The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

AQAR for the year *(for example 2013-14)*

2014-15

1. Details of the Institution

1.1 Name of the Institution

Dada Ramchand Bakhru Sindhu Mahavidyalaya
(Formerly known as Sindhu Mahavidyalaya)

1.2 Address Line 1

Kaka Tilokchand Rughwani Marg

Address Line 2

Panchpaoli

City/Town

Nagpur

State

Maharashtra

Pin Code

440017

Institution e-mail address

principal@smvnagpur.ac.in ,   principalsmvnagpur@yahoo.in

Contact Nos.

0712- 2640368

Name of the Head of the Institution:

Dr. K. J. Cherian

Tel. No. with STD Code:

0712- 2640368

Mobile:

09764 449 231

Name of the IQAC Co-ordinator:

Mr. A. M. Mundhada

Mobile:

09373237363

IQAC e-mail address: | iqac@smvnagpur.ac.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* | MHCOGN1411

OR

1.4 **NAAC Executive Committee No. & Date:** | EC/66/ 2nd cycle/70 dated 21.02.2014
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address: | www.smvnagpur.ac.in

Web-link of the AQAR: | http://smvnagpur.ac.in/InternalPage.aspx?Antispam=ZZbObbPVpW9&ContentID=8&MyAntispam=Y31It8

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+		2004	2009
2	2nd Cycle	B	2.62	2014	2019
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY | 01/07/2004

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

   i. AQAR 2013-14 Submitted to NAAC on 30/09/2014
   ii. AQAR_____ _____ (DD/MM/YYYY)
   iii. AQAR_____ _____ (DD/MM/YYYY)
   iv. AQAR_____ _____ (DD/MM/YYYY)

1.9 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 ☐

1.10 Type of Faculty/Programme

Arts ☐   Science ✓   Commerce ✓   Law ☐   PEI (Phys Edu) ☐

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

Others   (Specify)   .

1.11 Name of the Affiliating University *(for the Colleges)*   Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

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

Autonomy by State/Central Govt. / University   --

University with Potential for Excellence   --   UGC-CPE   --

DST Star Scheme   --   UGC-CE   --

UGC-Special Assistance Programme   --   DST-FIST   --

| UGC-Innovative PG programmes | -- | Any other (*Specify*) | Linguistic Minority |

| UGC-COP Programmes | -- |

2. IQAC Composition and Activities

2.1 No. of Teachers

| 8 |

2.2 No. of Administrative/Technical staff

| 1 |

2.3 No. of students

| -- |

2.4 No. of Management representatives

| 1 |

2.5 No. of Alumni

| 1 |

2. 6 No. of any other stakeholder and

   community representatives

| -- |

2.7 No. of Employers/ Industrialists

| 1 |

2.8 No. of other External Experts

| -- |

2.9 Total No. of members

| 12 |

2.10 No. of IQAC meetings held

| 04 +03 =07 |

2.11 No. of meetings with various stakeholders: No. | 03 | Faculty | 01 ✓ |

Non-Teaching Staff Students | | Alumni | 01 ✓ | Others (Parents) | 01 ✓ |

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

   If yes, mention the amount | 300000/- (for 5 yrs/ 2013-2018) |

2.13 Seminars and Conferences (only quality related)

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

   Total Nos. | | International | | National | | State | | Institution Level | |

   (ii) Themes | |

2.14 Significant Activities and contributions made by IQAC

Earn and Learn Activity

One class in a week is earmarked as "Activity class".

Peer team interaction with other colleges for sharing of knowledge & experience of RAR,

Team IQAC of Sindhu Mahavidyalaya through a day long inter action has motivated 1 colleges in University to opt A&A process positively.

Information related to AQAR, RAR and Minor Research Projects is displayed & downloadable on website along with activities, notices making website not only dynamic but initializing transparent working.

Dr. Manorama Gourkhede renowned Gynaecologist delivered a talk on topic "Intimate hygiene of female" on the occasion of Mahila Mukti Diwas organised by Women Empowerment cell.

Women empowerment cell and Physical education department jointly organised a training program on "Suryanamaskar and Yoga for Women" on the occasion of **national youth day** from 12th to 26th Jan. 15

Zoology and Botany Department jointly organized educational visit on 23 rd July2014 to the Surabardi for the students of B.Sc. Sem. I, III and B.Sc. III year and studied the fauna and flora.

Department of Zoology organized Science model exhibition based on Environmental Science for the students of B.Sc. Sem. I, III and B.Sc. III year.

Physics Department organized educational tour on 20th Sept. 2014 to Raman Science Centre for the students of B.Sc. Sem. I, III and B.Sc. III year.

Department Chemistry organized guest lecture on 'Quantum Mechanics' by Dr. H.M. Daga held on 17 Jan. 2015.

Department of Mathematics had organized a talk on 18th Oct. 2014, on the topic entitled **"Fourier Transformation"** by Prof. P.B. Shahane for students of B.Sc. Sem. III.

Department of Microbiology organized one day National Seminar on 20th Dec 2014 in the Dada Bakhru Auditorium of the Institute. The seminar was sponsored by UGC. The subject of the seminar was entitled **'Life Sciences Revolution: PCR and Its Applications'**. In the seminar total 191 delegates across the country participated enthusiastically. 75 research papers were published in indexed journal ,International journal of researches in Biosciences, agriculture and technology with ISS No. 2347-517X

Department of Electronics organized one day **Hands on workshop** for the teachers of electronics in RTM Nagpur University on 26th July 2014 at Dada Bakhru Auditorium.   The workshop was organized in association with Board of studies in Electronics of RTM Nagpur University, Nagpur. The subject of the workshop was how to use software **circuit maker** which is part of Sem.-III syllabus.

Department of Electronics organized guest lecture on 20th March 2015 for the students of B.Sc. Sem. II and IV. The seminar was delivered by Dr. Vyanktesh Vyaghra from Shivaji Science College, Udgir on the topic **"Evolution of Computers; Electronic Prospective"**.

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
Re-orientation towards improvement in quality of higher education.	Carried out through interactive meeting with teaching and nonteaching staffs
Bridge courses for the 1st year students.	Carried out through department
Various departmental societies to be formed	Carried out through 4 major department
Parent-Teacher meeting	Carried out at departmental level, IQAC member in each meeting
Short Excursion	Physics , Chemistry and Life Sciences organized one day excursion tours
NSS programs	Various activities done
Woman Empowerment cell	Yoga Program & visit to police station
Women Grievance and Redressal cell	Committee was formed and has worked according to guide lines
Adult and Continuing Education	Various activities done
Remedial Coaching Scheme/ Cell	Conducted according to UGC norms
Equal Opportunity Scheme/ Cell	Conducted according to UGC norms
Earn and Learn Activity	College gives pride to handful number of students to participate in scheduled working modules without disturbing learning curve. I card Preparation, Data entry work for MIS, Data Entry for online activities were carried out through selected 19 students.
Conferences/ Seminars/Workshops	UGC Sponsored National Level One day seminar entitled "Life Sciences Revolution : PCR & its applications" By Microbiology Department on 20th Dec.2014 . Total 75 papers were published in index journal. 2 new proposals for conference was submitted to UGC
Guest lectures	Carried out through each department
Alumni Association interaction	Guest lecture on "Entrepreneur development" and "service sector" was organized.
Open Book Exam	4 departments carried out OBT for Unit test

Staff Members to be encouraged to participate in Faculty Development Program.	Dr. Dahire participate in FDP organized by MCED, Nagpur
Staff Members to be encouraged to submit research proposal to funding agencies	3 Minor research projects submitted.
Staff members to be motivated to publish their research work in reputed journals	Total 65 papers published in reputed journals
Initiation and processing of second instalment of development grant	Worked out and received second instalment
Recruitment of teaching and non-teaching staff (vacant post) subject to NOC from University and Government	3 teaching staff member appointed Dr. Sandeep Hate Dr. Mangesh Thakre Dr. Jayant Walke 2 non-teaching staff member appointed Mr. Shende Mr. Mohadikar
In the library new books to be purchased as per the new syllabus of semester-I and up gradation of E-Book access	Total amount more than Rs. 3,00,000 was invested in Library
At the end of the session students feedback analysis has to be done	Carried out by committee including new computer based feedback scheme
Financial aid to Socio-economically weaker students on case to case basis through student aid fund	Total 33 students benefited by amount of Rs. 18,800 /-
Planning to apply for the RUSA funding	Principal & 2 members of team IQAC participated in meetings, rough outline is prepared.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body   Yes [ ]   No [✓]

      Management [ ]   Syndicate [ ]   Any other body [ ]

      Provide the details of the action taken

      [   ]
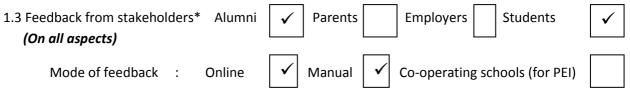
Part – B

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				
PG	02		02	
UG	04		02	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	06		04	

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

Pattern	Number of programmes
Semester	03
Trimester	
Annual	03

1.3 Feedback from stakeholders*   Alumni [✓] Parents [ ] Employers [ ] Students [✓]
   (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.

> Science faculty has implemented "semester" pattern and hence syllabi were changed for each subject. Internal Assessment of students, based on home assignments, subject tests, regularity, and presentation has been adopted. Department of Electronics conducted one day workshop on Electronic circuit simulation for pear faculty members. Dr. V. M. Pendsey and Dr. V.R. Vyaghra have conducted the workshop. Mr. A.M. Mundhada was instrumental in organising workshop in association with BoS RTM Nagpur University, Nagpur.

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

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
48	26	21	01	

2.2 No. of permanent faculty with Ph.D.

35

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
03	05	-	-	-	-	-	-	3	5

2.4 No. of Guest and Visiting faculty and Temporary faculty

0	0	15

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	24	80	0
Presented papers	18	51	0
Resource Persons	01	03	0

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

Innovative processes adopted by:
The Department of Electronics: Use of simulation software for learning
The Department of Zoology: Practice based learning

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

207

2.8 Examination/ Evaluation Reforms initiated by the Institution

Open Book Examination (internal)
Multiple Choice Questions (internal)
Bar Coding introduced by University

(for example: Open Book Examination, Bar Coding,   Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum
     restructuring/revision/syllabus development

02	02	07

as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

91%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Sc. Final	93	03	14	52	31	73
B.com Final	174	14	40	46		70
BBA Final	46	16	42	42		95.65
M. Com Final	42	11.91	71.42	16.66		66.66

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

Conduction of Results Analysis through the HoD's

IQAC meets regularly to evaluate and monitor the academic performance of the department's through formal & informal meets, representation in IQAC as a member and suitable suggestions for improvement are proposed.

Students' feedback is taken & evaluated

Annual Plans for academic and co-curricular activities are worked out

Self Appraisal forms (API) are collected at the end of every session

Infrastructure development / modification to support the teaching-learning process

Conducive learning environment is ensured

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	07
UGC – Faculty Improvement Programme	01
HRD programmes	01
Orientation programmes	03
Faculty exchange programme	--
Staff training conducted by the university	--

Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	03
Others	--

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	20	06	03	02
Technical Staff	44	13	--	03

Criterion – III

3. Research, Consultancy and Extension

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

IQAC strongly believes on individual potential and has motto of one resource – one project. Accordingly group of teachers have set a rotational policy to claim Major & Minor projects with UGC and Other funding agencies. Faculty members get appreciation to research work, guidance for accounting & administrative work to have peaceful working condition, Set-up of research infrastructure through UGC grant & individual projects. Motivating staff to have success and convert it for success of institute.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		02		
Outlay in Rs. Lakhs		15.149		

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	07	03		03
Outlay in Rs. Lakhs	9.66	2.90		

3.4   Details on research publications

	International	National	Others
Peer Review Journals	26	18	
Non-Peer Review Journals	02	32	
e-Journals			
Conference proceedings	06	38	

3.5 Details on Impact factor of publications:

Range [ ]   Average [0.7]   h-index [10]   Nos. in SCOPUS [ ]

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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				

Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published   i) With ISBN No.   28   Chapters in Edited Books   17

ii) Without ISBN No.

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 01   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		01			
Sponsoring agencies		UGC			

3.12 No. of faculty served as experts, chairpersons or resource persons   04

3.13 No. of collaborations   International 01   National 02   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   20,00,000   From Management of University/College

Total   20,00,000

Type of Patent		Number
National	Applied	
	Granted	

3.16 No. of patents received this

International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

year

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
08	02	06				

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

20

and students registered under them

42

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

22

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

JRF [ ]   SRF [ ]   Project Fellows [01]   Any other [ ]

3.21 No. of students Participated in NSS events:

University level [100]   State level [00]

National level [00]   International level [00]

3.22 No. of students participated in NCC events:

University level [00]   State level [00]

National level [00]   International level [00]

3.23 No. of Awards won in NSS:

University level [00]   State level [00]

National level [00]   International level [00]

3.24 No. of Awards won in NCC:

University level [00]   State level [00]

National level [00]   International level [00]

3.25 No. of Extension activities organized

University forum [ ]   College forum [06]

NCC [ ]   NSS [01]   Any other [01]

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

- Nirmalya Sankalan at Naik Talao during Ganesh idol immersion. In this activity 85 volunteers sensitized devotees for adoption of eco-friendly idol immersion. They further educated & made aware masses about pollution hazards, need of clean environment and green earth. About 8 teachers and 2 non-teaching members guided & also participated in work.
- World population day was celebrated on 11th July 2014 and essay completion was organized on increasing population and remedy.
- Tree plantation program in our college was undertaken on 16th Sept. 2014 to celebrate international ozone day.
- On 1st Dec. 2014 AIDS awareness program was organized and Dr. Agnihotari enlighten the students on the topic.
- Dr. Manorama Gourkhede renowned Gynaecologist delivered a talk on topic "Intimate hygiene of female" on the occasion of **Mahila Mukti Diwas** organised by Women Empowerment cell.
- Women empowerment cell and Physical education department organised training program on "Suryanamaskar and Yoga for Women" on the occasion of **national youth day** from 12th to 26th Jan. 2015

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	17938.406446 sq.mts		-	17938.406446 sq.mts
Class rooms	24	04	Management	28
Laboratories	15	-	-	15
Seminar Halls	01	-	-	01
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	-	04	UGC	04
Value of the equipment purchased during the year (Rs. in Lakhs)	20.00	20.39595	UGC	40.39595
Others				

4.2 Computerization of administration and library

> Office and library have been computerized using automation and management software

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	32664	-	1893	3,15,328	34557	-
Reference Books	121	-	-	-	-	-
e-Books	85000+	-	-	-	-	-
Journals	11	-	-	8,000	-	-
e-Journals	3500+	-	-	5,000	-	-
Digital Database	-	-	-	-	-	-
CD & Video	10	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	106	30	All are on WIFI	27	11	12	16	10
Added	02	00	0	00	00	01	01	00
Total	108	30	Yes	27	11	13	17	10

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

> N-Computing facility is working successfully. Moreover landline internet connection has been added to existing Wi-Fi set up of the institute. Computer facility is equipped with human resource for maintenance of computers and related hardware.

4.6 Amount spent on maintenance in lakhs :

i) ICT   0.56

ii) Campus Infrastructure and facilities   4.5

iii) Equipments   2.91

iv) Others

Total :   7.97

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> Each department conducted an awareness program for the students on the semester pattern. Information related to theory and practical examinations, internal assignments, scheme of marks etc. Was passed on to students.
>
> Students were made aware regarding general behaviour & discipline in the institute, and also the facilities and support services available to them.
>
> College published a prospectus providing detailed information about the procedure of admission, eligibility criteria for the different courses, facilities/Cells/ Societies available in the college, information about scholarships, rules and regulations, fee structure etc.
>
> The Academic Calendar of college provides details of academic events to be held during the session, including dates of unit tests, preliminary examination, different activities, holidays etc. It also contains information of the various academic and cultural associations. College has a website which is updated from time to time.
>
> Students have been given free environment to express views, suggestions and complaints with the authorities. These steps have helped administration to make support services more responsive.

5.2 Efforts made by the institution for tracking the progression

> PTA meetings were held. Contact hours for students and parent are displayed on departmental display board. Progressions of student have been tracked by the respective departments. Teachers interact with the students periodically and keep a track of their progression. Feedback is taken from students, parents and alumni on various aspects of the college.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2047	221	-	-

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

Men

No	%
1021	45.02

Women

No	%
1247	54.98

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
874	588	39	772	00	2273	1243	500	18	507	00	2268

Demand ratio   1:1.5   Dropout %   00

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

In house Lectures by college faculties as well as by guest faculties were organized.

No. of students beneficiaries   264

5.5 No. of students qualified in these examinations

NET   00   SET/SLET   00   GATE   00   CAT   00

IAS/IPS etc   00   State PSC   00   UPSC   00   Others   10

5.6 Details of student counselling and career guidance

Students were mentored for Joint Admission test for M.Sc.(JAM) organized by IIT. Students are guided for the Post-graduation opportunities in city as well as across India. Especially girl students are promoted for higher education. Student belonging to SC category are promoted for utilizing facilities from state promotion centre such as **BARTI**

No. of students benefitted   387

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	40	08	01

5.8 Details of gender sensitization programmes

Dr. Manorama Gourkhede renowned Gynaecologist delivered a talk on topic "Intimate hygiene of female" on the occasion of Mahila Mukti Diwas organised by Women Empowerment cell.

Women empowerment cell and Physical education department organised training program on "Suryanamaskar and Yoga for Women" on the occasion of national youth day from 12th to 26th Jan. 2015

5.9 Students Activities

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

State/ University level | 58 | National level | 07 | International level | |

No. of students participated in cultural events

State/ University level | | National level | | 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 | | International level | |

Cultural: State/ University level | | National level | | International level | |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	33	18838
Financial support from government	1493	687258
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11   Student organised / initiatives

Fairs   : State/ University level | Nil | National level | Nil | International level | Nil |

Exhibition: State/ University level | Nil | National level | Nil | International level | Nil |

5.12   No. of social initiatives undertaken by the students | 02 |

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: - To be a leader in fulfilling the contemporary need of the society by providing quality centric higher education with holistic development.

Mission: - The need of the society is dynamic. The institution is located in the midst of socio-economically weaker society. The priority of the institution is to bring academic excellence along with personality development to compete with rest of world. It also needs attention for improvement in health care, environmental & social awareness. Dada Ramchand Bakhru Sindhu Mahavidyalaya serves the students and the society through the following action plans.

Impart knowledge through various fora about academic, career opportunity, Social responsibility and personality development.

Inculcate human values mainly positivism, morality and patriotism.

Involve stakeholders in Environmental Awareness, Pollution Control, Healthcare, Commerce & Community service programme.

Give thrust to student feedback, Social needs for further enhancement of quality in all the areas for which, Dada Ramchand Bakhru Sindhu Mahavidyalaya stands for "make holistic development through knowledge".

6.2 Does the Institution has a management Information System

Yes : MIS has been implemented through office automation & library automation.

It includes:
i. Admission of students
ii. Fee Collection
iii. Salary of staff
iv. Scholarship
v. Processing of Examination Forms for the affiliating university
vi. Issue of Transfer Certificate
vii. Library Books Issue/Return

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

6.3.1 Curriculum Development

Though, we are affiliated institute, faculty members of concern departments, design curriculum for bridge courses to enhance students understanding. Members are encouraged & facilitated for participation in workshops and meeting at university level.

6.3.2 Teaching and Learning

Use of digital resources, both by teachers as well as students.

Use of ICT to impart "concepts" effectively.

Use of Simulation software for teaching & learning.

6.3.3 Examination and Evaluation

Tests are conducted at the completion of each Unit/Module. Evaluation of answer books is carried out & discrepancies are explained to students.

6.3.4 Research and Development

Papers published are displayed on notice board to inspire staff members as well as ignite scientific base in students. Applied for, the recognition of institute as place of Research & higher learning Centre.

New instruments worth Rs. 20 LAC have been added to central research facility.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library has been updated for revised syllabi for semester/ annual Total 1893 books have been added to enrich the facility.3

INFLIBNET facility has been continued.

To make ICT practice more effective, 3 LCD projectors are added.

4 class rooms have been added in the infrastructure.

Gym has been build up and installed with modern equipments.

6.3.6 Human Resource Management

For effective work culture non-teaching staff is rotated. To enhance overall functioning young teaching staff has been involved in administrative responsibilities.

6.3.7 Faculty and Staff recruitment

3 teaching & 2 non-teaching staff members were recruited according to UGC norms.

6.3.8   Industry Interaction / Collaboration

Nil

6.3.9   Admission of Students

Students seeking admission were guided by group of teachers to select appropriate course / combination. Due transparency was maintained during the process.

6.4 Welfare schemes for

Teaching	03
Non teaching	03
Students	05

6.5 Total corpus fund generated

Nil

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	NAAC	Yes	IQAC
Administrative	Yes	NAAC	Yes	IQAC

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?

> R.T.M. Nagpur University has introduced the semester pattern for B.Sc. course from the session 2013-14. Accordingly, examinations were conducted as per semester pattern i.e. twice each year.
>
> Internal evaluations for the theory papers have been introduced by R.T.M. Nagpur University.
>
> Marks have to be submitted online to R.T.M. Nagpur University. Answer sheets are bar coded by R.T.M. Nagpur University.

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

> No special efforts are made by the university to encourage college for autonomy. Further, our institute has limited number of courses and less number of self financing courses, thus it is not feasible to go for autonomy.

6.11 Activities and support from the Alumni Association

> Regular meeting of alumni association.
> Distribution of books to needy students.
> Lecturers on topics of their expertise.

6.12 Activities and support from the Parent – Teacher Association

> Department wise Parent – Teachers meet was held.
>
> Provides feedback on various aspects of institutional functioning and suggestions for improvement are recorded.

6.13 Development programmes for support staff

> Each department conducts training program for the supporting staff regarding handling of new instruments and experiments.

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

Solar lamps were installed at prominent places.

Vermi-composting unit to manage bio-degradable garbage, Rain water harvesting for water recharge system, animal waste disposal system.

Tree plantation program was organised by NSS and Nature club in college campus.

Environment Awareness Programs were conducted for the students through Nature club.

Poster and model competition organised for the environmental awareness program.

In response to National call, "Swaccha Bharat Abhiyan" was deployed from 2nd Oct.

Criterion – VII

7. <u>Innovations and Best Practices</u>

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

Suggestion boxes installed in the Institute premises.

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

1   Several Committees and Cells were revised for effective execution of the Action Plan.
2   Gas pipe line in Chemistry laboratories had been renovated.
3   In order to promote and cater the need for ICT in teaching- learning most of the departments had been equipped with LCD and a computer with internet connection.
4   To enhance learning resources Library was upgraded with 1893 new text books including reference Books. Journals & e-journals have been continued.
5   Total 1493 students availed the scholarships of Rs. 62,872,58/ from the college under various government schemes.
6   To help economically poor students, scholarships were distributed from Students Aid Fund (SAF) scheme and also with the contribution from staff members. Total 33 students availed the Rs. 18,838/
7   In order to implement the curriculum effectively, an orientation session was organised to make the staff and students aware of the revised pattern of curriculum.
8   A workshop on curriculum development and implementation was also conducted for the staff.
9   To make students aware of their social responsibilities and create inclusive society, many social awareness programs were conducted through, Women Empowerment Cell, NSS &ACE
10   Environmental Cell of the college conducted many awareness programs for the environmental protection and its conservation.
11   Students were encouraged to excel in curricular and co-curricular activities. Academic toppers at university level from each group were felicitated on INDEPENDENCE DAY, while extracurricular and sport players were felicitated on REPUBLIC DAY.
12   Training and placement cell of the institute conducted a training program for the students.
13   Students were encouraged to participate in intercollegiate games and sports events. A total of 130 (98 boys + 32 girls) students participated in various intercollegiate games and sports events.
    Total Prizes won by the students = 03
        Prizes in National events = 01
        Prizes in Intercollegiate events = 02

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

Best Practices 1
Students Feedback Analysis
Along with regular feedback system (Questionnaire on paper) trial runs were carried out for electronic feedback system using Google forms and data base of student email address. A twofold system was introduced for 1) Blind fold analysis 2) Weighted analysis.
Questionnaire was designed and is in process of modifications based on service quality parameters.

Curriculum
The parameters used in the student's feedback analysis are course content, completion of theory and practical classes, availability of reading materials etc.

Analysis
For B.Sc. courses,
About 30% of the students indicated that the current syllabus is of challenging level, weighted analysis suggested most of the student belong to slow learners category.
About 50% of the students indicated that the current syllabus is manageable, weighted analysis suggested most of the student have good percentage in 12th and don't prey to ATKT system
Remaining students feel that syllabus is non-contemporized.
For B.Com. courses,
Students find that the current syllabus is manageable, but its practical approach should be enhanced. Lack of subjects like e-commerce/ tally was pointed out by about 10% student. Weighted analysis suggests that these 10% students belongs category of advance learner.

Teaching Learning and Evaluation
Knowledge, Communication/ Presentation, Sincerity, Punctuality, Regularity,
Accessibility/ Availability, Interest in Subject, Behavior, Assignments/ Curricular Activities were the key points used in the feedback format.

Analysis
All the departments have excellent performance in conducting and execution of syllabus and its contents. Student learning behavior was judged through preliminary and unit test which helped faculties in completing objective. Assignments and co-curricular activities was helpful to students in scoring better at university exam.

Student support and governance
Counseling and guidance provided by faculties, Services offered by the office for Admission process, Scholarship and concessions, Examination process were judged.

Analysis
Action taken
The feedback on curriculum was carefully analyzed by the committee members and the following necessary steps are taken:
1. The grievances and suggestions are conveyed to the Members of Boards of Studies.
2. Necessary steps are taken to make the study materials available and course material to be provided by the faculty.
3. The analysis of feedback was conveyed to the respective teachers by the IQAC through the chairman.

Best Practices 2

1. Title of the practice :- Adult and Continuous Extension Education Program (ACE)

2. Goal :- To uplift the social status of peoples of economically weaker section , college/ school dropouts students, the effort are being taken to bring them in main stream of society.

3. The context :- In our surrounding area many underprivileged and poor people are residing. Usually they are not aware about the basic medical needs/facilities, environmental and social problems. Through A.C.E. practice we try to aware the mass group of people in a scientific ways.

4. The practice :- Under the scheme of A.C.E. hundreds of students from the institution are enrolled to work for the adult and continuous education. They have been guided and motivated by teachers to aware illiterate people in the society. In such programs, street march, street plays and slogan contest is regularly organized. Various social, educational and cultural events are being organizes in our institution. There are many challenging issues which we use to aware the society. By educational rallies on international literacy day, also programs is organized on international ozone day and international science day.

5. Evidence of success :- A.C.E. unit of our college always contributes through social awareness programs to educate the people. Various events are organized to draw attention of masses. International literacy day was celebrated with great zeal and enthusiasm. A rally was organized from the college covering 5 k. m. distance of the slum area of North Nagpur. More than 600 students participated with posters and handouts to encourage literacy mission. The rally made a good and fruitful impact not only on the illiterate people living in slum areas but also on the economically weaker sections. Various environmental awareness programs like essay competition on "climate change and its impact" was organized. International science day celebrated with great enthusiasm in the college to aware students and common people regarding development of science.

6. Problems Encountered & Resource required: - It is experienced that during various rally's through the slum areas people were not interested for the same so, it is very big task to create their interest in such programs for that some Government organization and N.G.O. should be involved for the success of such programs.

7.4 Contribution to environmental awareness / protection

- **Energy conservation**: - posters are displayed in laboratory and corridors depicting the message for conservation of energy. Miniature Circuit Breakers are installed at the entry of each class room to control wastage of energy. Students are instructed to put off the light & fans while leaving the room.
- **Use of Renewable energy**:- Solar based illumination systems are installed in the college premises to ensure the maximum use of solar energy.
- **Water Harvesting**: - Rainwater harvesting system is installed in college premises to ensure the maximum conservation of rain water. Students are demonstrated regarding awareness of water conservation.
- **Plantation**: - The College organizes regular plantation drive to make the college campus green and aesthetically beautiful. This year also the plantation program was organizes and plants of various species were planted at different places in the vicinity of college campus. In addition of that college has beautiful garden having various species of ornamental and other plants with botanical importance. College garden also has green net house to maintain shade loving plants and to protect the plants during summer.
- **Hazardous waste management**:- The microbiology department use to perform various experiments on different micro-organisms. After completion of experiments, all the culture tubes, plates & flasks are autoclaved; it is the regular practice which microbiology department performs. After autoclave, they used to pour all the pathogenic and non pathogenic materials in properly dig pits. Also department of zoology use to perform various experiment on fishes, pila, leaches and earthworms etc. They used to destroy all the materials properly by digging pits and pouring the used animal into the pits.
- Nirmalya Sankalan at Naik Talao during Ganesh idol immersion. In this activity 85 volunteers sensitized devotees for adoption of eco-friendly idol immersion. They further educated & made aware masses about pollution hazards, need of clean environment and green earth. About 8 teachers and 2 non-teaching members guided & also participated in work.
- World population day was celebrated on 11th July 2014 and essay completion was organized on increasing population and remedy.
- Tree plantation program in our college was undertaken on 16th Sept. 2014 to celebrate international ozone day.
- On 1st Dec. 2014 AIDS awareness program was organized and Dr. Agnihotari enlighten the students on the topic.
- Dr. Manorama Gourkhede renowned Gynaecologist delivered a talk on topic "Intimate hygiene of female" on the occasion of Mahila Mukti Diwas organised by Women Empowerment cell.
- Women empowerment cell and Physical education department organised training program on "Suryanamaskar and Yoga for Women" on the occasion of national youth day from 12th to 26th Jan. 2015

7.5 Whether environmental audit was conducted?   Yes ☐   No ✓

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

S W O C Analysis

STRENGTH
Quality Teachers
Technology enabled infrastructure
Catering to the needs of weaker section
Inclusive growth of students
Dedicated governing body committed to serve

WEAKNESS
Space limitations & infrastructure reorientation
Non recognized research centre by RTM Nagpur University
Surrounded by society with poor perception for education
Non clearance of vacant post by government
Lack of Hostel facility

OPPORTUNITIES
To stand as light house in the midst of socio-economically weaker section
Wide scope to produce competent graduates in basic sciences
Creating solution to environmental problems by research
Dedicated group of staff capable of energizing students for spreading awareness about social issues
Major share of girl students create opportunity for Women empowerment

CHALLENGES
Remarkable decrease in the quality intake of students
Poor socio-economical status results in lower quality output
Casual approach and lethargic tendencies in the work culture of the students
Students with poor communication skills

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

ACTION PLAN OF IQAC FOR SESSION 2015-2016

o New IQAC team to be launched, preferable with women empowerment

o Bridge courses for the 1st year students

o Various departmental societies to be formed

o Parent-Teacher meeting

o Short Excursion

o NSS programs

o Woman Empowerment cell

o Women Grievance and Redressal cell

o To start Learner-centric Research activity

o Adult and Continuing Education

o Remedial Coaching scheme

o Equal Opportunity scheme

o Earn and Learn Activity

o Conferences/ Seminars/Workshops

o Guest lectures

o Alumni Association interaction

o Open Book Exam / examination reforms

o Staff Members to be encouraged to participate in Faculty Development Program.

o Staff Members to be encouraged to submit research proposal to funding agencies

o Various departments to be encouraged to collaborate with other research institute

o Staff members to be motivated to published their research work in reputed journals

o Recruitment of teaching and non-teaching staff (vacant post) subject to NOC from University and Government

o In the library new books to be purchased as per the new syllabus of semester-I and up gradation of E-Book access

o At the end of the session students feedback analysis has to be done

o Initiative for e-Governance. Financial aid to Socio-economically weaker students on case to case basis through student aid fund

o Incentive to outstanding sportsperson

o Development of new infrastructure for sports

o Development of civil infrastructure for parking / re-orientation of learning spaces

o Installation of new Display Boards for students as well as social information

o To encourage departments to take up social responsibility projects through proposed display system

o Interaction with companies to organize on & off campus placement drive

o Orientation of laboratory assistant and attendant about laboratory maintenance

o Planning to apply for the RUSA funding

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