extension and information dissemination to the community, the Institute has launched various programs, viz. women empowerment program; “*JagarJanivancha*”; special day programs; blood donation camps; awareness and conservation programs for clean and green environment inclusive water conservation and ecofriendly aspects- tree plantation, check dam construction, solid waste treatment and nutrient recycling; inculcation of value based education, socio-sensitivity, and facility extension services like soil analysis, ground water exploration and testing, gamma irradiation, providing microbial cultures as well as popularization of science; voter awareness campaigns.

3. The Context

The Institute being a Post Graduate and Research Organization caters the academic needs of the region. In addition to academics, the societal components also expect creation of sensible human resource with high human values and sensitivity towards social climate as well as science-based extension services. In order to bridge the gap between academic training and the societal expectations, the Institute has structured multi-faceted programs that cater socio-sensitivity, environmental awareness and ethical values. In addition, the Institute takes the responsibility to extend the available facilities and expertise to community welfare and nurture scientific temper amongst the community through science popularization programs.

4. The Practice

- Conserving the green areas of the Institute campus to preserve and protect the large number of bird and animal species while ensuring neat, clean and green environment.
- The campus waste is converted into Organic Manure through composting and vermin-culture and is used for gardening and *in-campus* plantation.
- The Institute has conducted numerous community programs within and out of Aurangabad city to create awareness about Solid Waste Disposal.
- Research projects are undertaken with the view towards remedial treatment of toxic and hazardous industrial wastes using microbial and nanotechnology based methods.
- The faculty members have carried out extensive work on the biodegradation and conservation of historical monuments viz. Ajanta and Aurangabad Caves.
- The Institute provides extension services to the community for routine analysis of water to ensure a healthy community and environment.
- Under the umbrella of the NSS, Institute carries out various environment related activities such as Tree Plantation within and out of the Institute campus, street plays, construction of check dam for water conservation, etc. The Institute has adopted several practices for energy conservation such as use of power saving devices, solar equipment, etc. The Institute organizes guest lectures and poster presentations to stress the important environmental issues and the need to conserve energy, biodiversity and the environment.
- The Institute runs programs such as adoption of villages for tree plantation advocating avoidance of using of pesticides, using organic manure, lectures by experts for rain water harvesting, etc.
- The NSS unit also organizes blood donation and health awareness camps.
- Students voluntarily participated in Disaster Management Relief Fund by fully donating Annual Gathering funds to Tsunami Victims.
- “*JagarJaniwancha*”, a special lecture series aimed towards inculcating sensitivity and courageous attitude to address societal problems and illiteracy among women was organized by the Institute.
- Enrichment of managerial qualities amongst women was the main aim in hosting a week-long workshop on Women Empowerment under the aegis of UGC.
- In order to pay tributes to National personalities and inculcate the feeling of National Pride and social responsibility, special day programs are organized.
- The Institute extends some facilities and scientific expertise to community. These facilities include soil analysis, ground water exploration and testing, gamma irradiation and supply of microbial cultures to college teachers, researchers and industry.

- The Institute being scientific avenue, dissemination of scientific information to the masses is practiced through mass communication media (radio talks), newspaper articles and organizing National Science Day programs and contribution of faculties as resource persons.
- The Institute actively participates in launching Voter Awareness Campaign at the time of general elections.

5. Evidence of Success

- The overall environmental awareness and a strong ecofriendly attitude were imbibed amongst the students. Students could learn composting method and conservation practices for keeping the environment clean and green.
- The Institute received appreciation for the effective implementation of solid waste disposal methods, preservation of cultural heritage and city farming programs organized in community places such as jails, temples, co-operative housing societies, schools, etc.
- The research papers published and presented in scientific congregations have provided additional information content in terms of environmental remediation. Students were equipped with the tools and techniques to develop sustainable and eco-friendly processes and products.
- The community was benefitted through the extension services.
- Tree plantation, check dam construction and CCT activities have created awareness about soil and water conservation.
- The Institute successfully conveyed the importance of avoiding pesticides, use of organic manure and rain water harvesting to the villagers under village adoption programs.
- The awareness about health and precious lives was effectively conveyed through health awareness and blood donation camps.
- Women empowerment program, special day programs, “*Jagar Janiwancha*” and voters awareness campaign have conveyed the message of gender equality, support and respect for women, National pride and social rights and responsibility.
- The Institute has profoundly contributed in popularization of science through various activities and expert lectures benefitting the schools, colleges and general public.

6. Problems Encountered and Resources Required

- The students and faculty members being engaged full-time in lectures, practical, projects and mentoring for research, the major limitation to the implementation of these extra-curricular activities is time availability.
- Lack of financial aid for village adoption and other community services was another major obstacle in implementation of these programs.

7. Notes (Optional)

Nil

8. Contact Details

Name of the Principal: Dr. H. J. Wankhede

Name of the Institution: Government Institute of Science

City: Aurangabad

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Accredited Status: B (2016)

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Fax: +91-240-2400103

E-mail: director@inosca.org

7.4 Contribution to environmental awareness / protection

- Tree plantation programs are organized within the Institute and in the surrounding areas.
- Campus cleaning programs are organized.
- Institute organizes guest lectures and poster presentations to stress the important environmental issues and the need to conserve biodiversity, energy and the environment.
- The NSS unit of the Institute has constructed "Vanarai Bandhara" (check dam) in order to prevent wastage of water and aid in the rise in water table.
- The faculty members of Botany Department assign the task of numbering the tree to the students as a part of practical/project work. The department has planted a number of rare and endangered medicinal plants in the Botanical Garden and in the campus.
- Each department of the Institute ensures proper disposal of the potentially hazardous material/waste generated in the laboratories.
- Electronic instruments and computers are used with great care in order to prevent break down of the instruments. This minimizes the generation of e-waste. Instruments beyond repairs are being processed for write-off procedures as per the Government norms.

7.5 Whether environmental audit was conducted? Yes ☐ No ☒

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

8. Plans of institution for next year

- Active persuasion for fulfilment of a vacant teaching posts and non-teaching posts of the Institute.
- Tapping of funds from different funding agencies for development of infrastructure.
- Purchase of sophisticated equipment, establishing the computer laboratory and smart classroom under DST-FIST sanctioned project.
- Designing and implementation of different activities aimed at improvement of student skill and knowledge through invited talks from industry and academia.
- Arranging and execution of study tour for keeping abreast with recent trends across fields related with the subject.
- Active promotion of student participation in summer training, national/international symposia, conferences and workshops.
- Development and promotion of placement cell for placing the students immediately on completion of course.
- Encouraging students to publish papers relating to their dissertation in renowned national/international journals.
- Building and sustenance of platform for interaction of different stakeholders associated with the Institute.

Name: Dr. A. V. Pethkar

Signature of the Coordinator, IQAC

Name: Dr. Mrs. H. J. Wankhede

Signature of the Chairperson, IQAC

Director
Govt. Institute of Science
Aurangabad.

Annexure – I

GOVT. INSTITUTE OF SCIENCE, AURANGABAD, MAHARASHTRA

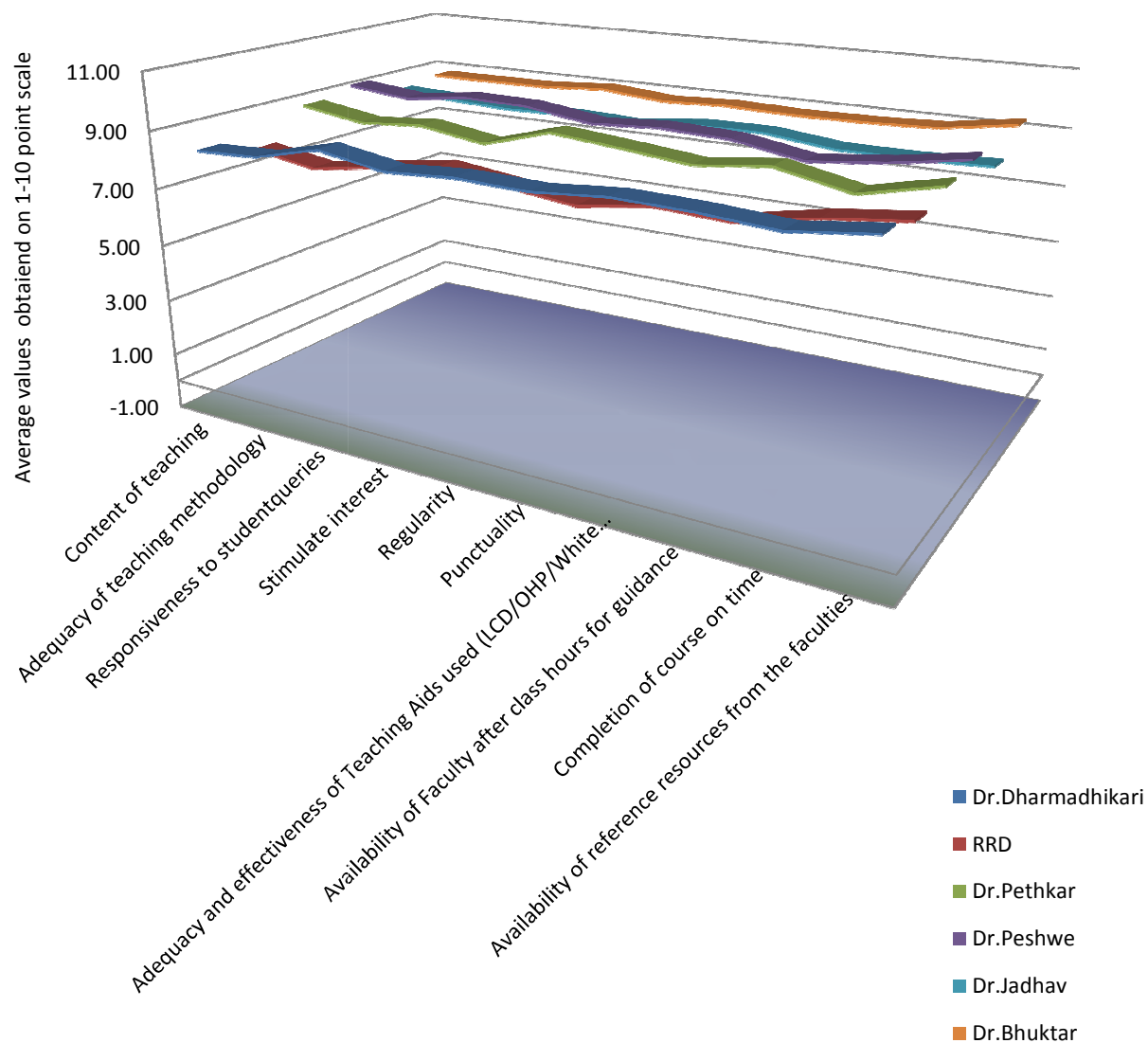
Academic calendar for the year 2015-16

First Term		
1	Period of first term (both days inclusive)	08-06-2015 to 31-10-2015
2	Opening of the departments	08-06-2015
3	Commencement of teaching for III rd Semester	20-06-2015
	Entrance test by the departments (Wherever applicable)	30-06-2015
4	Declaration of entrance test results by the departments	02-07-2015
	Last date for admission of the students (First Year)	10-07-2015
5	Spot admission for I st year	10-07-2015
6	Commencement of teaching for I st Semester	13-07-2015
7	Submission of eligibility forms by the students	20-07-2015 to 31-07-2015
8	Address to newly address students by Director of Institute	21-07-2015
9	Institute foundation day celebration	14-08-2015
10	University open day celebration	22 & 23 – 08-2015
11	First internal examination schedule	Last week of September
12	Second internal examination schedule	Third week of October
13	Commencement of Ist semester examination	17-11-2015 to 15-12-2015
14	Period of Winter Vacation (Both days inclusive):	01-11-2015 to 22-11-2015
Second Term		
15	Opening day of Second Term :	23-11-2015
16	Period of Second Term (Both days inclusive)	23-11-2015 to 23-04-2016
17	Commencement of Teaching for Second Term	23-11-2015
18	First internal examination schedule	Last week of December
19	NSS special camp	Third week of January
20	Cultural gathering	First week of February
21	Parents meet and Alumni meet	Second week of February
22	Educational visits	Third week of February
23	Science day celebration	Last week of February
24	Second internal examination schedule	Third week of March
25	Last working day of Second Term :	23-04-2016
26	Period of Summer Vacation (Both days inclusive)	: 24-04-2016 to 14-06-2016

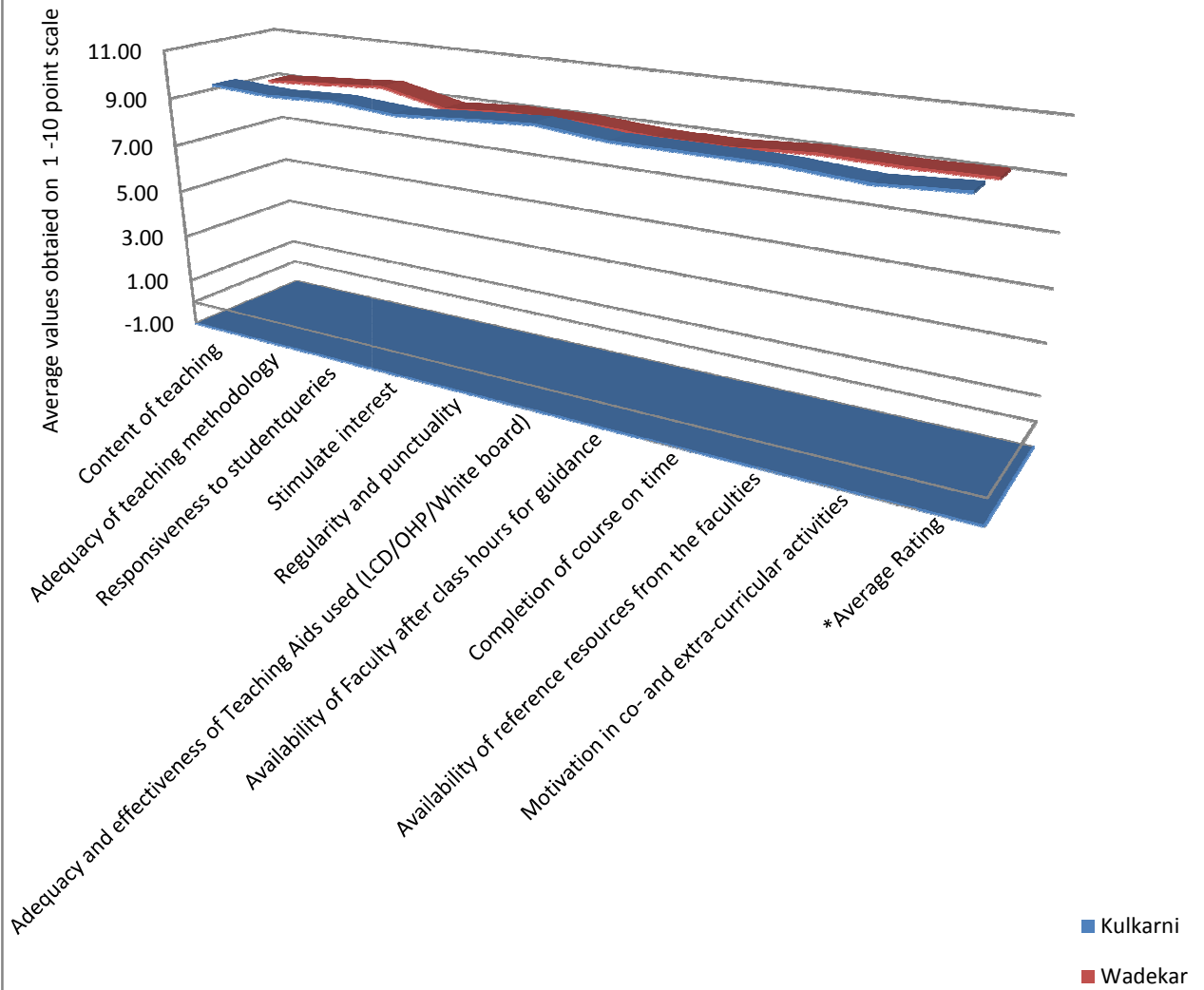

 Director 2.05.2017
Director
Govt. Institute of Science
Aurangabad.

Annexure - II

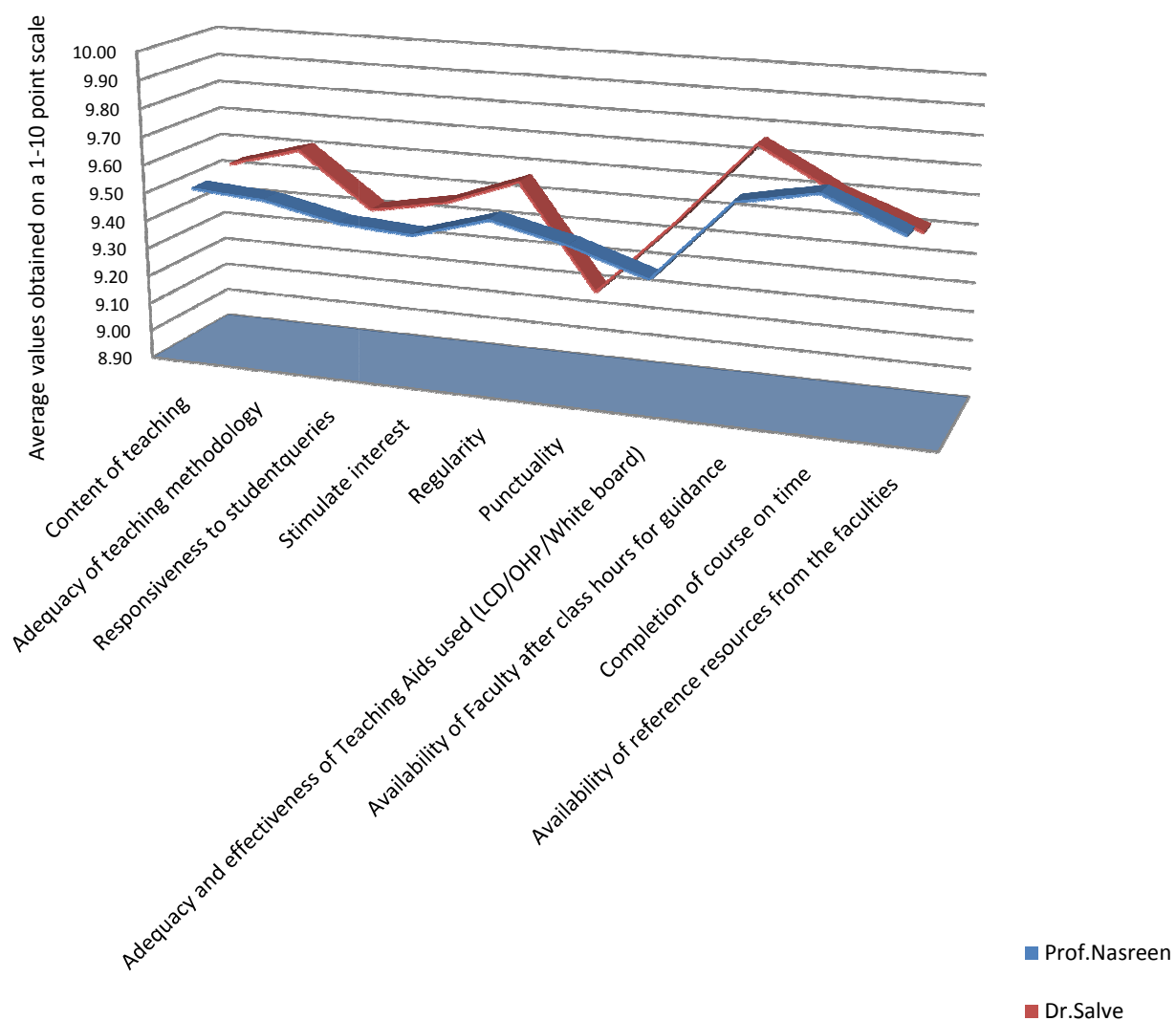
Student feedback analysis of faculty of Microbiology Department for 2015-16



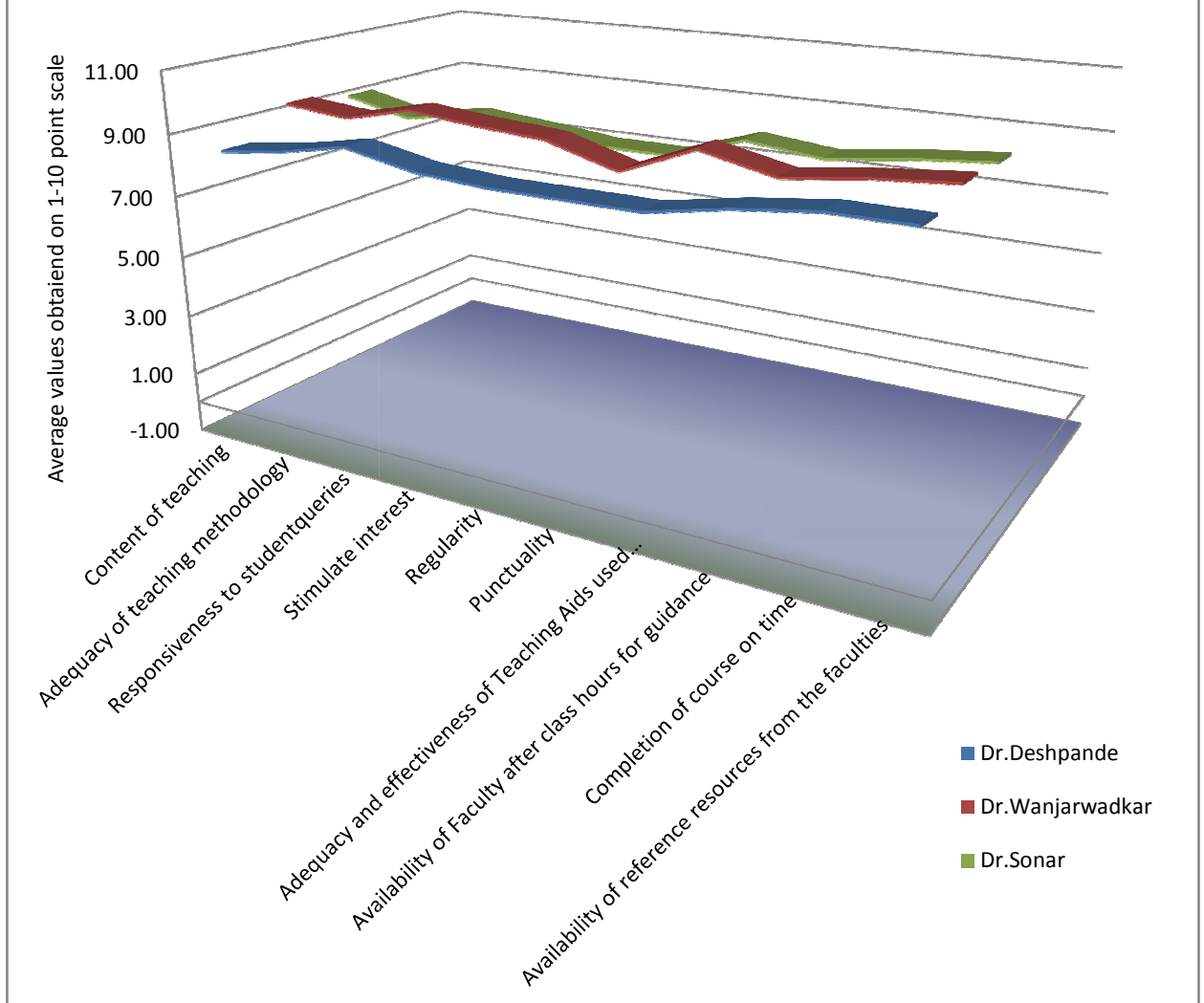
Student feedback analysis of faculty of Biophysics Dept for 2015-16



Student feedback analysis of faculty of Botany Department for 2015-16



Student feedback analysis of faculty of Geology Department for 2015-16



Student feedback analysis of faculty of Biotechnology department for 2015-16

