Sant Gadge Baba Amravati University

ANNUAL QUALITY ASSURANCE REPORT

(JULY 2013 - JUNE 2014)

SUBMITTED TO

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL, BANGLORE

Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1	Name of the Institution:	Sant Gadge Baba Amravati University
1.2	Address Line 1:	Camp
	Address Line 2:	University Campus
	City / Town:	Amravati
	State:	Maharashtra
	Pin Code:	444602
	Institution e-mail address:	vc@sgbau.ac.in provc@sgbau.ac.in reg@sgbau.ac.in
	Contact Nos.	0721-2662173, Fax: 2660949
	Name of the Head of the Institution:	Dr. Mohan Khedkar Vice Chancellor
	Tel. No. with STD Code:	0721-2662373 , Fax: 2662135
	Mobile:	+919422148053
	Name of the IQAC Co-ordinator:	Dr. S. F. R. Khadri
	Mobile:	+919423425393
	IQAC e-mail address:	diriqac@sgbau.ac.in
1.3	**NAAC Track ID**	MHUNGN10062
1.4	**NAAC Executive Committee No. & Date:**	EC/52/RAR/71 dated 28/03/2010
1.5	Website address:	www.sgbau.ac.in
	Web-link of the AQAR:	www.sgbau.ac.in/AQAR2010-11.doc

1.6 Accreditation Details:

S N	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	71.80 Institution Score	2002	2007
2	2nd Cycle	B	2.63 CGPA	2010	2015

1.7   Date of Establishment of IQAC: 01/05/2006

1.8   AQAR for the year: 2013-2014

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

AQAR 2012-13 submitted to NAAC

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 (eg. AICTE, BCI, MCI, PCI, NCI)   Yes ☐   No ☐

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)   Home Science, Pharmacy, Social Science

1.12   Name of the Affiliating University *(for the Colleges)*   N.A.

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

Autonomy by State/Central Govt. / University   State

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*)	DBT Bioinformatics Centre
UGC-COP Programmes	---		

2. IQAC Composition and Activities

2.1 No. of Teachers   06

2.2 No. of Administrative/Technical staff   03

2.3 No. of Students   02

2.4 No. of Management Representatives   02

2.5 No. of Alumni   -

2. 6 No. of any other Stakeholder and   01
     Community Representatives

2.7 No. of Employers/ Industrialists   01

2.8 No. of other External Experts   01

2.9 Total No. of members   16

2.10 No. of IQAC meetings held   02

2.11 No. of meetings with various stakeholders: No. of Faculty   01   Nonteaching   01

Students   01   Alumni   01   Others   01

2.12 Has IQAC received any funding from UGC during the year?   Yes   No   √

If yes, mention the amount   ---

2.13 Seminars and Conferences (only quality related)

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

Total Nos.	International	National	State	Institute Level
05	---	---	---	05

(ii) Themes

Accreditation Awareness

2.14 Significant Activities and contributions made by IQAC

- Channelized quality improvement by creating ICT infrastructure
- Formulation of a draft policy regarding research activities especially Ph.D. programme
- In tune with the UGC and state government directions, extensive efforts for promotion and propagation of CBCS
- Initiations in restructuring of curricula based on the feedback received
- Promotion of Research and Patent Cell
- Consistent encouragement and facilitation to the teachers for quality research publications and innovative research projects
- Organization of Awareness Workshop on Right to Information

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
Formulation and extensive implementation of academic calendar	Academic calendar for the year has been prepared and meticulously observed.
Exploration of research prospects	Encouragement to the teachers to undertake research projects, present papers organized national, international academic conferences and workshops. As many as 49 teachers have attended and the international conference and 58 papers have been presented. 77 teachers attended national conferences presenting 90 papers. Likewise 14 teachers participated in state level conferences and 4 teachers presented papers.
Strengthening of the infrastructure	Construction of classrooms, laboratories and seminar halls have been effected covering the total area of 1253 sq.mts.
Examination reforms	Promotion and propagation of CBCS along with development of ICT infrastructure related to examination.
Strengthening the Patent Cell	Basic requirements to promote patent are being provided to the Patent Cell.
Introduction of more vocational and job-oriented academic programmes	In tune with the vocalization of education policy of UGC and the state government new vocational and job oriented programmes have been incorporated in

	the perspective plan of university.
Organization of pro-research / academic conferences and seminars at National and International Levels	02 international, 6 national, 2 state level and 17 institutional level conferences/ workshops/ seminars have been organized.
Establishment of more National / International Research Linkages	The existing linkages have been extended.
To accelerate recruitment process for vacant teaching and non teaching posts.	The teaching and nonteaching vacancies have been filled up to a great extent.
Introduction of innovative programmes.	02 Innovative programmes have been sanctioned by the University Grants Commission.

2.16 Whether the AQAR was placed in statutory body: Yes √   No ☐

Management ☐   Syndicate ☐   Any other body √

Provide the details of the action taken :

The Annual Quality Assurance Report prepared in tune with the plans of the IQAC has been prepared addressing to all the proposed actions and placed before the IQAC for onward submission to the NAAC. The IQAC after thorough discussion approved the AQAR and resolved to submit the same to the NAAC, Bangalore.

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
PhD	32	--	--	--
PG	26	--	--	--
UG	01	--	--	--
PG Diploma	04	--	--	--
Advanced Diploma	00	--	--	--
Diploma	00	--	--	--
Certificate	00	--	--	--
Others (DSc, D.Litt., LLD.)	03	--	--	--
Total	66	--	--	--

Interdisciplinary	02	--	--	--
Innovative	03	--	--	--

1.2 (i) Flexibility of the Curriculum:

CBCS/Core/Elective option / Open options CBCS for P. G. Courses in the Faculty of Science, Engineering and Technology. Core options for the courses in the Faculty of Engineering and Technology and Elective options for PG programs in Science, Humanities and Commerce and Management

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	25
Trimester	--
Annual	05

1.3 Feedback from stakeholders*   Alumni [√]   Parents [√]   Employers [√]   Students [√]
(On all aspects)

Mode of feedback   :   Online [ ]   Manual [√]   Co-operating schools (for PEI) [ ]

* Please refer Annexure-II for an analysis of the feedback

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

- The need based revision has been carried out in the curricula of some courses addressing to the job employability, soft skills etc.
- The revision and restructuring of syllabi is a continuous process
- Attempts for promotion of CBCS and grading system to all the programmes
- Strengthening of General Interest Course (GIC) for additional credits to increase flexibility of elective options

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
86	53	17	10	06

2.2 No. of permanent faculty with Ph.D. | 65 |

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
02	01	01	01	01	-	-	-	04	02

2.4 No. of Guest and Visiting faculty and Temporary faculty | 04 | | 05 | | 224 |

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	49	77	14
Presented papers	58	90	04
Resource Persons	26	61	07

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

- Extensive use of ICT based teaching tools
- Interactive eLearning has been the special feature of teaching learning process
- Emphasis on self learning through seminars, symposia, quiz, group discussions, presentations etc. to make the topic more clear and lucid
- Increase in the elective papers in syllabi
- Emphasis on use of e-resources like e-books, Video Lectures, Animations for effective illustration
- Incentive teaching to the advanced and slow learners

2.7 Total No. of actual teaching days during this academic year | 196 |

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

- More efforts have been put in for promotion of CBCS
- Grade system has been extended to more academic programs for appropriate evaluation of the performance of the examinees
- Open book tests, weekly tests for multiple choice questions, and surprise tests have been extended to more departments
- Redressal system has been made more transparent and clear

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

| 23 | 16 | 23 |

2.10 Average percentage of attendance of students

| 82% |

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
M.Sc. (Applied Elect.)	18	00	44.44	5.66	00	50
M.Sc. (Chemistry)	29	00	79.31	00	00	79.31
M.Sc. (Physics)	22	00	95.45	4.55	00	95.45
M.Sc. (Botany)	27	00	44.44	00	00	44.44
M.Sc. (Zoology)	15	00	7.00	00	00	46.66
M.Sc. (Microbiology)	26	00	96.15	3.85	00	100
M.Sc. (Geology)	17	00	100	00	00	100
P.G.Diploma Watershed Tech. &Mgt.	08	00	87.50	00	00	87.50
M.Sc. (Biotech)	17	58.82	29.41	00	00	88.23
M.Sc. (Home Science)	25	00	96.15	00	00	96
M.Sc. (Mathematics)	26	26.92	3.84	00	00	13
M.Sc. (Statistics)	04	00	25	00	00	25
M.Sc. (Computer Sci.)	20	00	60	00	00	60
P.G.D.C.S. (Computer Sci.)	04	00	00	00	00	00
M.C.A. (Computer Sci.)	57	00	84.21	00	00	84.21
M.E. (Computer Sci.)	20	00	45	00	00	45
M.A. (Hindi)	17	00	64.7	00	00	64.70
M.A. (Marathi)	29	00	00	29.68	24.14	51.72
M.A. (Sociology)	27	00	00	22.22	26.63	51.85
M.A. (English)	07	00	00	00	00	00

B.Tech. (Chem. Tech.)	43	00	60.46	00	00	60.46
M.Tech. (Chemical Tech.)	10	00	40	00	00	40
B. Lib. (Library Sci.)	16	00	75	6.25	00	81.25
M. Lib. (Library Sci.)	20	00	10	30	00	40
M. B. A.	54	29.62	51.86	00	00	81.48
M.P. Ed. (Physical Ed.)	22	00	95.45	00	00	95.45
L.L. M. (Law)	12	00	58.33	41.66	00	100
P. G. Diploma law in Human Resource and Education	09	00	44.44	00	00	44.44
M. Ed. Education	34	00	100	00	00	100

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

- IQAC invariably is keen regarding updation of subject knowledge of the teachers and provides the suitable academic infrastructure to them
- Extensive use of ICT based innovative teaching methods
- Promotes interactive teaching learning in the classroom
- Redesigning the curricula on the feedback from the stake holders making it more pro-research and pro-employment

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	11
UGC – Faculty Improvement Programme	01
HRD programmes	--
Orientation programmes	07
Faculty exchange programme	--
Staff training conducted by the university	04
Staff training conducted by other institutions	03
Summer / Winter schools, Workshops, etc.	10
Others	01

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	377	44	04	-
Technical Staff	77	05	--	-

Criterion – III

3. Research, Consultancy and Extension

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

- Organization of research activities in the teaching departments by way of organization of academic seminars, exhibitions and also popular lectures of experts
- Regular organization of 'Avishkar' at University level for Teachers, Research Scholars and Students. Motivation to the select affiliated colleges to organize district level 'Avishkar'
- Consistent encouragement to the teachers and the researchers to go in for innovative research.
- Strengthening of the Research and Patent Cell
- Promotion and strengthening of Central Instrumentation Cell (CIC) for sharing sophisticated equipments among the departments for quality research work

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	09	03	03	15
Outlay in Rs. Lakhs	218.36	64.63	64.13	117

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	02	--	--	--
Outlay in Rs. Lakhs	2.60	--	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	183	39	02
Non-Peer Review Journals	06	14	00
e-Journals	48	04	00
Conference proceedings	65	100	04

3.5 Details on Impact factor of publications:

Range 0.3-7.58   Average 4.09   h-index 02-54   Nos. in SCOPUS 28

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 Project	3 years	SERB SERB SERB	1653000 3610000 1200000	10,00000 27,00000 6,00000
Minor projects	-	-	-	-
Interdisciplinary project	-	-	-	-
Industry sponsored	-	-	-	-
Projects by the University/College	-	-	-	-
Students research project (Other than compulsory by the University)	5 years	DST DST UGC	250400 250400 242400	250400 250400 242400
Any other (Specify)	-	-	-	-
Total			72,06,200	50,43,200

3.7 No. of books published i) With ISBN No. | 09 | Chapters in Edited Books | 04 |

ii) Without ISBN No. | -- |

3.8 No. of University Departments receiving funds from

UGC-SAP | 02 | CAS | -- | DST-FIST | 02 |

DPE | -- | DBT Scheme/funds | 01 |

3.9 For colleges   Autonomy | -- | CPE | -- | DBT Star Scheme | -- |

INSPIRE | -- | CE | -- | Any Other (specify) | -- |

3.10 Revenue generated through consultancy | Rs. 2.95 lacs |

3.11 No. of conferences organized by the Institution:

Level	International	National	State	University	College
Number	02	06	02	17	00
Sponsoring agencies	UGC, DBT, DST, MoES, CSIR	UGC	University	University	--

3.12 No. of faculty served as experts, chairpersons or resource persons   116

3.13 No. of collaborations   International 10   National 12   Any other 02

3.14 No. of linkages created during this year   08

3.15 Total budget for research for current year in lakhs:

From funding agency   215.596   From Management of University/College   11.01

Total   226.606

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	04
	Granted	--
International	Applied	--
	Granted	--
Commercialised	Applied	--
	Granted	--

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
33	11	14	06	02	--	--

3.18 No. of faculty from the Institution
who are Ph. D. Guides   43
and students registered under them   216

3.19 No. of Ph.D. awarded by faculty from the Institution   38

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

JRF 16   SRF 04   Project Fellows 14   Any other 16

3.21 No. of students participated in NSS events:

University level	1574	State level	238
National level	12	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	04	State level	02
National level	01	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	22	College forum	02		
NCC	--	NSS	05	Any other	10

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

- Organization of Dr. Motilal Rathi Workshop on Public Health Awareness addressing to the significance of nutrition and vegetables by Department of Home Science
- Organization of a technology show regarding social health and public hygiene by Department of Home Science
- Organization of a special workshop on 'Emotional Intelligence'
- A workshop on 'Human Development' in collaboration with YASHDA, Pune
- Organization of competition in poster presentation and debugging code
- Organization of regular 'Shramdan' camps
- Celebration of World Environment Day
- Massive tree plantation and cleanliness programme

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	470.63 Acre	--	--	470.63 Acre
Class rooms	3609.53 sqm	494.61 sqm	UGC, Government Grant, University Fund	4104.14sqm
Laboratories	4697.64 sqm	692.96 sqm		5390.60 sqm
Seminar Halls	1697.26 spm	65.90 sqm		1736.16 sqm
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	29 32	15 45	UGC/Govt. University Fund	44 77
Value of the equipment purchased during the year (Rs. in Lakhs)	155.40 lacs 93.63 lacs	73.36 122.50	UGC/Govt. University Fund	228.76 216.13

4.2 Computerization of administration and library

1. Library:

a. Installation of Lenevo Personal Computer Desktop i 7 – 4770, an Advenced Computer Systems

b. Installed Ezproxy Server for providing accesibility to e-resources to faculty members and registered researchers of the University from their own destination

c. Provided User ID and Password to the faculty member to accesses from their own   destination through Exproxy Server

d. Provision of ID Membership to the students intstead of Borrower Ticket

e. Web OPAC Facilites is Provided through Website/Portal

f. 280 Ph. D. theses are digitized and uploaded 180+ out of it into Shodhgaga

g. Federated Search Facility is provided to the users to search the required information available in various databases subcribed by the library from once single wiudows

h. Developed computerised system for books verification and the work of verification is done through it in 2014

i. Updated Library Portal by Uploading required information

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (in lacs)	No.	Value (in lacs)	No.	Value (in lacs)
Text Books / Reference Books	102784	659.04	5182	61.38	107965	720.42
e-Books	126	9.50	--	--	126	9.50
Journals	117	2.98	--	--	117	2.98
e-Journals	10000+		--	--	10000+	--
Digital Data base	7	16.58	2	13.56	9	30.15
CD and Video	1500	--	35	--	1535	--
Others (specify) Theses	2180	--	--	--	2180	--
Dissertation	28360	--	2439	--	30799	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart ments	Others
Existing	728	30	1 GBPS line	01	01	06	22	Increase in wi-max zone
Added	28	--		00	00	01	00	
Total	756	30		01	01	07	22	

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

- Open access for the students and the teachers to net-enabled computers
- The computers in the laboratory are interconnected with LAN
- Online communication of agenda, meeting notice and proceedings of the meeting etc to the employees of the university
- Use of A-View (e-Learning tool) for video conferencing, multicasting lectures, talks
- Consistent use PPT
- Adoption of computer and web-based teaching learning process
- Broadband internet and wifi internet connectivity
- Internet connectivity has been extensively extended to the classrooms, laboratories, seminar halls through BIF

4.6 Amount spent on maintenance in lakhs:

   i)   ICT

   | 17.88 |

   ii) Campus Infrastructure and facilities

   | 77.17 |

   iii) Equipments

   | 3.91 |

   iv) Others

   | 24.93 |

   Total:

   | 123.89 |

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Publication of letters and pamphlets regarding student support services
- Organization of employment guidance workshop through various departments
- Strengthening of e-Resources through library to the students and researchers
- Online Ph.D. aptitude test for students across the nation
- Organization of research, teaching and extension activities under TRDEA with special budgetary provision
- Establishment of legal aid centre for women
- Free medical check up for the students with necessary medical aid
- Strengthening of games and sports facilities to the students through the Board of Physical Education and Recreation
- Motivation and facilities for extra curricular and cultural activities.
- Establishment of 'Avishkar Cell' to inculcate the research spirit among the budding researchers.

5.2 Efforts made by the institution for tracking the progression

- Organization of quiz competitions, poster competitions, debates etc to evaluate and track students progression
- To track writing skills of the students Open Book tests and Surprise Tests are invariantly conducted by the departments
- Motivation and subsequent involvement of the students in preparation of experimental kits and projects.
- To track ICT progression among the students, computer training programmes and computer tests
- Organization of PCB fabrication workshop for students
- Instrumental demonstration through CIC

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
225	1273	216	23

(b) No. of students outside the state 19

(c) No. of international students --

Men	No	%
	442	42.20

Women	No	%
	879	57.79

Last Year	This Year

General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
524	260	38	752	01	1575	527	265	38	690	01	1521

Demand ratio: 1:5   Dropout %: 1

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

- Organization of workshops and training programs by Career and Counselling Cell
- Establishment of Centre for Coaching for competitive examinations
- Regular conduct of coaching classes and examinations by NET centre
- Conduction of mock interviews to build the self-confidence of the students
- Remedial Coaching for SC,ST and Minority students
- Formulation of topic wise NET/SET/GATE question banks and solutions to tricky questions
- Nurturing of the aspirants of competitive examinations through the UPSC / MPSC centres

No. of students beneficiaries   1117

5.5 No. of students qualified in these examinations

NET 21   SET/SLET 19   GATE 03   CAT --

IAS/IPS etc --   State PSC 02   UPSC --   Others 14

5.6 Details of student counselling and career guidance

- Organized lectures on job opportunities in the electronic sector
- Organization of a special lecture on 'Career Opportunities in Food Science and Nutrition, Resource Management and Communication and Extension'
- Organization of awareness workshops on 'Opportunities in Defence Forces'
- Organized workshops and lectures to imbibe on the young minds, the spirit of competitive examination

No. of students benefitted   410

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
01	11	04	23

5.8 Details of gender sensitization programmes

- Celebration of International Women's Day by the Department of Home Science on modernization of women status.
- Continuous motivation by the teaching departments to the girls to inculcate the qualities of leadership.
- Modification of curriculum by introducing a special paper on 'Gender and Society' at P.G. (Sociology)
- Counselling and concessions to the girls as and when required

5.9 Students Activities

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

State/ University level 376   National level 301   International level --

No. of students participated in cultural events

State/ University level 61   National level 22   International level --

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

Sports : State/ University level 08   National level 13   International level --

Cultural: State/ University level 13   National level 05   International level --

5.10 Scholarships and Financial Support

	Number of students	Amount (in lacs)
Financial support from institution	240	11.71
Financial support from government	772	116.34
Financial support from other sources	46	36.00
Number of students who received International/ National recognitions	03	7.43

5.11   Student organised / initiatives

Fairs   : State/ University level   01   National level   --   International level   --

Exhibition: State/ University level   02   National level   02   International level   --

5.12   No. of social initiatives undertaken by the students   08

5.13 Major grievances of students (if any) redressed:

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution:

Vision

Emancipation of society from the darkness of ignorance by imparting knowledge and wisdom at its plentiful.

Mission

To contribute to the society through the pursuit of education, learning and research at the highest level of excellence.

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

- Restructuring of curricula based on the feedback from industry and other stake holders
- Promotion of vocational subjects in the curricula
- Contribution of experts from all sectors in the modification of curricula by nomination of the various Board of Studies
- Formulation of the policy making master degree courses inter and intra disciplinary, participatory and research oriented
- Emphasis on pro-competitive examinations curricula

6.3.2 Teaching and Learning

- Promotion of ICT based teaching learning method
- Facility of high speed internet connectivity to the computers for effective teaching
- Adoption of power point presentation and other interactive softwares to make the topic interesting and thereby to achieve effective teaching
- Regular organization of classroom seminars, panel discussions, one-to-one contact and academic discourses by experts

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6.3.3 Examination and Evaluation

- Initiation for implementation of examination reforms
- Revaluation procedure has been made more transparent and student friendly by provision of issuance of photocopies of answer sheets
- Extensive use of online methods for declaration of examination results
- Strengthening of Grievance Redressal Cell for examination

6.3.4   Research and Development

- Establishment of Patent Cell. Encouragement to the faculty members to file patents through Patent Cell along with financial assistance. 04 patents have been filed at national level.
- Strengthening of Research Cell
- Organization of Special Training Programmes motivating the young researchers and the students to undertake innovative research projects
- Functioning of Research and Recognition Committee to access and promote research culture
- Regular monitoring of Board of University and Teaching Research (BUTR) for promotion of qualitative research in the university
- Organization of national, international, state level symposium/ seminars/ workshops, conferences in the university campus
- Facility of travel grants in and outside the nation for participation in conference and seminars and presentation of papers
- Motivation to the faculty for research linkages at national and international level to achieve research development

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Establishment of Departmental Libraries with ICT and online resources
- Computerization of library and open access to all through SOUL software
- Development of Book Bank
- Use of DLP, interactive board and Digital Visualizer
- Extension of department buildings
- Initiation of construction of boundary wall for the campus.
- Renovation of BCUD and Computer Centre
- Extensive services of Students Access Centre
- Facility of fabrication of different technical modules/ job works in Fabrication Laboratory (Fab Lab)
- Renovation of auditorium and athletic track

6.3.6 Human Resource Management

- Optimum utilization of the support staff by means of Central Administrative Services Unit (CASU)
- Provision of facilities such as loan for purchase of vehicle/ computers / grains etc to enhance workability of the staff members by facilitating them
- Appreciation of the potential and competency of the employees by conferring the awards and as such effective management of the resources
- Utilization of the skills and techniques of the employees by providing them the advanced instruments

6.3.7 Faculty and Staff recruitment

- In tune with the prevailing norms for recruitment, the vacancies of teaching and nonteaching staff have been filled in.
- Visiting and guest lectures have also been appointed for promotion of quality teaching and research
- Meticulous implementation of Career Advancement Scheme for teachers and promotions to the support staff.

6.3.8 Industry Interaction / Collaboration

- Organization of Short term study tours in academic institutions and private libraries
- Organization of visits to various NGOs to study the work culture
- Special visit to District Industrial Centre (DIC) to observe and have entrepreneurs related skills

6.3.9 Admission of Students

- Wide publicity has been given in print and electronic media regarding admission procedure
- Organisation of career counselling for students to create awareness among themselves to opt the right and job oriented academic programmes
- Publication of articles and other relevant information outlining the potential and scope of for various academic programmes at the beginning of academic session
- Adoption of single window central admission process for all PG courses resulting into an efficient and effective admission mechanism
- Online application forms for all PG courses, publication of online merit list of the candidates selected and 24X7 help desk by means of email and call centre and proper guidance to the students during admissions
- Choice based Admission to the students for specialised courses
- Reserved quota for other University and foreign students in the admissions
- Centralised Admission process for departments like Chemical Technology/MBA/MCA/M. Ed and online entrance test for admission to MSc. Micro-Biology
- Meticulous observance of the Government Reservation policy regarding admissions

6.4 Welfare schemes for

University has adopted strategy to strengthen welfare schemes as given below for teaching, non teaching staff and students to enhance the healthy working culture.

Teaching	• Lowest interest rate loan for purchasing two and four wheeler vehicles • Loan facility from University employees' cooperative society • Personal loan facility • Leave Travel concession (LTC) • Faculty Improvement Programme (FIP) • Facility of advance for purchase of Computers • Employee Welfare Fund
Non teaching	• Loan facility for purchase of grains • Festival advances • Loan facility from University employees' cooperative society • Leave Travel concession (LTC) • Facility of advance for purchase of Computers. • Employee welfare fund
Students	• Earn and learn scheme • NET and Remedial Coaching classes for SC/ ST/OBC and Minority • Life insurance facility with enhanced risk coverage • Students Welfare Fund • Free accommodation to the B.C. students in the university hostels

6.5 Total corpus fund generated | 39.87 lacs |

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	No		No	
Administrative	No		No	

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

For UG Programmes   Yes | √ | No | |

For PG Programmes   Yes | √ | No | |

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

- The university has been trying hard to incorporate and implement the examination reforms as prescribed by the University Grants Commission
- Examination reforms such as end-to-end programme in some programmes have already been introduced including introduction of Credit and Grade System and Choice Based Credit System

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

- For widening the jargon of elective options, the university have granted autonomy to couple of colleges and motivating the other affiliated colleges to apply for autonomy

6.11 Activities and support from the Alumni Association

- Conduction of various activities in the departments along with Alumni Association.
- Alumni are convinced to come forward in support of their alma matter by way of donations in cash and kinds
- Counselling of the students by alumni regarding their placement and other career opportunities

6.12 Activities and support from the Parent – Teacher Association

- Regular organisation of Parents-Teacher meets
- Discussions regarding Students progress with the parents to identify areas for improvement
- Due consideration to the feedback from parents and subsequent incorporation of ideas and suggestions in restructuring of curricular, co-curricular and extra-curricular structure of the university
- In exhaustive efforts to seek continuous involvement of the parents for the development of the students in particular and the university in general

6.13 Development programmes for support staff

- Special training programmes for support staff to increase their professional competency
- Provision of advanced equipments to increase technical efficiency of the support staff
- Organization of programmes to inculcate among the support staff, the spirit of technology advancement
- Facilitation by means of creating workable atmosphere to increase the workability

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

- Conduction of Cleanliness Drives like Shramadan and Cleanliness in the campus
- Celebration of the International Environmental day
- Promotion of water conservation
- Plantation on the large scale to keep the campus full of vegetation
- Meticulous implementation of protocol for the disposal of waste
- Promotion of fire audit in the university campus
- Conservation of energy by means of judicious use of electricity and water
- Extensive use of solar energy and thereby saving electricity and maintaining the economy
- The creation of pits, ponds and other water reservoirs to counter the scarcity of water and also to provide drinking water to the animals and birds in the university 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.

> i. Fire audit of the campus has been undertaken to provide proper protection to the infrastructure and the inmates
> ii. Digitisation of Thesis and question papers of various examinations
> iii. Organisation of a fitness Camp by the Department of Physical Education wherein fitness test and counselling are conducted for Students, Staff, Teachers and citizens free of cost
> iv. Conferment of 'Best Service Award' to acknowledge the services of teaching, Non-teaching staff and Principals of affiliated Colleges
> v. Strengthening of scheme 'Sant Gadge Baba Vidyadhan Yojana' to facilitate the students seeking education loan in terms of reimbursement of the interest amount

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	Action Taken
Formulation of Academic Calendar	In tune with the practice of preparing academic calendar, the same has been formulated by the committee.
Exploration of research prospects	Attempts have been made to explore every possibility for the development of research activities in the university and as such the teachers were motivated to participate and present papers at National, International academic events etc. And as such almost 225 research papers have been published in peer-reviewed National and International journals. In addition 19 papers have also been published in non-peer reviewed journals supported by publication of articles by the teachers in e-journals. Along with more than 150 papers in conference proceedings at National and International level.
Strengthening of the infrastructure	Physical infrastructure have been strengthened by construction of classrooms, laboratories etc covering the area of 1153 sq.mtrs. In addition, 15 instruments have been purchased amounting to 73.36 lacs with financial assistance from UGC and the state government and 45 equipments have been purchased by the university worth Rs. 122.50 lacs from its General Fund.
Examination reforms	Possible efforts have been made to incorporate examination reforms in the university system. This issue of

	implementation of examination reforms has been placed before the competent authorities for approval.
Strengthening the Patent Cell	Budgetary provision has been made to strengthen the Patent Cell.
Introduction of more vocational and job-oriented academic programmes	In tune with the UGC's policy of vocationalization of education, B.Voc and Community College programmes have been introduced in the affiliated colleges. The proposals for establishment of School of Languages and Social Sciences have already been submitted to the State Governement.
Organization of pro-research / academic conferences and seminars at National and International Levels	Academic conferences / Seminars have been organized at various levels International Conferences – 02 National Conference – 06 State Level Conferences – 02 Institution Level – 17
Establishment of more National / International Research Linkages	Renewal of the existing National and International MoUs have been effected.

7.3 Give two Best Practices of the institution

1) **Title:** 'Health and Fitness' Week
2) **Title:** Best Teacher / Best Employee Award

* Please refer Annexure-III

7.4 Contribution to environmental awareness / protection

i. Installation of the solar street lights in the campus
  ii. Generation of Vermi compost from solid waste in the campus resulting into environmental protection and generation of Farm Yard Manure
 iii. Celebration of "World Environmental Day" by organizing a special seminar
 iv. Organization of 'Wildlife Week' in collaboration with Nature Conservation Society, Amravati and Forest Department
  v. Massive plantation of teak wood and other plants to maintain the vegetation in the campus
 vi. To counter the water scarcity during summer, drip and micro-sprinklers systems have been extensively used in the campus

7.5 Whether environmental audit was conducted?   Yes [ ]   No [√]

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

Strengths:
- Enthusiastic, disciplined and dynamic leadership
- Clean, green and pollution free campus covering the area of almost 475 acres
- Digitized library providing open access to all through e-Learning resources
- Research and Patent Cell inculcating the research culture among the researchers
- Curricular and co-curricular activities reflecting socio-economical and moral values to shape the character of the learners
- Cohesive atmosphere between the university system and the affiliated colleges
- The recipient of Indira Gandhi National Service Scheme Best Co-ordinator award at national level

Weaknesses:
- No sufficient teaching and non-teaching staff to carry out academic and administrative business and thereby growing dependence on the contractual staff
- Lack of fund for developmental activities as paying capacity of the learners is low
- Less employability in view of the poor and sick industrial area in the region

Opportunities:
- Promotion of ICT through curriculum to achieve social balance as the large number of students enrolled in the university comes from the economically backward and socially disadvantaged strata of the society
- Promotion and propagation of research and innovation through Research and Patent Cell
- Multidimensional development of the learners providing games and sports, co-curricular, extra-curricular facility along with the academic facilities
- Wide scope to establish linkages with the industries

Threats:
- The rigid and orthodox mindset of the parents and the stake holders to some extent
- Lack of communication skills, especially in English on the part of the learners
- Economically disadvantaged area

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

> i.   Formulation and implementation of academic calendar
>
> ii. Accreditation by NAAC (3rd cycle).
>
> iii. Infrastructural developments
>
> iv. Strengthening the Research and Patent Cell
>
> v.   Promotion of examination reforms
>
> vi. Developing the research culture to keep pace with the global trends.

Dr. S.F.R. Khadri   Dr. Mohan Khedkar

Signature of the Coordinator, IQAC   Signature of the Chairperson, IQAC

DIRECTOR   Vice-Chancellor
IQAC   Sant Gadge Baba
Sant Gadge Baba Amravati University   Amravati University

_____ *** _____

Sant Gadge Baba Amravati University
Amravati

Academic Calendar for University Departments
(Annual Pattern Programme)
2013-2014

Duration	Days	Holidays/ Sundays	Teaching Days	Distribution of work	Holidays 2013-2014
17 Jun -30 Jun	14	2 S	---	Admission	---
1 July - 15 July	15	3 S	---	Admission	---
16 July - 31 July	16	2 S	14	Teaching & Learning	---
1 Aug - 31 Aug	31	4 S + 4 H	23	Teaching & Learning	09, 15, 20, 28
1 Sept - 30 Sept	30	5 S + 2 H	23	Teaching & Learning	9, 12
1 Oct - 31 Oct	31	4 S + 2 H	25	Teaching & Learning	2, 16
1 Nov - 2 Nov	02	---	02	Teaching & Learning	---
Total (a)			**87**		
Vacations (Winter) 1 3 Nov - 17 Nov	15				
18 Nov - 30 Nov	13	1 S	12	Teaching & Learning	---
1 Dec -21 Dec	21	3 S	18	Teaching & Learning	---
Vacations (Winter) 2 22 Dec – 05 Jan	13				25
06 Jan – 31 Jan	26	3 S	23	Teaching & Learning	25
1 Feb - 28 Feb	28	4 S + 2 H	22	Teaching & Learning	19, 28
1 Mar - 31 Mar	31	5 S + 1 H	25	Teaching & Learning	18
1 Apr - 30 Apr	30	4 S + 4 H	---	Preparation & Examination	08, 11, 14, 18
1 May – 24 May	24	3 S + 1 H	---	Examination	1
Total (b)			**100**		
Vacations (Summer) 25 May - 15 Jun	22				
Total Teaching Days (a+b)			**87+100=187**		

▪ Non instructional Days are planed at the departmental level.

Sant Gadge Baba Amravati University
Amravati
Academic Calendar for University Departments (Semester Pattern Programme)
2013-2014

Duration	Days	Holidays/ Sundays	Teaching Days	Distribution of work	Holidays 2013-2014
Sem 1 (17 Jun - 21 Dec)					
17 Jun -30 Jun	14	2 S	---	Admission	---
1 July - 15 July	15	3 S	---	Admission	---
16 July - 31 July	16	2 S	14	Teaching & Learning	---
1 Aug - 31 Aug	31	4 S + 4 H	23	Teaching & Learning	09, 15, 20, 28
1 Sept - 30 Sept	30	5 S + 2 H	23	Teaching & Learning	9, 12
1 Oct - 31 Oct	31	4 S + 2 H	25	Teaching & Learning	2, 16
1 Nov - 2 Nov	02	---	02	Teaching & Learning	---
Vacations(Winter) 1 3 Nov - 17 Nov	15				
18 Nov - 24 Nov	07	1 S	06	Teaching & Learning	---
25 Nov - 30 Nov	06	---	---	Preparation & Examination	
1 Dec -21 Dec	21	3 S	---	Preparation & Examination	---
Total (a)			**93**		
Vacations (Winter) 2 22 Dec – 05 Jan	13				25
Sem 2 (06 Jan – 24 May)					
06 Jan – 31 Jan	26	3 S	23	Teaching & Learning	25
1 Feb - 28 Feb	28	4 S + 2 H	22	Teaching & Learning	19, 28
1 Mar - 31 Mar	31	5 S + 1 H	25	Teaching & Learning	18
1 Apr - 30 Apr	30	4 S + 4 H	22	Teaching & Learning	08, 11, 14, 18
1 May – 03 May	03	1 H	02	Teaching & Learning	1
4 May – 24 May	21	3 S	---	Preparation & Examination	
Total (b)			**94**		
Vacations (Summer) 25 May - 15 Jun	22				
Total Teaching Days (a+b)		**93+94=187**			

- Non instructional Days are planed at the departmental level.

Analysis of Feedback from stakeholders

1) After receipt of the feedbacks from the students, alumni, parents and other stake holders, the IQAC alongwith the teaching departments gives due consideration to the every aspect received in the form of suggestions and recommendations and accordingly the departments are directed to incorporate necessary changes in the teaching learning process.

2) The suggestions received from the parents are sometimes important in a way that makes the university to take care of the feelings of the parents towards their wards and accordingly apart from classroom teaching learning the emotional quotient of the students has been considered for their overall progress.

3) The classroom involvement is so transformed that addresses to the feelings and emotions and other hidden talent of the learners providing platform for their co-curricular and cultural development by organizing group discussions, debates, cultural activities etc.

4) As usual the feedbacks are placed before the competent bodies and authorities for incorporation of the suggestions and recommendations by the stake holders.

5) In the rapidly changing academic world, research and innovation are given due place while structuring and modifying the curricula.

6) Some curricula are necessarily designed to address to the social, cultural and legal aspects of human life.

Best Practices

1) Title of the Practice: 'Health and Fitness' Week

Objectives of the Practice:

 a. To assess the Health and Fitness Status of the Employees of the University as well as local people.
 b. To educate the Employees of the University as well as Local People about the importance of Health and Fitness in the life full of complexes.
 c. To provide free Counselling about the Health, Hygiene and Fitness.

The Context:

  Physical fitness is a general state of health and well-being and, more specifically, the ability to perform aspects of sports or occupations. Physical fitness is generally achieved through appropriate nutrition, exercise, hygiene and peace of mind.

  Regular physical activity is essential to prevent and reduce risks of many diseases and improve physical and mental health. It can even help us live longer and serve better. Physical activities essentially maintain our physique. On the contrary, apathy towards physical exercise certainly results in to obesity, anxiety, stress, and feeling of depression.

The factors addressed in the Software are Body Mass Index (BMI), Grip Strength, Leg Strength, Stability on the Platform, Blood Pressure, Reaction Time, Flexibility, VO_2 Max, Exhale Capacity, Body Composition, Haemoglobin %, and Fat %. The input data taken by the volunteers at respective stations are entered in the Package and the Report is generated instantly.

The Practice:

  Physical Education is nothing but the science of games and sports in general and a study of human body in particular. It is multidimensional in nature because of its inter-disciplinary characteristics. The field of Computer Science is also very vast. Applying Computers in Physical Education means interfacing two multidimensional disciplines, which is not an easy task

  A computer performs any task only through the logical instructions given to it. The logical steps should be arranged in a sequence needed, which is called algorithm. Accordingly a Flow-Chart is drawn to see how the logic works. That solution should be instructed to the computer in a suitable language a programmer is acquainted with.

  The field of Physical Education is an Inter-Disciplinary Profession. It has its association with Psychology to form its branch of Sports Psychology. This way Physical Education has its branches in Sports Statistics, Sports Medicine, Sports Coaching, Biomechanics, Bio-Chemistry etc. Taking into consideration its association with other disciplines and its various aspects, computers can be used in almost all aspects of Physical Education.

  We are in the "Age of Computers and Information Technology". No field of knowledge and profession can survive sans ICT. A Computerized Report of the status of Health and Fitness can be obtained instantly and handed over to the concern for onward investigations, if any.

Evidence of Success:

Salient Features of the Present Software: It is User Friendly, Easy to Modify, Universal in Nature and Works on computer with moderate configurations.
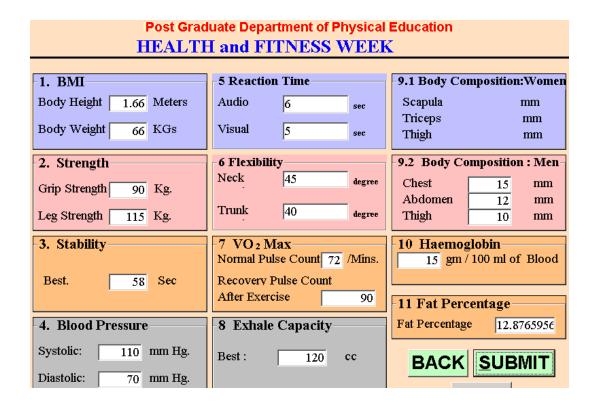
For easy working the data are entered in two different stations. The third station is Reporting and Counseling.

Input Form for Personal Data

Input Form for Health and Fitness Parameter Data

Every year near about 1000 persons avail benefits of this practice. Obviously, they are satisfied and rather happy to have their health status and suggestions for improvement free of cost.

Problems Encountered and Resources Required

One of the major problems is fund and technical assistances. However with the help of the local experts, the problem is countered. For the advanced stations like ECG, Sugar Percentage, Eight Problems expertise is required. The university is planning to include these stations in the practice from the ensuing session.

2) Title of the Practice: Best Teacher / Best Employee Award

Objectives of the Practice:

- To create healthy competition among teachers and the employees
- To motivate the teachers and the employees of the university departments and the affiliated colleges to render their services more efficiently and effectively.
- to boost moral of the employees
- to explore the work potential of the employees at its plentiful
- to improve work culture in the system

The Context:

Human resource is an important aspect of any organization. In fact organization can succeed with the proper management and optimum utilization of the human resources it has. In the established bureaucracy we hardly witness place for incentives and motivation for the sincere and hard-working employees. As a matter of fact, teachers and the supporting staff, creative and proactive act as an agent to elevate the academic institution. Many times the efficient and sincere employees work in tune with the prevailing bureaucracy parameters and hesitate to go beyond. Under such circumstances such employees need to be motivated to showcase their work skill, work potential etc to raise the standards of the university.

This scheme is a 'spur' of motivation for the teachers and other support staff to use the human resources in them optimally. This initiative of the university is definitely a new trend in the official functioning and thereby university has set an example for the other universities and institutions to follow the same. However it is a matter of great challenge to design and formulate a performance appraisal scale for this award working in the diversified work places especially when the assignments are defined by legislations

The Practice:

The employees of the university and the affiliated colleges are broadly classified into two categories: teaching and nonteaching. Subsequently nonteaching employees are further classified in to different categories. The award both for the employees of the university departments and the affiliated colleges are as under:

1) University :
   a. Best Teacher Award
   b. Best Employee Award (Class-I and Class-II)
   c. Best Employee Award (Class-III)
   d. Best Employee Award (Class-IV)

2) Affiliated Colleges:
   a. Best Principal / Best Teacher Award
   b. Best Employee Award

The applications in the prescribed format for these awards are invited every year from the aspirants. After the close scrutiny by a committee constituted for the purpose, the committee shortlist the names for each award in tune with the prescribed parameters and finally the suitable candidates in each category has been selected for the award. The awards are conferred upon the selected candidates on 1st

May (University Foundation Day) every year.

Evidence of Success:

   The university despite the ever increasing work pressure by means of increase in number of affiliated colleges, academic programmes and enrollment of students quite successfully sustains to its motto and objectives as prescribed by Maharashtra University Act. Over a period of time, there has been a reduction in conflicts and court cases of employees and as such university has been maintaining cohesive atmosphere among the employees of university and the affiliated colleges. As this practice aims at motivating the teachers, researchers and the employees to give their best to the institution they serve in, there has been a reasonable growth in the research and innovation and also in the administrative efficiency of the employees.

Problems Encountered and Resources Required

   As sometimes the committee witnesses cut-throat competition in selecting the candidates for award, receives grievances against the selected names. But the committee scrutinizes the nominations strictly in tune with the prescribed parameters in each category, the grievances are redressed.