



# SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED - 431 606 (MS)

## Annual Quality Assurance Report for the Academic Year 2015-16 (AQAR 2015-16)



Submitted to



**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद**

(An Autonomous Institution of the University Grants Commission)

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान



**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,  
NANDED – 431 606 (MS)**

---

**The Annual Quality Assurance Report for the year 2015-16  
(AQAR 2015-16)**

*(The AQAR period is the Academic Year, July 1, 2015 to June 30, 2016)*

**Part – A**

**1. Details of the Institution**

**1.1 Name of the Institution**

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

**1.2 Address of the Institution**

Address Line 1

"DNYANTEERTH"

Address Line 2

VISHNUPURI

City/Town

NANDED-WAGHALA

State

MAHARASHTRA

Pin Code

431606

Institution e-mail address

vcoffice.srtmun@gmail.com

Contact Nos.

02462-229282

Name of the Head of the Institution: Dr. Pandit B. Vidyasagar

Tel. No. with STD Code: 02462-229282

Mobile: 9422437849

Name of the IQAC Co-ordinator: Dr. Mrs. V. N. Laturkar

Mobile: 09420071644

IQAC e-mail address: iqacsrtmun@gmail.com

**1.3 NAAC Track ID** MHUNGN10030

**1.4 NAAC Executive Committee No. & Date:** EC (SC)/05/RAR/138 Dated 03/03/2015

**1.5 Website address:** [www.srtmun.ac.in](http://www.srtmun.ac.in)

Web-link of the AQAR: [http://srtmun.ac.in/NAAC\\_CELL/AQAR%202016-17.pdf](http://srtmun.ac.in/NAAC_CELL/AQAR%202016-17.pdf)

#### 1.6 Accreditation Details

Sr. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	2 Star	....	2001	21/05/2001 to 20/05/2006
2	2 <sup>nd</sup> Cycle	B	2.11	2009	30/09/2009 to 29/09/2014
3	3 <sup>rd</sup> Cycle	A	3.06	2015	03/03/2015 to 02/03/2020

**1.7 Date of Establishment of IQAC:** 26/ 09/2005

**1.8 AQAR for the year:** 2015-16

**1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC.**

- i. AQAR 2011-12 submitted to NAAC on 24-03-2014
- ii. AQAR 2012-13 submitted to NAAC on 24-03-2014
- iii. AQAR 2013-14 submitted to NAAC on 23-09-2014
- iv. AQAR 2014-15 submitted to NAAC on 12-01-2016

**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 (Phys Edu) ☒

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

Others (Specify)

Computer Studies, Pharmacy, Social Sciences, Fine and Performing Arts

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

NA

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

Autonomy by State/Central Govt. / University	Academic autonomy to schools is granted by University		
University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text"/>
DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	Schools of Life Sciences, School of Chemical Sciences, School of Social Sciences, School of Earth Sciences		
DST-FIST	Schools of Life Sciences, School of Chemical Sciences, School of Physical Sciences, School of Earth Sciences		
UGC-Innovative PG programmes	One year PG DDM at Sub-Centre, Latur; PG Diploma in Geo-informatics at School of Earth Sciences		
Any other ( <i>Specify</i> )	University Conducted Model Degree College at Hingoli (Low GER district identified by Central Government)		
UGC-COP Programmes	<input type="text"/>		

**2. IQAC Composition and Activities****2.1 No. of Teachers**

08

**2.2 No. of Administrative/Technical staff**

03

**2.3 No. of students**

Nil

**2.4 No. of Management representatives**

01

**2.5 No. of Alumni**

0

<b>2.6 No. of any other stakeholder and Community representatives</b>	<input type="text" value="01"/>
<b>2.7 No. of Employers/ Industrialists</b>	<input type="text" value="01"/>
<b>2.8 No. of other External Experts</b>	<input type="text" value="0"/>
<b>2.9 Total No. of members</b>	<input type="text" value="14"/>
<b>2.10 No. of IQAC meetings held</b>	<input type="text" value="04"/>
<b>2.11 No. of meetings with various stakeholders:</b>	Faculty <input type="text" value="03"/> Non-Teaching Staff <input type="text" value="05"/>
Students	<input type="text" value="01"/>
Alumni	<input type="text" value="01"/>
Others	<input type="text"/>
<b>2.12 Has IQAC received any funding from UGC during the year?</b>	Yes <input type="text"/> No <input checked="" type="text" value="√"/>
If yes, mention the amount	<input type="text" value="NA"/>
<b>2.13 Seminars and Conferences (only quality related)</b>	
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
Total Nos.	<input type="text"/>
International	<input type="text"/>
National	<input type="text"/>
State	<input type="text"/>
Institution Level	<input type="text" value="01"/>
(ii) Themes	
<input type="text" value="NAAC accreditation process workshop for affiliated colleges on 14 Oct. 2015"/>	

**2.14 Significant Activities and contributions made by IQAC:**

- API score verification of CAS proposals of teaching faculties.
- Support to affiliated colleges for completing NAAC accreditation process.
- Boosting the academic and research achievements of faculties by coordinating meetings between Vice Chancellor and faculties through IQAC.
- Promotion of Industry University interaction with MACCIA.
- Direct e-payments by students through university bankers by the students for convocation fees, entrance exam fees, etc.

**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	Outcome
1. Solar and wind power generation for campus.	1. Process is initiated
2. Further implementation of one teacher one skill program in colleges and campus.	2. Not done.
3. Industrial visits of students in collaboration with MACCIA.	3. One visit done
4. To start bridge course in Mathematics (for other schools).	4. Not started
5. To start bridge course in Statistics (for other schools).	5. Not started
6. To organize teacher training and enrichment programs.	6. Not organized
7. To organize workshop on NET/SET examination.	7. Workshops conducted
8. Further infrastructure development.	8. RUSA technology center and indoor stadium construction under progress.
9. Digital Library development.	9. In process.
10. Organisation of National and International Conferences.	10. Many Conferences organized.
11. To host state level Krida Mohotsav sponsored by Rajbhavan, Mumbai.	11. Krida Mohotsav conducted
12. To host 'Inspire' – A program for innovation in science pursuit for inspired research.	12. Inspire program successfully conducted
13. To actively participate in framing of new National Education policy of Government.	13. Participated
14. To shift School of mathematical and statistical sciences in own building.	14. Not yet.
15. To introduce bilingual website of university.	15. Bilingual website developed.
16. To increase online interaction with affiliated colleges through A-view.	16. Yes
17. To create environmental consciousness among students about use of plastics.	17. Created through NSS

<p>18. To conduct regular <i>Vipashana</i> programs for staff on campuses.</p> <p>19. Revision of M.Ed. Course as NCTE Regulations, 2014 in school of education.</p> <p>20. Certificate Program in Digital Film Making, Film Appreciation, and Creative Writing for Electronic Media in school of media studies.</p> <p>21. Improve research facilities and infrastructure like animal house for betterment of students and university.</p>	<p>18. One conducted</p> <p>19. Revised</p> <p>20. In process.</p> <p>21. No</p>
<p>Additional:</p> <p>1. To enrich library.</p> <p>2. To motivate the teachers for educational and research activities.</p> <p>3. To encourage students for building their personality development.</p> <p>4. To encourage the various schools to conduct expert's talks from respective fields.</p> <p>5. API score verification of CAS proposals as per Act.</p> <p>6. Motivating affiliated colleges for completing their NAAC accreditation process.</p> <p>7. Research and teaching up gradation.</p> <p>8. Active participation by faculties and students in ERASMUS MUNDUS programme.</p>	<p>1. Additional books purchased with renewal subscription to e-journals.</p> <p>2. Many faculties participated in National /International conferences, workshops. For ex., a national conference on Gender was conducted by School of languages, Literature and Cultural Studies. A lecture on Research methods in Journalism for students was conducted by School of Media Sciences.</p> <p>3. Professional trainings organized through TPO</p> <p>4. Expert's talks, guest lecturers organised at schools. In addition, special lectures arranged by Dr. Babasaheb Ambedkar study centre on thoughts of Dr. B.R. Ambedkar.</p> <p>5. Sub-committee screened the proposals for CAS in twelve meetings.</p> <p>6. Personal visits by institutional NAAC coordinator to various colleges.</p> <p>7. Direct meeting of faculties and V.C. arranged by IQAC to understand their problems and solving them.</p> <p>8. Two research students sent abroad under ERASMUS MUNDUS programme.</p>



*(Annexure-I is Attached for the Academic Calendar of the year.)*

2.16 Whether the AQAR was placed in statutory body      Yes      No  
Management ☐      Syndicate ☐      any other ☒ ☐

Provide the details of the action taken

AQAR approved by Executive council

## Part – B

### Criterion – I

#### 1. 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
Ph. D	26	00	00	00
PG	41	00	01	00
UG	09	00	00	00
PG Diploma	19	00	00	00
Advanced Diploma				
Diploma				
Certificate				
Others	10	01	01	00
<b>Total</b>	105	01	01	00

Interdisciplinary	04	01	00	00
Innovative	01	00	00	00

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	49
Trimester	00
Annual	20

1.3 Feedback from stakeholders    Alumni ☐ Yes    Parents ☐ Yes    Employers ☐ Yes    Students ☐ Yes  
*(On all aspects)*

Mode of feedback    :    Online ☒    Manual ☒    Co-operating schools (for PEI) ☐

*\*Please provide an analysis of the feedback in the Annexure*

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

- The curriculum are being continuously updated with the course contents needed for the students at research and higher level keeping in view the employment opportunities.
- Shifted the syllabus from CGPA to CBCS pattern.
- New syllabus prepared with CBCS for courses in the campus.

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

- New Department/ Centre not introduced during the Year

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others (Library Staff)
122	71	20	31	03

2.2 No. of permanent faculty with Ph.D.

101

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
71	08	20	18	31	07	03	0	125	34

2.4 No. of Guest and Visiting faculty and Temporary faculty.

18

09

29

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	32	110	20
Presented papers	45	162	15
Resource Persons	18	80	71

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

- In school of Chemical Sciences, hands on experience on the computational chemistry softwares like Gaussian09, Avogadro and Hyperchem etc...

- Use of ICT tools including Power Point Presentation, use of audio-visual aids like interactive boards and Webinars, Audio, Video Lectures, Web Links Blogs, etc.
- In School of Mathematical Sciences, live demos and hands on sessions on software's: MATLAB, LATEX SAGE, and R TORA.
- Case studies, Role plays, Management Games, Field survey, Project report, Tutorial, Seminar, Group Discussion & Power point presentation are used in all courses.
- In School of Fine and Performing Arts, regular lecture-demonstrations, seminar on Dance, Drama and Music, Class room productions of students of performing arts, To organizes international festival and conference on performing arts, Group Discussion & Power point presentation, Video lectures of experts on different aspects, Webinars, Audio, Video Lectures, Web Links.

**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)

- The university has implemented a program to fill eligibility examination forms online.
- University also implemented new model for examination which combines MCQ and long answer pattern.
- Online M.Phil. entrance test has been conducted successfully.

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

16

06

N.A.

**2.10 Average percentage of attendance of students**

86%

**2.11 Course/Programme wise**

**Distribution of pass percentage:**

Sr. No.	Title of the Programme	Total no. of students appeared	Division			
			A	B	C	F (Fail)
1	M.Sc. Chemistry	89	8.09	68.54	1.41	21.96
2	M.B.A (Campus)	46	60.78	10.11	0	29.11
3	M.B.A (Latur)	64	21.48	71.67	0	6.95
4	M.Com.	20	69.69	23.05	0	7.26
5	P.G. Dip. In Disaster Mgt.	4	0	100	0	0
6	B.B.A (Integrated)	11	35.65	39.89	0	24.47
7	M.Sc. Computer Application	16	9.11	72.12	0	18.77

8	M.Sc. Computer Network	25	15.04	71.71	0	13.24
9	M.Sc. Computer Science (Latur)	12	12.33	48.67	20	19.0
10	M.C.A.	54	28.88	63.92	0	7.20
11	M.A. Arts & Films	11	56.67	27.22	16.11	0
12	Diploma in Digital Art & Graphics	3	100	-	-	-
13	M.Sc. Environmental Sci.	6	10.67	78	0	11.33
14	M.A. Geography	0	0	0	0	0
15	M.Sc. Geology	12	7.25	85.60	7.15	0
16	P.G. Diploma in Geo-informatics	4	0	0	0	100
17	M.Sc. Geophysics	5	0	100	0	0
18	M.A. English	54	36.67	58.33	0	5
19	M.A. Marathi	11	22.02	77.98	0	0
20	M.Sc. Bio information (Latur)	3	0	100	0	0
21	M.Sc. Botany	17	5.05	88.99	0	5.76
22	M.Sc. Biotechnology	21	0	90.48	0	9.52
23	M.Sc. Microbiology	19	0	89	0	11
24	M.Sc. Zoology	15	0	92.86	0	7.14
25	M.Sc. Mathematics	44	17.04	52	4.76	26.20
26	M.Sc. Statistics	10	0	60	0	40
27	M.Ed.	32	10.12	74.73	0	15.15
28	M. P. Ed.	39	64.10	35.90	0	0
29	M. Pharmacy (Campus)	68	5.47	85.58	2.98	5.97
30	B. Pharmacy (Integrated) Campus	58	2.57	90.29	5.36	1.78
31	M.Sc. Physics	27	25.93	33.33	0	40.74
32	M.A. Economics (Campus)	20	20.04	70.43	0	9.53

33	M.A. Economics (Latur)	8	40	60	0	0
34	M.A. Human Rights (Campus)	8	0	72.5	15.5	0
35	M.S.W. (Campus)	40	10.82	89.18	0	0
36	M.S.W. (Latur)	26	10.71	78.58	10.71	0
37	M.A. Sociology (Campus)	15	20.08	72.23	0	0
38	M.A. Sociology (Latur)	09	25.27	63.64	11.09	0
39	B.A. (Model Hingoli)	12	0	54.55	0	45.45
40	B.B.A.(Model Hingoli)	6	0	0	100	0
41	B.C.A. (Model Hingoli)	14	0	66.67	33.33	0
42	B.Com. (Model Hingoli)	12	20	70	0	10
43	Biotechnology (Model Hingoli)	19	17.65	64.70	17.65	0
44	M.A. Electronics Media	10	0	90	10	0
45	M.C.J.	8	0	100	0	0

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

The teaching and evaluation process is being monitored by the regular members of IQAC, Director BCUD and COE. Special meetings are conducted with faculty for monitoring these activities.

## 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	35
UGC – Faculty Improvement Programme	01
HRD programmes	00
Orientation programmes	07
Faculty exchange programme	00
Staff training conducted by the university	00
Staff training conducted by other institutions	00
Summer / Winter schools, Workshops, etc.	06
Others	08

## 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	222	100	00	151
Technical Staff	81	00	00	00

## Criterion – III

### 3. Research, Consultancy and Extension

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

Through IQAC,

- Teachers are encouraged to undertake major /minor research projects sponsored by UGC and other funding agencies.
- Teachers and students are motivated to present papers International, national, state level seminars, conferences and workshops.
- Teachers are stimulated for paper publication in journals, patent filing and book writing.
- IQAC catalysed consultancy practices and patent filing related aspects.
- School directors are motivated to conduct school level IQAC meetings in which following are expected to be discussed:
  - At the beginning of the academic year Director of School encourages all the faculty members to participate and conduct workshops, seminars, conferences and expert talk from industry. M. Phil. And Ph.D. students are also encouraged to publish their research articles in reputed journals. Separate research lab is being provided to research scholars.
  - Duty leave is sanctioned to faculty members for participation in conferences/workshops etc.
  - Organization of the Saturday seminar, submission of research proposal, participation In National International conferences and symposium, presentations of research publications, inclusion of research project in syllabus.

#### 3.2 Details regarding major projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	14	21	03	07
Outlay in Rs. Lakhs	164.34	158.20	65.20	--

#### 3.3 Details regarding minor projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	02	01	00	08
Outlay in Rs. Lakhs	2.68	1.0	00	--

**3.4 Details on research publications:**

	International	National	Others
Peer Review Journals	197	92	05
Non-Peer Review Journals	02	13	00
e-Journals	06	07	00
Conference proceedings	12	79	00

**3.5 Details on Impact factor of publications:**

Range	0.1 – 7.14	Average	4.293
H-index	0 - 28	Nos. in SCOPUS	270

**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	01 (2015-17) 02 (2015-17)	DST UGC	44.3 20.9	44.3 20.9
Minor Projects	01(2014-16)	UGC	1.0	1.0
Interdisciplinary Projects	N.A.	N.A.	N.A.	N.A.
Industry sponsored	N.A.	N.A.	N.A.	N.A.
Projects sponsored by the University/ College	N.A.	N.A.	N.A.	N.A.
Students research projects (other than compulsory by the University)	N.A.	N.A.	N.A.	N.A.
Any other(Specify)	N.A.	N.A.	N.A.	N.A.
<b>Total</b>	N.A.	N.A.	N.A.	N.A.

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

20

**Chapters in Edited Books**

21

**ii) Without ISBN No.**

09



**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)

**3.10 Revenue generated through consultancy:****3.11 No. of conferences  
Organized by the**

Level	International	National	State	University	College
Number	N.A.	04	01	01	N.A.
Sponsoring agencies	N.A.	UGC	Self-funded	Industry	N.A.

**Institution:****3.12 No. of faculty served as experts, chairpersons or resource persons:****3.13 No. of collaborations:**

International  National  Any other

**3.14 No. of linkages created during this year****3.15 Total budget for research for current year in lakhs:**

From funding agency  From Management of University/College   
Total

**3.16 No. of patents received this year:**

Type of Patent		Number
National	Applied	01

	Granted	N.A.
International	Applied	N.A.
	Granted	N.A.
Commercialised	Applied	N.A.
	Granted	N.A.

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

Total	International	National	State	University	Dist	College
Nil	02	04	Nil	Nil	02	07

**3.18 No. of faculty from the Institution Who are Ph. D. Guides**

85

**and students registered under them**

298

**3.19 No. of Ph.D. awarded by faculty from the Institution**

58

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

JRF 26

SRF 24

Project Fellows 14

Any other 14

**3.21 No. of students Participated in NSS events:**

University level 32

State level 29

National level 21

International level Nil

**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	Nil	State level	02
National level	Nil	International level	Nil

**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	04
		Any other	---

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

- The university has introduced a new scheme Student Welfare and Award Scheme (SWAS) for providing educational assistance to the students from the drought affected areas. 410 needy students are benefited.
- Female student adaption scheme is implemented under vice-chancellors fund.
- University has signed MOU with Washington State University, USA for exchange of Faculty and Students.
- Proposal on Tribal skill and development and training has been submitted to the Central Government.
- Establishment of competitive examinations and skill development center in University.
- University got sanction a grant of Rs. 2 crore under RUSA.
- Inspire camp was organized with the selection of 150 students.
- A MOU between Maharashtra Center for Interprenre Development (MCED) was signed on 3<sup>rd</sup> September 2015.
- Avishkar Research Festival 43 students and Teachers of the University were selected for participation, 11 projects reached final round and 4 projects received prizes.
- Second workshop on one teacher one skill was organized on 27<sup>th</sup> June 2015.
- Advanced Astronomical Observatory was inaugurated in presence of renowned scientist Dr. Jayant Naralika- he addressed more than 1000 students and citizens about Life in Space.

- Workshops on surveying higher education in India and online examinations were organized.
- Workshop on Maharashtra Public University Act was organized on 31<sup>st</sup> July 2015 to forward suggestions to State Government.
- Dr. R. N. Gacche, a researcher in biomedical field, has been appointed as expert in health Minister of Italy along with an Award of Certificate of appreciation and honorarium of 1350 Euro. Nature has published his paper.
- A student received a gold medal in international chess competition at BAMU Aurangabad, and another student received bronze medal in all India Taekwondo competition.
- Inter-University Krida Mohostvav-2015 was organized by this university from 27 Nov to 2<sup>nd</sup> December 2015.
- Three students of the University were selected for training in international kho-kho team.
- University got prizes in regional youth festival organized at Sardar Patel University, Anand, Gujrat in Jan 2016, 4 prizes in Indradhanushya at Nagpur, Jan 2016 and inter-university national youth festival in Feb 2016.

## 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: 1. Main Campus, Nanded 2. Sub-Campus, Latur 3. New Model Degree College, Hingoli 4. Tribal Research Centre @ Kinwat 5. Earthquake Research Centre @ Killari	220.02 Hectare 4.00 Hectare 12.41 Hectare 1.36 Hectare 0.80 Hectare	Nil	Nil	220.02 Hectare 4.00 Hectare 12.41 Hectare 1.36 Hectare 0.80 Hectare
Total Area	238.59 Hectare			238.59 Hectare
Class rooms	62	08		70
Laboratories	73	16		89
Seminar Halls	10	Nil		10
No. of important equipment's purchased ( $\geq$ 1-0 lakh) during the current year.	N.A.	N.A.	N.A.	N.A.
Value of the equipment purchased during the year (Rs. in Lakhs)	N.A.	N.A.	N.A.	N.A.
Others	N.A.	N.A.	N.A.	N.A.

#### **4.2 Computerization of administration and library**

- Acquiring of servers from UGC XII plan for deployment of various portals. Connectivity of administration and all school buildings through 1 Gbps optical fibre. Creating individual login ids for all staff and students for internet access
- Library is computerized. Presently 18 Computers are used for library administration and library services. SOUL 2.0 library management software (designed and distributed by INFLIBNET an IUC of UGC) is in use. Entire library collection is bar-coded. OPAC services are provided using Webopac utility through LAN in library. Library has set up its own LAN to which nine PCs are connected.
- Internet facility is available on three PC. Library is the member of UGC INFONET consortia in which around 5000 e-journals are available. Apart from this, e-journal packages recommended by AICTE for School of Computational sciences, School of Management and School of pharmacy was also made available. Fed gate service of Informatics is made available through university web site. E-mail service is used for communicating vendors in acquisition process which saves time and money of university. Recently university has signed MOU with INFLIBNET for *Shodhganga* and *shodhgangotri*.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	61361	5,64,36,028,=32	2100	38,31153=38	63461	6,02,67,181=70
Reference Books						
e-Books	--	--	--	--	--	--
Journals	56	NA	10	355513.21	66	NA
e-Journals	4500	Under project	--	--	--	--
Digital Database	--	--	--	--	--	--
CD & Video	1055	--	45	--	1055	--
Others (specify)	--	--	--	--	--	--

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1100	56	374	45	08	02	81	08
Added	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1100</b>	<b>56</b>	<b>374</b>	<b>45</b>	<b>08</b>	<b>02</b>	<b>81</b>	<b>08</b>

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

- Internet connectivity to all students and staff members through individual login ids
- Through Active board & LCD Projector faculties are teach to students.
- Training given to students, scholars and teachers on Linux operating system and LATEX,

SAGE, MATLAB software.

- E-resources and E-Journals
- All students and faculty have access to internet
- Use of Active board & LCD Projector
- Atomic Force Microscope ICP-OES
- Rajiv Gandhi Science & Technology Commission (RGSTC) has identified Swami Ramanand Teerth Marathwada University to implement the application based project development program. Commission has provided Rs. 50.00 lacks financial assistance to implement a pilot program.
- The internet facility is provided to all buildings including hostels.
- Second workshop on one teacher one skill was organized on 27<sup>th</sup> June 2015.
- Advanced Astronomical Observatory was inaugurated in presence of renowned scientist Dr. Jayant Naralika- he addressed more than 1000 students and citizens about Life in Space.
- Workshops on surveying higher education in India and online examinations were organized.
- Workshop on Maharashtra Public University Act was organized on 31<sup>st</sup> July 2015 to forward suggestions to State Government.

#### 4.6 Amount spent on maintenance in lakhs:

i) ICT	3.21
ii) Campus Infrastructure and facilities	5.23
iii) Equipments	3.32
iv) Others	30.90
<b>Total:</b>	<b>42.66</b>

#### Criterion – V

#### **5. Student Support and Progression:**

##### **5.1 Contribution of IQAC in enhancing awareness about Student Support Services:**

- Orientation of Academic, Administrative and Library staff regarding provision of
- Various student supports through following ways.
- Displays of Notices regarding various Scholarships and Free-ships.
- Running of Centre for Competitive Examination.
- Motivated the girl students to participate in various sports.
- Interaction of Librarian and information scientist with the students.
- Professional trainings to students for on and off campus recruitment
- Students are encouraged to participate in Training programs like MTTS (Mathematics Training & Talent Search Programme), Summer Programs etc.
- School IQAC promotes not only academic but also other activities like cultural, sports etc.

## 5.2 Efforts made by the institution for tracking the progression:

- Use of informal methods like personal communications, emails, social network sites, alumni association.
- Tracking the progression through internal assessment, seminars, and home assignments.
- School has taken initiative to keep the record of students passing out from PG and on other hand students seeking admissions to M. Phil. & Ph.D. are verified whether the student/s have qualified from the school.
- The school of media studies is in touch with the pass out students with NET/Mobile and Phone for their progression.
- School of Pharmacy conducts the extra classes/ efforts to develop the quality of education by conducting extra lectures or efforts other than regular academics.

### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
172	1608	320	58

### (b) No. of students outside the state

35
----

### (c) No. of international students international cell

95
----

Men	No	%
	85	89.48

No	%
10	10.52

Women

Last Year (2014-15)						This Year (2015-16)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total

1356	427	64	309	-	2156	1364	428	69	304	01	2158
------	-----	----	-----	---	------	------	-----	----	-----	----	------

Demand ratio 1:1 Dropout % N.A.

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

- UGC NET-SET coaching, coaching under equal opportunity scheme, schemes of BARTI implemented for preparation for competitive examinations.
- Remedial Coaching for SC/ST/OBC students by School of Chemical Sciences.
- NET/SET coaching under UGC XII plan organised by School of Mathematical Sciences.
- Remedial coaching/Entry to services UGC Scheme by School of Life Sciences.
- We are running the BARTI scheme in School of Media Studies.
- School of Pharmacy conducts the GPAT coaching scheme to increase the rate of qualifiers in graduate aptitude test conducted by AICTE.

No. of students beneficiaries 58

#### 5.5 No. of students qualified in these examinations:

NET 05 SET/SLET 05 GATE 18 CAT Nil  
IAS/IPS etc Ni State PSC Nil UPSC Nil Others 01

#### 5.6 Details of student counselling and career guidance:

- All students in Sub-Centre Latur prior to their admissions are counselled for growth and development in various careers.
- Students are counselled for their absenteeism.
- Placement guidance and training for interview skills provided.
- Expert talks are arranged by the School from industry experts as well as academicians for career guidance.
- NET/SET Coaching is arranged on University campus.
- Remedial Classes are conducted.
- Students have been counselled for various programs which are useful for research and further studies by school of mathematical sciences.
- Expert talks are arranged by the school from industry experts as well as academicians for career guidance.



No. of students benefitted 130

#### 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
14	167	21	20

#### 5.8 Details of gender sensitization programmes

- Observation and participation on International Women's Day in a day long programme.
- Dr. (Mrs) A. P. Pathak, President GSCASH delivered a talk on the subject "Woman who made India proud" in school of Life Science on the occasion of teachers Day.
- She has also arranged a slide show for M. Phil and M.Sc. final year girls related with aforementioned topic.

#### 5.9 Students Activities:

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

State/ University level 400 National level 210 International level Nil

##### No. of students participated in cultural events

State/ University level 35 National level 01

West Zone level 25 International level Nil

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

**Sports:** State/ University level 05 National level 02 International level Nil

**Cultural:** State/ University level 07 National level 00

West Zone level 02 International level Nil

**5.10 Scholarships and Financial Support:**

	Number of students	Amount
Financial support from institution	110	2,67,142/-
Financial support from government	982	2,09,45,127/-
Financial support from other sources	0	0
Number of students who received International/ National recognitions	1145	2,24,56,412/-

**5.11 Student organised / initiatives:**

Fairs	: State/ University level	<input type="text" value="Yes"/>	National level	<input type="text" value="No"/>	International level	<input type="text" value="NO"/>
Exhibition:	State/ University level	<input type="text" value="Yes"/>	National level	<input type="text" value="No"/>	International level	<input type="text" value="No"/>

**5.12 No. of social initiatives undertaken by the students:**

**5.13 Major grievances of students (if any) redressed:**

- Redressed on daily basis by concern authority.

**Criterion – VI****6. Governance, Leadership and Management****6.1 State the Vision and Mission of the institution****Vision:**

Enlightened Student: A Source of Immense Power.

**Mission:**

“Swami Ramanand Teerth Marathwada University pledges itself to uphold zealously its mission of promoting acquisition and dissemination of knowledge through fearless and sustained pursuit of excellence aimed at moulding personalities of students entering its portals to grow with an

upright character filled with enlightenment and to be the value adhering members of a just and humane society”.

## **6.2 Does the Institution has a management Information System:**

- The University is part of Government of Maharashtra MIS.

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

### **6.3.1 Curriculum Development**

- Curriculum as per the norms of regulatory bodies.
- Regular revisions of syllabi as per the need of the industry.
- Curriculum enrichment via feedback from stake holders.
- Introduction of CBCS on campus and in affiliated colleges.
- Opinion from Industrialists regarding syllabus preparation.
- For every two years school revises the curriculum with the help of BOS.
- The draft copy of the designed curriculum submits for approval from academic council.
- All syllabi should require the teachers and students to apply what they have learnt in their courses, on studying a local situation, issue or problem related to pharmaceutical industry. There should be sufficient room for the use resources to make knowledge covered to fulfil the demand of pharmaceutical industry and to satisfy changing need of society. Based on this, School would like to go for the following:
  - LCD in each class room
  - Computer aided Teaching & Learning Material
  - Effective uses of Information Technology
  - Audio Visual Aids
  - Computer Aided Packages

### **6.3.2 Teaching and Learning:**

- At the beginning of the session an academic Director of each School arranged counselling of newly admitted students and present ppt on syllabus.
- Adopting holistic educational approach.
- Creative learning methods, students’ projects and e-learning pedagogies.

- Use of ICT technique for effective teaching.
- Teaching plans are recorded as daily teaching reports (DTR).
- Extended hands to students' from under privileged & rural category.
- At the beginning of session, the basic concepts and fundamentals of each subject are taught to the new entrants.
- Saturdays are preferably used for guest lectures, extracurricular activities, student seminars and other assignment work by the students.
- The teaching in the School is done as per the Time Table. There is a system of participation teaching-learning method in the School for all courses. Different innovative methods and technologies are used for teaching like ICT, Digital Black Board, Power Point presentation, slide shows, newspaper cuttings, etc. Class test are conducted for every subject and home assignments is also given to the students. Class and Seminars re conducted and Skill Labs are arranged as per the needs of the students working in the field under field work. The gifted students in various courses are given consultancy by the faculty to take their talents to the higher level. In the same manner, the under achievements students of all the courses are also looked after by the faculty for their development in the respective subjects.
- All the Teaching, Research and Extension activities are implemented as per the plan prepared in the beginning of year.
- Effective usage of Modern teaching aid to develop LIFE LONG LEARNING attitude in students.
- Supplementing conventional teaching process of chalk and board with Audio-visual aids.
  - Distributing subject notes, home assignments, detail question bank.
  - Regular conduction of Class test, Sessional Exams.
  - Regular conduction of viva-voce in practical.
  - Arranging lectures of eminent personalities
  - Organizing student seminars
  - Organizing regular Industrial & Hospital visits.
- At the beginning of the session an academic calendar consisting of holidays, events, tests and examinations is prepared, keeping in mind the academic calendar of Parent University and the students, teachers and parents are made aware of it. This allows the teacher to plan their teaching schedules.

### 6.3.3 Examination and Evaluation:

- Exam department has started delivery of question papers through the net on email id of CS of Exam to each school and CS downloads the question paper with PASSCODE provided by exam department on Mobile of the CS, Examination.
- The Sessional examination and Internal practical exam dates are mentioned in the calendar of events.
- External examiners are appointed as per approved panel and it is kept strictly confidential.
- Due to CGPA, continuous monitoring of students in terms of home assignment, seminars, internal examination, projects.
- Total computerized result processing and end to end automation of examination. Results of final degree courses are published within stipulated time.
- Use of bar coded answer sheets, use of MCQ, on screen evaluation using OMR, double evaluation.
- Photo copies of answer books are provided to applicants on demand.
- Students' performances are discussed in classrooms in order to update their subject comprehension.
- In the beginning of academic year school decides to conduct two internal exams and the schedule of the exam will be communicated to students.
- Objective and Descriptive patterns of examinations is followed.
- All the activities related to the examination of the School are undertaken by the School itself, like deciding the date of the examination , preparation of exam time table for winter and summer session. The question papers are prepared by internal faculty as well as external experts, conduction of examination, invigilation work etc. is done by the School. The Schools also calls the faculty members from other Universities also.

#### **6.3.4 Research and Development:**

- Annual University budget was earmarked for research.
- High number of ongoing major and minor projects. Faculty of all schools have submitted major research project to various funding agencies.
- Publishing research papers in highly reputed peer review journals with impact factor upto 10.
- Conferences, workshops, seminars, etc. organised for inculcating research environment among faculties and students.

- Faculties encourages for research by submitting research proposals to various agencies like AICTE, UGC, DST, etc.
- Also faculties are promoted to attend International conferences at abroad.
- School of physical sciences as initiated establishment of Astrophysics research observatory.
- Students are inspired to apply for research project.
- Dr. O. S. Yemul from School of Chemical Science is providing Consultancy to Shirke industry, Pune under consultancy programme.
- University has revived the research journal also been awarded an impact factor.
- Faculty members published mostly their research papers in the journals with impact factor.
- Faculties encourages for research by submitting research proposals to various agencies like AICTE, UGC, DST, etc.
- The School of social sciences is has a UGC SAP-DRS-I. A continuous research is going on under SAP. Most of the faculty members are engaged in Major and Minor Research Projects from UGC as well as from the SRTM University.
- Involving student's participation by delegating those individual/group projects and also encouraging them to participate in inter-university research festival, *Avishkar*
- Organizing Educational/ study tour of students and faculty to pharmaceutical Industry by School of Pharmacy.

#### **6.3.5 Library, ICT and physical infrastructure / instrumentation:**

- Good collection of resources including e-resources for research which increased research outcome.
- Circulation section of the library is also having enough space to browse OPAC.
- Reading hall is open for 24 hours on all days for students.
- Interactive boards in every school, all schools have LCD facilities, LCD TVs in administrative building for display of notices/events.
- Increased number of hostels including sports hostel, residential arrangements including staff quarters and a day care centre.
- Water cooler with purifier to ensure the comfort to the students.
- Medical facilities and transport facilities to the students in case of emergency.
- ICT used in Teaching & Learning.

- University has central library where the resources are available and the same is shared by the School.
- Departmental Library, MATLAB software, SPSS software, E-boards, well equipped computer labs.
- Construction of girls' hostel for minority students, building for the CAP and the School of Pharmacy, and a spacious building of Library (8433 sq.mtr.) have been added in the year 2015-16.
- ICT training program for PG students of school by school of education.
- The School of social sciences has a departmental library with one thousand books. The student takes the benefit of library after the teaching hours. The School has Digital Interactive Board and L.C.D Projector facilities.

#### **6.3.6 Human Resource Management:**

- Recruitment of faculties on vacant teaching post, faculty induction.
- Programme and research methodology workshops.
- Orientation programmes conducted for the staff in the beginning of the semester.
- Staffs are sent to attend Short-term courses organized by UGC.
- The School of social sciences is producing good amount of professional Social Worker every year. Nearly, 80 percent of Social Work students are getting job in different NGOs, Projects, Government Schemes and Programme. Similar also students of other subjects get appointment in public and private sectors.
- Orientation programmes are conducted for the staff in the beginning of the semester, Staff are sent to attend Short-term courses organized by UGC , Earn and Learn Scheme, Faculty gets PF, Gratuity and pension (CPF),• Recruitment of faculties on merit basis by strictly following the norms laid down by UGC, State Government, and University.

#### **6.3.7 Faculty and Staff recruitment:**

- Promotion under CAS of teaching staff and proposal for university.
- Conducted Degree College's teaching and non-teaching post.
- School calculates the workload, if any recruitment is required against the workload and that is communicated to higher authorities.
- Proposal for additional staff is submitted to the university.

### 6.3.8 Industry Interaction / Collaboration

- Organizing study tour for students and faculty to industries.
- Arranging lectures of resource persons from industries.
- Inviting industries for campus interviews and placements.
- Partnering with industry in several areas of research and development.
- Interaction with industrialist regarding syllabus pupation.
- School organizes seminars, guest lectures, and Industry talk from industry experts to motivate the students.
- Around ten Social Works students of Labour Welfare and Personal Management specialisation go to M.I.D.C. area regularly for their field work practise by School of Social Sciences.
- B.G. Shirke Energy Pune is linked with School of Chemical Sciences.
- MOU with Marathwada Chambers of Commerce and Industries
- The students of school of media studies were visiting Industry regularly, the part of syllabus is based on industry interaction.
- University organized some Educational/ study tours for students and faculty to industries and arrange lectures of persons from industries.

### 6.3.9 Admission of Students:

- The entire admission process is governed by the reservation policy of government.
- Merit based admission process is followed in these courses.
- The admissions to some schools are carried out through entrance examination conducted by DTE, Mumbai by centralized admission process.
- International students are encouraged and supported by the University at all stages of PG and Ph. D courses.
- The School of social sciences gets more application for admission from the students. The ratio of students registered and students admitted in Social Work P.G. programme is five is to one. In other courses the ratio is three is to one. The students are admitted strictly on merit basis following the government rules.

#### **Doctor of Philosophy:**

Similarly Ph. D. admissions are on the basis of GPAT valid score for Pharmaceutical Sciences.



For other Discipline M. Phil qualified student are exempted for PET exam.

For GPAT non-qualified candidates, PET test conducted by SRTM University, Nanded is compulsory.

The entire admission process is governed by the reservation policy of government.

#### 6.4 Welfare schemes for:

Teaching	Minor Research project scheme , Research promotion scheme.
Non teaching	Rs. 1,50,000 (Non Refundable), Rs. 50,000 (Refundable) Rs. 20,000 (Medical advance) for each
Students	Girl students adopted under Girl Adoption scheme and other schemes like Earn and Learn etc.

#### 6.5 Total corpus fund generated

N.A.

#### 6.6 Whether annual financial audit has been done

Yes

√

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	No	Yes	No
Administrative	No	No	No	No

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

For UG Programmes:

Yes

☐

No

☐

(Within 50 days)

For PG Programmes:

Yes

☒

No

☐

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

- Brain storming session for Examination reforms conducted for students, teachers, principals and members of statutory bodies.
- Double valuation, Photocopy

- The major reform University implemented is implementation of Semester, Credit & Grading.
- Semester pattern has been introduced for UG and PG programmes.
- Introduction of OMR (Optical Mark Recognition) sheets on the front page of the answer booklet in the final examinations.

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

- Circulars issued to the affiliated colleges encouraging to go for autonomy.

**6.11 Activities and support from the Alumni Association:**

- Periodical Meeting
- University has formed the Alumni Association school involves in the same.
- A Faculty Member (Dr. Nilesh Deshmukh) is chairman of university alumni association.
- 26 Students became the governing members of alumni association formed by the university.

**6.12 Activities and support from the Parent – Teacher Association:**

- Informal parent teaching meetings are conducted in schools, sub centre, Latur for understanding student support related issues.
- University arranges PTS Meeting are called once in year Parent feedback is obtained for further improvement in some special cases parents were invited to discuss the matter related to their ward

**6.13 Development programmes for support staff:**

- Induction program for newly recruited teaching faculties conducted. Organised training for non-teaching staff.
- Minimized the paper work by sending assignments
- Departmental notices through E-mail.
- School organizes tree plantation at various events

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

- Use of e-circulars to save papers, tree plantation, solar street.
- Lamps, tree adoption scheme.
- University has undertaken a project “Green University Clean University” and has planted 3500 trees.
- Tree plantation and adaptation scheme by school of education sciences.
- The students of school of social sciences and the faculty are very much concerned about the environment of the premises. They keep the premises and garden clean and every year flower and fruit bearing plants are planted.
- Environmental audit, electrical audit done by school of life sciences.
- School of media studies have planted 400 trees of various bread for eco-friendly and green campus.

## 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.**

- Use of SMS alerts
- Girl student adoption scheme for education at campus.
- Organised training of computer and administrative work.
- Initiated the preparation of video lecture with the help of interactive e-boards.
- Conduct of Yoga Camps for staff on occasion of International Yoga Day every year.
- Innovation introduced during this academic year which have created a positive impact on the functioning of the institute. The students are associated with various government agencies like District Legal Services Authority, Maharashtra Arthik Vikas Mahamandal (MAVIM), District Prison, Gram Swachata Abhiyan, District Women's Grievances Cell, etc.
- Created blogs for interaction & tutorial distribution by school of computational sciences.
- Dual degree programs of M.Phil, Ph. D with PG Diploma in Geo-informatics.
- Interdisciplinary PG courses with Certificate course (part time).
- Encouragement to students to attend seminars outside the university in school of earth sciences.

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

Plan of Action	Outcome
1. Establishment of University-Industry cell	1. Established.
2. Shifting of library in owned new building	2. Shifted
3. Constitution of API verification committee under IQAC.	3. PBAS of faculty was analysed by the committee.
4. To enrich library.	4. Number of books purchased, subscription to e-journals
5. To motivate the teachers for educational and research activities.	5. Many faculties participated in National /International conferences, workshops. A national conference on Gender was conducted by School of languages, Literature and

	<p>Cultural Studies. A lecture on Research methods in Journalism for students was conducted by School of Media Sciences.</p>
6. To encourage students for building their personality development.	6. Professional trainings through TPO
7. To encourage the various schools to conduct expert's talks from respective fields.	7. Expert's talks, guest lecturers organised at schools. Special lectures arranged by Dr. Babasaheb Ambedkar study centre on thoughts of Dr. B.R. Ambedkar.
8. Reforms in MCQ exam pattern.	8. A mix pattern of MCQ and descriptive introduced at undergraduate level.
9. Taking advantage of RGSTC for development of University and floating of One Teacher One Skill Scheme.	9. 50 crores sanctioned under RGSTC and One Teacher One Skill scheme conducted were-in eighty colleges were provided the opportunity to get trained by MACCIA.
10. API score verification of CAS proposals as per Act.	10. Sub-committee constituted and proposals screened for CAS in three meetings.
11. Motivating affiliated colleges for completing their NAAC accreditation process.	11. Personal visits by institutional NAAC director to ten colleges, advice sessions with 22 colleges and workshops arranged by IQAC for them on 25-26 Dec. 2014. 11 colleges completed their NAAC process in this year.
12. Research and teaching up gradation.	<p>12. Direct meeting of faculties and V.C. arranged by IQAC to understand their problems and solving them.</p> <p>In collaboration with MACCIA, one teacher one skill are initiated by university. The first workshop is sponsored by university to colleges interested. One faculty and one researcher send abroad for research in ERASMUS MUNDAS program this year.</p>
13. Formal alumni registration- Registered	13. Registered
14. Introduction of school of interdisciplinary studies.	14. Introduced M.Sc. Medical physics in this school
15. Active participation by faculties and students in ERASMUSMUNDUS programme.	15. Two sent abroad- one faculty and one research student.
16. Increased use of MoU activities with SGGs college of Engineering and Technology.	16. Activities increased with workshops conducted in collaboration.
	17. Eligibility of student's: full process made online.

17. Complete online process for student admission.	
--	--

### 7.3 Give two Best Practices of the institution

(Please see the format in the NAAC Self-study Manuals)

i)	Academic autonomy to schools under school system.
ii)	Geological Earthquake Monitoring observatory

(Annexure-II (i), (ii) is attached)

### 7.4 Contribution to environmental awareness / protection

<ul style="list-style-type: none"> <li>• Green university clean university programme adopted.</li> <li>• Tree plantation with the help of Social Forestry Department.</li> <li>• Identification and protection of medicinal plants by project of bio-diversity.</li> <li>• Survey of plants, trees, shrubs, herbs and animals, reptiles, butterflies, birds.</li> <li>• Etc for bio-diversity assessment for environmental audit.</li> <li>• Student has been regularly taught about environmental awareness by means of project seminars.</li> <li>• Participation in Environmental awareness campus.</li> </ul>
---

7.5 Whether environmental audit was conducted? Yes ☒ No ☐

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

<p><b><u>Strengths</u></b></p> <ul style="list-style-type: none"> <li>• Curriculums are designed in consultation with academic experts within and outside the institution which results in a value based education with focus on global competency development.</li> <li>• Use of semester system with CGPA for all post graduate programs has resulted in easy introduction of CBCS.</li> <li>• The University offers a wide range of program option leading to different degrees, Diplomas and certificates. To specify, self-financing courses like Fine and Performing Arts on campus are approved by statutory bodies like UGC, AICTE, NCTE and PCI are offered which</li> </ul>
---

caters the demands of students, industry and help to utilise optimally the enormous infrastructure and facilities.

- Placement activity through training and placement officer, organized remedial coaching, NET/SET workshop, Workshop on e-resources, free software etc.
- Experienced qualified staff with regular update of curriculum.
- Collaborative research with National Research Council Thailand
- Dual degree programs of M. Phil, Ph. D with PG Diploma in Geo-informatics.
- Geological museum in the school of earth sciences with a broadband seismic observatory for earthquake monitoring.

#### **Weakness**

- Majority students with rural backgrounds resulting in lack global perspective, which results in lower motivational deficiency for hiring and lack of updated knowledge. Overseas programs are not offered on campus.
- Low on-campus placements.
- Lack of collaborations with renowned institutions.
- Laboratory and Classroom space constrains.
- Need to improve student strength.
- Lower publication record of Books and lack of patents by faculties.

#### **Opportunities**

- Strengthening the student's/alumni's feedback process by systemizing it online through newly installed servers.
- Introduction of value added courses in Entrepreneurship, Personality development, etc.
- Introducing B.Ed. and M.Ed. courses in distance mode.
- Introducing PG course in sports medicine.
- Vigorous extension activities.
- Psychology and Technology laboratory with advanced equipment and software.
- Collaborations with renowned educational organizations by school of educational sciences.
- Applying for DST-FIST Level 2 program.
- To increase external funding from research projects and taking-up societal relevant consultancy programs by individual faculties.
- Sharing of Credits with other Schools on the campus and Research institutes.

- Exposure to students on National and International forums and training in institutions and industries through MoUs.

**Threats:**


- Promoting the interdisciplinary courses readily acceptable by industries for student placements, majority students being from rural as well as tribal region.
- Running of non-conventional courses like B.A. administrative services in low GER region at University Conducted Model College at Hingoli. It is more challenging because of limited availability of land, space and faculties.
- To develop all-encompassing of skill development of university level.
- Survival of trees in school campus being in draught region.
- Needs to attract good students from diversified background.
- Developing soft skills and personality of students being from the rural backgrounds.
- Inspiring students to take-up careers in Basic Sciences (Research and Development).
- Industrial applicability of UG and PG course.

**8. Plans of institution for next year**

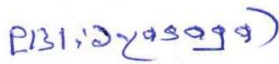
- To host State Level Avishkar 2016 – Research Festival.
- To Construct Animal House for Pharmacy and Life Sciences.
- To construct the Central Instrumentation Centre.
- To Shift Major Instruments of the Institute to Central Instrumentation Centre.
- Construction of Sport Complex in Campus.
- Procurement of more books for Library.
- Procurement of more journals for Library.
- Solar and wind power generation for campus.
- Further implementation of one teacher one skill program in colleges and campus.
- To organize workshop on IPR
- To start bridge course in Mathematics (for other schools).
- To start bridge course in Statistics (for other schools).
- To organize teacher training and enrichment programs.
- To organize workshop on NET/SET examination.
- Further infrastructure Development.
- Digital Library development.



- Organisation of National and International Conferences.
- To actively participate in framing of new National Education policy of Government.
- To shift School of mathematical and statistical sciences in own building.
- To introduce bilingual website of University.
- To increase online interaction with affiliated colleges through A-view.
- To create environmental consciousness among students about use of plastics.
- To conduct regular *Vipashana* programs for staff on campuses.
- Additional Infrastructure Development.
- Certificate Program in Digital Film Making, Film Appreciation, and Creative Writing for Electronic Media in school of media studies.
- Improve research facilities and infrastructure like animal house for betterment of students and university.
- To start bridge course in Mathematics for other schools.

  
**Dr. (Mrs.) Vani N. Laturkar,**  
*Coordinator, IQAC*  
**S.R.T.M. University, Nanded (MS)**

**Director,**  
**IQAC-NAAC Cell,**  
**S.R.T.M. University, Nanded (M.S.)**

  
**Prof. Pandit B. Vidyasagr,**  
*Chairperson, IQAC*  
**S.R.T.M. University, Nanded (MS)**

**Vice-Chancellor**  
**Swami Ramanand Teerth**  
**Marathwada University,**  
**Nanded-431606 (Maharashtra)**

\*\*\*



**Swami Ramanand Teerth Marathwada University,  
Nanded - 431 606 (Maharashtra)**

*(A UGC 2(f), 12(B) recognized & NAAC Re-accredited With 'A' Grade (CGPA 3.06) State University)*

**ACADEMIC CALENDAR FOR 2015-2016**

**1. ALL AFFILIATED COLLEGES, CONDUCTED COLLEGES & RECOGNISED INSTITUTIONS**

Vacation	02/05/2015	To	15/06/2015
<b>First Term</b>	<b>16/06/2015</b>	<b>To</b>	<b>21/10/2015</b>
Vacation	22/10/2015	To	15/11/2015
<b>Second Term</b>	<b>16/11/2015</b>	<b>To</b>	<b>01/05/2016</b>
Vacation	02/05/2016	To	15/06/2016

**2. ALL AFFILIATED COLLEGES OF ENGINEERING & PHARMACY**

<b>First Term</b>	<b>13/07/2015</b>	<b>To</b>	<b>05/12/2015</b>
Vacation	07/12/2015	To	07/01/2016
<b>Second Term</b>	<b>08/01/2016</b>	<b>To</b>	<b>31/05/2016</b>
Vacation	01/06/2016	To	05/07/2016

**3. ALL AFFILIATED LAW COLLEGES**

<b>First Term</b>	<b>01/07/2015</b>	<b>To</b>	<b>10/11/2015</b>
Vacation	11/11/2015	To	06/12/2015
<b>Second Term</b>	<b>07/12/2015</b>	<b>To</b>	<b>16/05/2016</b>
Vacation	17/05/2016	To	30/06/2016

**4. CAMPUS SCHOOLS & SUB CAMPUS ( SUB-CENTRE)**

Vacation	15/05/2015	To	14/06/2015
<b>First Term</b>	<b>15/06/2015</b>	<b>To</b>	<b>06/11/2015</b>
Vacation	07/11/2015	To	04/12/2015
<b>Second Term</b>	<b>05/12/2015</b>	<b>To</b>	<b>30/04/2016</b>
Vacation	02/05/2016	To	31/05/2016

**5. ADMISSION SCHEDULE FOR ALL AFFILIATED COLLEGES INCLUDING  
CONDUCTED COLLEGES (EXCLUDING PROFESSIONAL COURSES)**

<b>Sr. No.</b>	<b>Particulars</b>	<b>UG</b>	<b>PG</b>
01	Commencement of Admission	01/06/2015	15/06/2015
02	Last Date of Submission of Application	20/06/2015	29/06/2015
03	Display of 1 <sup>st</sup> Merit List	23/06/2015	01/07/2015
04	Last Date Payment of Fees & submission of documents of 1 <sup>st</sup> Merit List	25/06/2015	04/07/2015
05	Display of 2 <sup>nd</sup> Merit List	26/06/2015	07/07/2015
06	Last Date Payment of Fees & submission of documents of 2 <sup>nd</sup> Merit List	29/06/2015	09/07/2015
07	Spot Admission & Last date of admission	30/06/2015	14/07/2015
08	Commencement of Classes	01/07/2015	16/07/2015
09	Last Date of Submission of Eligibility Form	31/08/2015	31/08/2015



**Swami Ramanand Teerth Marathwada University,  
Nanded - 431 606 (Maharashtra)**

*(A UGC 2(f), 12(B) recognized & NAAC Re-accredited With 'A' Grade (CGPA 3.06) State University)*

**6. ADMISSION SCHEDULE FOR CAMPUS SCHOOLS & SUB-CENTRE ONLY FOR  
FIRST SEMESTER**

Sr. No.	Particulars	UG	PG
01	Commencement of Admission	01/06/2015	15/06/2015
02	Last Date of Submission of Application	20/06/2015	29/06/2015
03	Display of 1 <sup>st</sup> Merit List	23/06/2015	01/07/2015
04	Last Date Payment of Fees & submission of documents of 1 <sup>st</sup> Merit List	25/06/2015	04/07/2015
05	Display of 2 <sup>nd</sup> Merit List	26/06/2015	07/07/2015
06	Last Date Payment of Fees & submission of documents of 2 <sup>nd</sup> Merit List	29/06/2015	09/07/2015
07	Spot Admission & Last date of admission	30/06/2015	14/07/2015
08	Commencement of Classes	01/07/2015	16/07/2015
09	Last Date of Submission of Eligibility Form	31/08/2016	31/08/2015

**Note:** Professional courses admission will be as per concerned Government Authority's notification.

**7. SCHEDULE OF EXAMINATION**

Sr. No.	Name of Examination	1 <sup>st</sup> Term Exam Date	2 <sup>nd</sup> Term Exam Date
01	BA., B.Com, B.Sc., B.B.A., (III rd year annual pattern +sem. pattern I to IV sem. Backlog Students ) B.F.A., B. Lib., B.J., B.S.W., B.A.(F.D.), B.A.(Animation), B.A.(M.C.J.), (Regular+ Backlog students) & other remaining UG Course.	17/11/2015	05/04/2016
02	B.C.A., B.Sc.(CS), BCM., B.Sc.( Food Tech.), B.Sc.(IT)., B.Sc.(Bio-Tech.), B.Sc. (Bio-Chemistry)	17/11/2015	05/04/2016
03	BA., B.Com, B.Sc., B.B.A., BCS.(2011 Pattern MCQ) & Sem. Pattern. V & VI Sem. & Other Remaining UG Courses		
04	All P.G. College, LAW., B.Ed., B. P. Ed., Pharmacy Course	01/12/2015	19/04/2016
05	Campus Schools	09/12/2015	15/04/2016
06	Engineering Course	16/12/2015	17/05/2016

**वरील वेळापत्रक हे दूर शिक्षण/बहिस्थ (बॅकलॉग) अभ्यासक्रमासाठी देखील लागू राहील.**

**NOTE: 1. If a holiday falls at the commencement of the term or at the end of the term, the next Working day, after the holiday will be the first/last day of the term respectively.**

**2. Backlog students examination shall be commence before regular students examination.**

Ref. No. PG/Acad.Cal./2014-15/ 5293  
Date: 28/05/2015

Sd/-  
**DIRECTOR**  
Board of College & University Development

Copy to:

1. All the Principals of Affiliated Colleges,
2. All the Heads of Campus Schools, 3. Director, Sub-Center, Latur
4. Principal, Model College, Hingoli, 5. All the Heads of Administrative Sections
6. The Registrar, S.R.T.M. University, Nanded , 7. The Controller of Examinations, S.R.T.M. University, Nanded
8. The Librarian, S.R.T.M. University, Nanded
9. Deans of all Faculties
10. The System Expert, U.G.C. S.R.T.M.U. Nanded, to display on the Website.

**i) Title of the Practice : School system in University**

**1. Objectives of the Practice**

**What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)**

University Grants Commission has always been encouraging upon establishing multi-faculty and inter-disciplinary Schools/ Centres at the University campus, which would be innovative as compared to the conventional academic infrastructure. Since inception, the University has taken certain decisions which were path breaking. One of such decision is the establishment of schools in place of conventional department system. A lot of effort has been put in to build adequate infrastructure on the campus. It provides flexibility to offer disciplines and specializations which are of urgent need to the society and to accommodate the future needs.

Each school is headed by a Director to make academic and administrative coordination. The emphasis is on providing a wider choice of courses at different levels.

**2. The Context**

**What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?**

- Establishment of school gives a new impetus to develop areas which are more encompassing and supportive to develop inter and multi-disciplinary culture.
- Since its inception University has made conscious efforts towards nurturing a mind-set of teachers and students conducive to school system.
- Getting the staffing pattern sanctioned by Government in the school remains inadequate to facilitate the contextual feature as planned for the school being an unconventional pattern.
- The courses designed in a school depend mostly on the availability of faculty in the school because of mobility choices of eligible candidates, the University situated in rural area.

**3. The Practice**

**Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?**

The steering committee of the Department of Science and Technology, the University Grants Commission and Planning Commission recommended from time to time that the Universities should be advised to introduce interdisciplinary courses by extending beyond the limits of faculties as normally understood. This alone can provide the right kind of technology to define, innovate, execute and complete the process of development. Further, it can provide an answer to another pertinent question inevitable in the present context of this country opening to competitive global economy and that is, whether we can set standards and goals on the line of those set by the technologically most advanced nations?

Following are the uniqueness of school system which provides solution to this issue:

Under school system, faculty appointed for the school are not for a particular course and the appointed faculty in the school can deal with the subject related to their specialization. For example, faculty having specialization in financial management can deal with the paper related to financial management in M. Com, BBA as well as MBA courses run under the umbrella of

the same school. The specialization in major subjects are offered with minors in other specialization.

Under the school system, the salary grants received by the university are for the faculties in a particular school and not for a typical course. As a result, there is a constraint experienced when there is an increase in the courses or electives introduced in the same school as per the demands. The school administration system provide scope for grant of academic autonomy, development of second line leadership due to rotation system among Directors and Heads, use of infrastructural resources as common tool for all courses and multicultural environment leading to exchange of ideas and common activities between the students of various courses. The ultimate aim of success of CBCS is based essentially on the school system which provides genuine system for inter and intra level credit transfers. The infrastructural set up has to be developed in parity with the number of courses added from time to time which many a times results in inadequate lab/classroom spaces.

#### **4. Evidence of Success**

**Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.**

Under the school system, University has successfully performed again the targets and benchmarks. The following are the results evidencing success:

- The academic autonomy granted to schools has resulted in systemic course designing and development and regular curriculum revision.
- The introduction of CGPA and CBCS is strongly standing on basis of school system.
- The expertise of faculties is used across the different courses.
- Optimum use of resources is made because of common labs, equipment's and even administrative staff.
- It results in beautiful use of participative and democratic management because of ad-hoc boards for each school and involvement of faculties in various school committees.
- The second line leadership development is much talked about in the corporate world. This University has effectively practices this through rotation of Directorship and Headship among senior faculties.
- The best result the school system has produced is high level of interdisciplinary activities in the campus.
  - a) Joint international conferences.
  - b) Major high end equipment's are purchased with the thought of interdisciplinary approaches and utilities. It resulted in quality research publications and projects.
  - c) Indian patent has been filed jointly between schools.
  - d) Projects at School of Educational Sciences for physical education are based on allied medical sciences.
  - e) Implementation of ERASMUS-MUNDUS Euphrates programme is another visible outcome of this policy.
  - f) The flexibility is provided in true sense to students while opting for credits of their choice.

#### **5. Problems Encountered and Resources Required**

**Please identify the problems encountered and resources required to implement the practice (in about 150 words).**

Some common problems being encountered in school systems are

- To accommodate individual courses and their growth within limited infrastructure facilities.
- Finding experts to deal with number of papers when the courses are separated for specialization for example one teacher in the school having physical chemistry specialization cannot complete all the papers of the same specialization.

## 6. Notes

**Optional. Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).**

Following points can be considered in relevance to adopting school system by other institutes.

**a. Core / Elective options:** Schools, in each semester, have certain core subjects that are basic to the discipline and electives that are of specializations. Electives are offered in the second, third and fourth semesters, specific to the courses and schools.

**b. Enrichment courses:** Subjects can be added on personality development, communication, business ethics, values and attitudes, human rights by Schools like Commerce and Management Sciences and Social Sciences.

**c. Lateral and vertical mobility within and across programmes, courses and disciplines:** Lateral mobility is allowed for M.C.A. course wherein Bachelor of Computer Applications / Bachelor of Science / Bachelor of Science (Information Technology) can directly enter in M.C.A. second year as per Directorate of Technical Education guidelines. Similarly, candidates who have passed Diploma in Pharmacy can be admitted directly to the second year of Bachelor of Pharmacy degree course through lateral entry system.

## ii) Geological Earthquake Monitoring observatory

**Title of the Practice:** Seismological observatory

### 1. Objectives of the Practice

**What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)**

- (a) Seismology centre has been established to understand the seismicity of the region and to decipher its seismic structure.

### 2. The Context

**What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?**

- (a) The School of Earth sciences has been initiated aftermath of the Killari earthquake (M ~ 6.3) of 1993. The Killari earthquake has changed the perception of scientists about the Deccan province and a new branch of seismology stable continent earthquakes. The University had built an observatory building at Killari and Nanded.

### 3. The Practice

**Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?**

- (a) The broad band Seismological data is being recorded continuously in a digital recorder. The data is being continuously analysed for understanding the seismicity of the region. The data of local earthquakes recorded on the network of stations are used to locate the epicentres and magnitudes. It is being reported to the local

administration as and when the earthquake occurs, which will be forming the base of disaster management in case of a disaster.

**4. Evidence of Success**

**Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.**

- (a) The continuous data monitoring and analysis has resulted in understanding the seismic activity of the region and also has resulted in one major, one minor project and publications. The output generated has resulted in hazard assessment of Nanded city submitted to the collector office as a part of multi institutional project of Rs. 44.60 lakhs.

**5. Problems Encountered and Resources Required**

**Please identify the problems encountered and resources required to implement the practice (in about 150 words).**

- (a) These sophisticated instruments are manufactured abroad and hence maintenance are expensive. To operate the stations continuously supporting accessory equipment's and battery needs to be monitored regularly. There is a need for supporting staff and budgetary provision for maintenance of the state of the art imported seismic stations.

**6. Notes**

**Optional. Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions.**

- (a) We would like to make the observatory of international standard data quality wise and are also working on the modalities to make the data a part of National repository to make the data available throughout the country. We are already in collaboration with National Geophysical Research Institute, Hyderabad, IIIT, Hyderabad, Ground water Survey and Development Agency, Government of Maharashtra, Nanded. Science College, Nanded. We are operating a network of stations in Nanded. We are also extending scientific support in operating a seismic station of Nanded Waghala Municipal Corporation, Nanded.

\*\*\*