

## The Annual Quality Assurance Report (AQAR) of the IQAC

### Part – A

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

2015-16

**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:**

Mrs. A. R. Poddar

**Mobile:**

09096464453

**IQAC e-mail address:**

iqac@smvnagpur.ac.in

**1.3 NAAC Track ID**

MHCOGN1411

1.4 NAAC Executive Committee No. & Date: EC/66/ 2<sup>nd</sup> cycle/70 dated 21.02.2014

1.5 Website address:

www.smvnagpur.ac.in

Web-link of the AQAR:

http://smvnagpur.ac.in/PDF/MHCOGN14-15-16.pdf

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+		2004	2009
2	2 <sup>nd</sup> Cycle	B	2.62	2014	2019
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> 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 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR 2013-14 Submitted to NAAC on 30/09/2014
- ii. AQAR 2014-15 Submitted to NAAC on 26/12/2015
- 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  
(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

## 1.10 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)   
 UGC-COP Programmes

## 2. IQAC Composition and Activities

2.1 No. of Teachers   
 2.2 No. of Administrative/Technical staff   
 2.3 No. of students   
 2.4 No. of Management representatives   
 2.5 No. of Alumni   
 2.6 No. of any other stakeholder and  
community representatives   
 2.7 No. of Employers/ Industrialists   
 2.8 No. of other External Experts   
 2.9 Total No. of members

2.10 No. of IQAC meetings held

05 +03 =08

2.11 No. of meetings with various stakeholders:

No. 03

Faculty 02

Non-Teaching Staff 01

Students 01

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

This year following activities were focused.

**Conference / Workshop/ Seminar**

- Participation in organizing three days International conference, "Research for Resurgence" on dated 11-13 February, 2015. Our institute is academic partner for the Conference with Bhartiya Shiksha Mandal.
- Weeklong workshop on creative writing "Pedagogy and Practice" in collaboration with Rajkumar Kewalramani Kanya Mahavidyalya, P.W.S. Arts and Commerce College, Prema College of Commerce and Santaji Mahavidyalya from 16th Nov to 22nd Nov 2015.
- Participation in organizing two days National conference entitled "Hindi Alochana: Ekkisavi Sadi" was jointly organized with Rajkumar Kewalramani and P.W.S. Mahavidyalaya, Nagpur.
- Workshop on "Vermicomposting" in collaboration with the Indian Science Congress Association (ISCA), Nagpur Chapter.
- Workshop on "Review of Interview" was organized by Training and Placement Cell.
- A week long Personality Development Program was organized by department of Languages from 28<sup>th</sup> March to 4<sup>th</sup> April 2016.

**Students participative Activities**

- Participation of students in State level NSS camp at Village Paradsinga, Tah: Katol. The theme of Camp was "Swachha Bharat Abhiyanakarita Yuvashakti".

- Team IQAC has organized interactive Technical Training Programme: 'Against CYBER CRIME prey' to make teachers and students aware in Cyber Crimes which are sometimes unknowingly happen.
- Intercollegiate events Elocution, Essay writing, Rangoli and singing Competition etc. Were conducted.
- Essay competition, Slogan competition, Poster competition, chemistry News Bulletin activity were organized by Chemical Society.
- Debate Competition on the topic "Voting age should be reduced to 16 yrs" on 25th Jan.2016. Competition on "Advertising Campaign Activity" on 26th September 2015 were organized by Department of Commence
- Power Point Presentation competitions were conducted for students by various departments.92 students presented on the suggested academic and awareness topics.
- The Student's Creative and Literary Association were installed and 'Expanding Horizons: Unfolding Innovations' programme was inaugurated by Department of Languages.

### Health and Social Awareness Programmes

- Sanitary Napkins automatic vending machine' and 'Incineration machine were installed on Women's Day in college premises.
- T.B. Awareness Programme was organized; Dr. K.B. Tumane addressed the students.
- Women Empowerment Cell organized three guest lecturers on health awareness 1) Poly Cystic Ovarian Syndrome (PCOS), hygiene, balance diet, exercise and related medical issues by Dr. (Mrs.) Rakhi Gajbhiye, renowned Gynecologist from Mauli Nursing Home, Chhaoni, Sadar 2) Breast Cancer awareness by Dr. Jaiprakash Baraskar, Baraskar Cancer Hospital and Dialysis Centre, Ramdaspath, Nagpur 3) 'Diet awareness' by Mrs. Sarita Milind Mane
- Workshop on yoga on International Yoga Day was conducted.
- Tree plantation program conducted to celebrate Environment Day.
- The Project 'Creating Awareness among Girls about their safety' was launched.

### Educational Tours

Three field visits were conducted and total 273 students & 17 faculty members participated in the activity.

- Department of Life Sciences visited Navegaon National Park , Gondia to study diversity of animals and plants.
- Department of Physics visited C.V. Raman Science Centre to demonstrate various working models.
- Department of Commerce visited Malu Paper Mill Ltd. Saoner.

### Institutional participation in Social activities

- Institute under the Project "Service to Nation" participated in the Nagpur Smart city project by accepting the proposal from Nagpur Municipal Corporation for uploading the collected data online.
- A program of collecting "Nirmalya" during the Ganesh idol immersion was organized at Naik Talao on 27<sup>th</sup> Sep. 2015 by NSS unit.

- Blood Donation Camp was organized on 23th Sep. 2015 in association with Jeevan Jyoti Blood Bank. Students & Teachers of our college donated blood.
- Free Eye Camp was organized in the college premises in association with Sushrut Netralaya and Research Centre, Nagpur on 13<sup>th</sup> March 2016. 317 patients were examined. Distribution of Free Spectacles for identified, needy 62 patients, free Cataract Surgeries to 20 needy patients was carried out. Medicines for diagnosed patients and post surgery care were given.
- 130 students from Institution have taken the oath as "Police Mitra". The oath of Secrecy, loyalty and dedication was taken in presence of DCP Shri Sanjay Latkar.
- National mission of 'Swacha Bharat Abhiyan' was executed through campus cleaning on 2<sup>nd</sup> October 2015. Through out the year cleanness is maintained by use of waste management.

### Cultural Celebrations

- Julelal Jayanti Programme was celebrated on 9<sup>th</sup> April 2016.
- Shraddanjali programme to pay rich tributes to Late Dada Ramchand Bakhru on his death anniversary on 19th February 2016.
- Birthday of President Dr. H.R. Bakhru was celebrated on 30th April 2016.

### 125<sup>th</sup> Birth Anniversary of Dr. Baba Saheb Ambedkar

- Dr. Baba Saheb Ambedkar's 125<sup>th</sup> Birth Anniversary Programme was celebrated from 4<sup>th</sup> April to 13<sup>th</sup> April 2016 .
- Marathi Bhasha Gaurav Din" was celebrated on the Birth Anniversary of Marathi Poet Late V. V. Shirwadkar.

### Guest lectures

12 Guest lecture were arranged by different departments inviting eminent speakers.

- IQAC :on "Nuclear Power Generation - Need of India" by Shri Sunil Patil, Scientific officer from National Power Corporation India Ltd on August 25, 2015.
- Microbiology: 1) "Recent trends and Career in Microbiology & Biotechnology" by Dr. A.M. Deshmukh, Professor and Head, Department of Microbiology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. 2) "Use of Phyto chemicals in metabolic syndromes control" by Dr. Lindsay Brown Professor (Biomedical Sciences). School of Health and Wellbeing, Toowoomba Campus, University of southern Queensland, Australia on 1<sup>st</sup> August. 3) "Career opportunities in Life Sciences" by Priya A. Panjwani (Alumni), Post-doc Fellow, Scientific Manager at Bayer Forschungszentrum Wuppertal-Aparth, Germany.
- Commerce: 1) "Traffic Rules Awareness" by Mr. Bajrang Salunke, Traffic Police Inspector, Indora & Agarkar, Head Constable Traffic Education Branch on 13<sup>th</sup> July 2015. 2) " Ill Effects Of Narcotics" to mark "International Anti- Narcotics Day" by Mr. Manish Gawande, Panchpaoli Police Station in association with "Navchetanya Vyasankmukti Centre" by Mr. Subhash Nagarde, Director, Navchetanya Vyasankmukti Centre on 26<sup>th</sup> June 2015.

- Mathematics: 1) Special theory of Relativity by Prof. M.S. Borkar PGTD of Mathematics, RTM Nagpur University, Nagpur, on 26<sup>th</sup> March 2016 2) Complex Integration by Prof. P. Deshpande Ex-Faculty, RTM Nagpur University, Nagpur, on 14<sup>th</sup> & 15<sup>th</sup> Oct. 2015.
- Physics: Nanotechnology and Recent Trends by Dr. S.B. Kondawar, PGTD of Physics, RTM Nagpur University, Nagpur, on 20<sup>th</sup> Oct. 2015.
- Languages: 1) 'Education in social context' by Dr. Ankush Kadam Marathwada University, 2) 'Exploring Language Potential' Dr. Nishikant Dhande, Associate Professor, Dept. of Business Management, University of Nanded and Dr. Arun Harne, Associate Professor, Kesharbai Lahoti M.V. Amravati. 3) " Exploring the Reality Beyond the Superficiality" by Sardar Parvindersingh, Renowned Social worker and Philanthropist.

### Earn while Learn Activity

In Earn while Learn Activity, students participated in preparation of college I card, Data entry work for MIS, Data Entry for online submission of enrollment and examination form in scheduled working modules without disturbing learning curve.

### As IQAC

- Information related to AQAR, RAR and Minor/Major Research Projects is made available on website along with activities, notices.
- Team IQAC has monitored academic/ Co-curricular/Extra-curricular activities from all the departments/committees/Cells its review on the basis of objectives and performance was conveyed to each concerned authority.

### 2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
To Reconstitute IQAC committee as per requirement	Team IQAC was reconstituted which includes Teachers, Administrative Staff, Technical staff, Management Representatives, External Experts, Alumni, Student Representatives etc.
Preparation and electronic submission of AQAR 2014-15	Team IQAC prepared AQAR for the year 2014-15 and submitted on 26/12/2015 through email, same was uploaded on web site.
Re-orientation towards improvement in quality of higher education.	The team IQAC visited 13 various departments and interacted as per schedule. During visit activities of the department were monitored for procedural and decisive parameters. Reviewed work report of 27 committees/cells. Working of department and committees/cells was analyzed as per pre decided benchmarks.
Restructuring Committees and Cells	Team IQAC has restructured/ formed the Committees/Cells according to UCG/ University / Institution guidelines. Committees/Cells with fresher members were formed with the object to train all the staff members for proper execution of work.
Restructuring/ Formation of departmental societies	Carried out by individual department

To encourage departments to conduct Conference /Seminars / Workshops/ Guest Lecture of Eminent Personalities	Total 6 workshops/ conference, 13 Guest lecture were arranged.
To encourage faculty members and students to participate in various conferences and seminars	Faculty members participated in 28 international, 72 national and 04 state-level conferences/ seminars/workshops. Two faculty members won the prizes in paper presentation in international conference. Students participated in 5 Paper/Poster presentations competitions and bagged the prizes.
Staff members to be motivated to publish their research work in reputed journals	Total 34 papers in peer reviewed, 11 in non peer reviewed journal, 01 in e- journal and 07 in conference proceedings were published.
Staff members to be motivated to publish Books	Total 24 books with ISBN number were published.
To encourage faculty members to participate in refresher and orientation programme.	05 members attended refresher course, 02 attended orientation course and 01NSS officer training programme.
To encourage students to participate in college, university and national level games and sports	162 Students actively participated in college/ university level and 14 students at national level competitions and won many laurels in athletic, fencing, cricket, baseball, softball, football and pistol shooting, etc.
To appreciate good performance in academics and sports	First two toppers from each group, (each semester) in science and class in commerce were felicitated on 15 <sup>th</sup> August. B. Sc. Course topper in Chemistry was awarded cash prize of Rs. 10,000/-. The prize is sponsored by Dr. Kharche, Ex- member of Teaching Staff. Individual as well as team performers in games & sports were rewarded with track suits/ sports accessories / mementoes on 26 <sup>th</sup> January.
To arrange Parent Teacher meet	Parent- Teacher meets were arranged in September at Departmental level. The meeting was addressed by concern subject teachers and a representative of Team IQAC. Opinions, suggestions and grievances were keenly heard and answered satisfactorily. Feed back on overall working was recorded.
Bridge courses for the 1 <sup>st</sup> year students	Departments have framed and executed Bridge courses for Sem I to level pre-requisites of each subject at the beginning of the session.
To encourage students to organize the programme on Teacher's Day	Students organized the Teacher's day programme to mark respect towards teachers. Distinctive work of Dr. S. Radhakrishnan was remembered along with appreciation to incumbent faculties.
To celebrate Death Anniversary of Founder President Late Dada Ramchand Bakhru and Birthday of President Dr. H.R. Bakhru.	Shraddanjali programme to pay rich tributes to Late Dada Ramchand Bakhru on his death anniversary on 19 <sup>th</sup> February 2016 was organized. Birthday of President Dr. H.R. Bakhru was celebrated on 30 <sup>th</sup> April 2016.



To take feedback from students	Institute has exclusively designed online feedback system. Team IQAC with a independent facilitator has collected feedback from students on aspects like Teacher performance, Library facilities, Office functioning and Institutional facilities. Elaborative computerized analysis was generated. Team IQAC has taken follow up for improvements wherever necessary.
To arrange Short Excursion/Field visit/Educational Tour/ Industrial visit	A day long tour was organized by Physics, Chemistry, Zoology, Botany, Microbiology and commerce departments.
To implement examination reforms in order to enhance capabilities and performance	Continuous evaluation system was adapted. At the end of each module, a test / home assignment/ OBT was conducted.
To motivate different Committees/Cells to conduct different programmes.	Committees/Cells conducted different programmes few of them are NSS: Collecting " Nirmalya" during the Ganesh idol immersion, T.B. Awareness Programme, Blood Donation Camp, Free Eye Camp and Free Spectacles Distribution camp Training & Placement Cell: A placement drive was conducted Woman Empowerment cell and Adult and Continuing Education conducted various activities.
To promote Earn while Learn Activity	All the students were well informed about Earn while Learn facility. Interested & responsible Students had participated in college I card Preparation, Data entry work for MIS, Data Entry for online university enrolment.
Staff Members to be encouraged to undertake research work.	2 Minor and 1 major research projects submitted.
Recruitment of teaching and non-teaching staff (vacant post)	3 teaching staff member appointed Dr. S.K. Kharkate (Chemistry) Dr. G. R. Rao (Games & Sports) Mr. G.P. Ailani (Library) 5 non-teaching staff member appointed Mr. M.M. Assudani Mr. V.R.Datre Mr. S. M. Wankhede Mr. M. G. Kadu Mr. P. P. Dawande
Library Updation	Total amount more than Rs. 3,89,164/- was invested in Library

*\* Attach the Academic Calendar of the year as Annexure: **Attached as Annexure I***

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

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## 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	01	--	02	--
UG	04	--	02	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	05	--	04	---

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

## (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	02
Trimester	--
Annual	03

## 1.3 Feedback from stakeholders\*

(On all aspects)

Alumni



Parents



Employers



Students



Mode of feedback : Online



Manual



Co-operating schools (for PEI)



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

In department of Electronics a new paper "Micro controller 8051" has been introduced.

In department of Commerce, few papers have been reshuffled "Company law and Secretarial Practice" in B.Com I, Business Communication, Business and Industrial Law in B.Com II, Computerized Accounting and Functional Management for B.Com III.

## 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 (As on 16 June 2015)

Total	Asst. Professors	Associate Professors	Professors	Others
44	26	17	01	--

2.2 No. of permanent faculty with Ph.D. (As on 16 June 2015) 33

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	20	-	-	-	-	-	-	3	20

2.4 No. of Guest and Visiting faculty and Temporary faculty 0 0 23

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	10	37	03
Presented papers	18	34	00
Resource Persons	00	01	01

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

Innovative processes adopted are:

- Conducted Bridge course
- Demo and learn
- Practice based learning
- Conducting Students Seminars

2.7 Total No. of actual teaching days during this academic year 210

2.8 Examination/ Evaluation Reforms initiated by the Institution

- Open Book Examination (internal)
- Multiple Choice Questions (internal)

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

07

00

04

2.10 Average percentage of attendance of students

90 %

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	113	13.56	38.42	27.12	22.6	79.64
B.Com Final	248	--	8.55	40.13	51.32	61.29
BBA Final	45	--	100	--	--	100
BCCA Final	15	--	40	60	--	33.33
M. Com Final	124	4.85	66.99	24.27	3.88	83.06

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

- Team IQAC meets regularly to evaluate and monitor the academic performance of the department's through formal & informal meets, representation in IQAC as a member. Corrective measures if any are taken timely.
- Result Analysis of institute is carried out for different parameters and the same is discussed in IQAC meet.
- By conducting Unit Test & Terminal examination.
- Through Students' feedback is taken
- Annual Plans for academic, co-curricular and extra-curricular activities are worked out.
- Self Appraisal forms (API) are collected at end of the session.
- Over all monitoring through Bench Marking.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	05
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	02
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	--
Others( NSS program officer)	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	27	08	02	-----
Technical Staff	35	13	03	-----

**Criterion – III****3. Research, Consultancy and Extension**

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

- Research Committee is restructured for monitoring, promoting and encouraging the faculty for research in the concern subject.
- Information regarding upcoming seminars, conferences, etc. is provided by the research committee.
- Facilitated minor / major project proposals for research.
- Motivated research work, paper presentations and publications in Journals

## 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	--	01
Outlay in Rs. Lakhs	3,75,000/-	11,38,000/-	--	

## 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	02	02		
Outlay in Rs. Lakhs	1,80,000/-	2,35,000/-		

## 3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	24	--
Non-Peer Review Journals	01	10	--
e-Journals	01	--	--
Conference proceedings	--	07	--

## 3.5 Details on Impact factor of publications:

Range  Average  h-index  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.  Chapters in Edited Book   
 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  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	01	--	--	--
Sponsoring agencies	--	--	--	--	--

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs : From funding agency  From Management of University/College Total 

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	--
	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
04	02	02	--	--	--	--

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them 3.19 No. of Ph.D. awarded by faculty from the Institution 

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

JRF  SRF  Project Fellows  Any other 

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="04"/>	State level	<input type="text" value="02"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="--"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="--"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>



## 3.24 No. of Awards won in NCC:

University level	<input type="text" value="--"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

## 3.25 No. of Extension activities organized

University forum	<input type="text" value="--"/>	College forum	<input type="text" value="--"/>
NCC	<input type="text" value="--"/>	NSS	<input type="text" value="--"/>
		Any other	<input type="text" value="01"/>

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

**Institutional Social Responsibility**

- “Service to Nation” participated in the Nagpur Smart city project by accepting the proposal from Nagpur Municipal Corporation for uploading the collected data online.
- “ Nirmalya” Collection during the Ganesh idol immersion was organized at Naik Talao on 27<sup>th</sup> Sep. 2015.
- Blood Donation Camp was organized on 23<sup>th</sup> Sep. 2015 in association with Jeevan Jyoti Blood Bank. Students & Teachers of our college donated the blood.
- Free Spectacles distribution camp was organized free spectacles is distributed to needy 62 patients.
- NSS unit in association with Sushrut Netralaya and Research Centre was organized free Cataract Surgeries to 20 needy patients. The patients were given free medicines and black goggles.
- Rally was taken out in North Nagpur on occasion of International Literacy day.
- Tree Plantation done on occasion of International Ozone Day.
- Cleanliness drive around the college on 2<sup>nd</sup> Oct. 2015.
- 130 students from Institution’s are “Police Mitra” to serve the society.

**Extension activities**

- A lecture on AIDs was organized on occasion of International AIDS Day
- Awareness programme on increasing population and remedy on World population day.
- Awareness programme on CYBER CRIME
- “Cancer Awareness Programme” in association of Medical Faculties, Nagpur.
- Various activities were organized on world population day.
- “International” Yoga Day workshop.

**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	17938.4064 46 sq.mts	--	-	17938.406 446 sq.mts
Class rooms	28	00	--	28
Laboratories	15	-	-	15
Seminar Halls	01	-	-	01
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	04	01	Non Salary Grant	05
Value of the equipment purchased during the year (Rs. in Lakhs)	40.39595	4.01584	Non Salary Grant	44.41179
Others	--	17130	Non Salary Grant	--

## 4.2 Computerization of administration and library

Office and library have been computerized using College Management System (CMS). SMS services are given for lending and returning the books in library. Students are informed through SMS for attendance, examination or any other information through office

## 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	33,557	-	2008	3,19,740	35,565	-
Reference Books	1121	-	90	56,424	1,211	-
e-Books	1,00,000+	-	-	-	-	-
Journals	19	-	-	8,000	-	-
e-Journals	3600+	-	-	5,000	-	-
Digital Database	-	-	-	-	-	-
CD & Video	10	-	18	-	28	-
Others (specify)	-	-	-	-	-	-

## 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Other
Existing	108	30	Yes	27	11	13	17	10
Added	02	00	00	00	00	00	02	00
Total	110	00	Yes	27	11	13	19	10

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

- College Management Software is used for office management.
- Main office is well equipped with computers, internet, printers, photocopiers and fax.
- The campus is under surveillance of CCTV.
- A library software LIBMAN is installed.
- The college provides the e-library facility, INFLIBNET to access e-resources and e-journals.
- Book bank facility to economically weaker section of students.
- The library is equipped with computers to speed up facility available with library.
- The Seminar Room and Conference Hall is well equipped with multimedia and are used frequently for conducting seminars and talks by experts.
- N-Computing facility is working successfully.
- Computer facility is equipped with human resource for maintenance of computers and related hardware.

4.6 Amount spent on maintenance in lakhs :

i) ICT	1.03
ii) Campus Infrastructure and facilities	2.70
iii) Equipments	0.11
iv) Others	--
<b>Total :</b>	<b>3.84</b>

**Criterion – V****5. Student Support and Progression****5.1 Contribution of IQAC in enhancing awareness about Student Support Services**

- College publishes a prospectus providing detailed information about the process of admission, eligibility criteria for different courses, facilities available in the college, Committees/Cells/subject societies available in the institution. Information about different scholarships, Rules and regulations, fee structure as per government guidelines is illustrated in the prospectus.
- Students are facilitated to get scholarship under various schemes by Central and state government.
- Committees/Cells/subject society's co-ordinators are asked to organize respective academic activities.
- Special sessions are arranged to make the students aware of the various techniques involved in getting jobs. Mock tests, discussions and interviews are organized.
- Information related to theory and practical examinations, internal assignments, scheme of marks etc. are displayed on departmental notice boards.
- College has a website which is timely updated.

**5.2 Efforts made by the institution for tracking the progression**

- Teachers interact with the students periodically and keep a track of students' progression.
- Parent -Teacher meeting is conducted periodically to keep the parents informed about their ward's performance.
- Contact hours for students and parent are displayed on departmental display board.
- Feedback is taken from students, parents and alumni on various aspects of the college functioning.

**5.3 (a) Total Number of students**

UG	PG	Ph. D.	Others
2102	285	-	-

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

03
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**(c) No. of international students**

Nil
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	No	%		No	%
Men	1022	42.81	Women	1365	57.18

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1243	500	18	507	00	2268	1216	513	25	633	--	2387
Demand ratio 1:2						Dropout % 00					

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

- Workshop, seminar are organized on personality development.
- Career Guidance and Placement Cell conducts various classes and programmes in connection with competitive examinations.
- Entry into services and Training and placement Cell organize group discussions and training in Interview techniques and writing C.V. in providing inputs for getting better opportunities in career making.

No. of students beneficiaries

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

NET  SET/SLET  GATE  CAT   
 IAS/IPS etc  State PSC  UPSC  Others

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

- Institute has a separate functioning Entry into Services and Training and Placement Cell
- Seminars were organized by inviting professional organizations to provide career guidance.
- Various personal, social and career issues were discussed with mentors.
- Guidance on higher education and job were given.
- Students were mentored for Joint Admission test for M.Sc. (JAM) organized by IIT.
- Students were guided for the Post-graduation opportunities in city as well as across India.
- Students were guided for the different scholarships.
- Girl students are especially 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

## 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
02	125	26	00

## 5.8 Details of gender sensitization programmes

- Sexual (Anti) Harassment Cell is formed & is functional
- Sanitary Napkins automatic vending machine and incinerating machine was installed.
- Organized lecture on Poly Cystic Ovarian Syndrome (PCOS), hygiene and related medical issues.
- Programme on balance diet, yoga and exercise are organized.
- Organized Breast Cancer awareness lecture.
- Organized 'Diet awareness' lecture to celebrate International Women's Day.

## 5.9 Students Activities

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

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

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

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	31	20706/-
Financial support from government	365	851134/-
Financial support from other sources	--	--
Number of students who received International/ National recognitions	--	--

5.11 Student organised / initiatives

Fairs: State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

Grievance of one girl student was amicably solved by Women Grievance and Redressal Cell.

## 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 needs 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:

The Management Information System is deployed for office automation & library automation.

It includes:

Administrative process including Finances, Student Admission, Student registration, Students details, Admission Slip generation, Students List, Fee details, Scholarship, Salary structure for employees, Income tax report, Arrears details, Loan details, Library Management System

Processing of Examination Forms for the affiliating university, Issue of Transfer Certificate, Library Books Issue/Return

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

##### 6.3.1 Curriculum Development

- The institute is affiliated to R T M Nagpur University; some teachers are active members of Board of studies and are involved in curriculum development. Curriculum enrichment is carried out in every subject thought.
- During the session 2015-16, seven faculty members are part of board of studies & contribute towards overall subject development.
- The curriculum for bridge courses are designed by department independently to enhance students understanding and equalize capacity of students.
- Faculties are encouraged and facilitated to participate in workshops and meetings at university level



### 6.3.2 Teaching and Learning

- Planning for 'content delivery' well before the commencement of semester.
- Use of ICT facilities for teaching and Learning along with from usual chalk and black board to impart concepts effectively.
- Use of Simulation software for teaching & learning,
- Bridge course at the start of the session.
- Interactive methods of teaching
- Measures taken to ensure, academic excellence across all categories of students, through tutorial, mentoring, goal setting for advanced learners, catering to slow learners.
- Imparting knowledge through experiment, workshops and seminars, Guest Lectures, Case studies, Study visits
- Curricular and extracurricular Group discussions, Debates, Extempore, Quiz
- Learning through community interaction , undertaking field work, social surveys and study of small scale industries
- Continuous up-gradation of the infrastructure, library, upgradation of laboratory to meet the growing academic requirements.

### 6.3.3 Examination and Evaluation

- Unit Test/ Surprise Test are conducted to monitor subject understanding
- Home assignments, students presentations are conducted and form one of the parameters of internal assessment
- In all examinations, evaluation of answer books is carried out & discrepancies are explained to students
- The students remaining absent for regular classes , examination and students with low score are monitored
- Performance is evaluated by IQAC through discussions with students and concerned teachers.
- Strengths and weaknesses of the students are analyzed.

### 6.3.4 Research and Development

- Research Committee of the institute monitor and encourage research activity to be carried out.
- Major and Minor Research Projects proposals are encouraged.
- Research Committee regularly posts information about, forthcoming workshops, seminars and conferences.
- 16 faculties are recognized by University as a Supervisor.
- 30 research scholars are registered for Ph.D. degree in various subjects.
- 4 faculties are awarded Ph.D. degree in the academic session 2015-16.
- 46 Research papers are published in Various National and International Journals.
- 1 Major project and 2 Minor Projects are ongoing. One minor project is sanctioned by UGC.
- Published Papers are circulated in the department to motivate students.

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

- Staff and students have access to INFLIBNET (e- journal)
- Collection of reference and text books of various subjects, periodicals, magazines, digital resources, and audio visual collections.
- The functioning of the library is using MIS.
- Departmental library to cater the immediate requirements of staff and students
- All the departments have computers, printers, Scanners and internet connectivity
- Consistent upgrade of physical and learning resources
- Ggymnasium upgraded with modern equipments
- Sanitary napkin vending machine and incinerator is installed in girls wash room.

### 6.3.6 Human Resource Management

- Being an aided institute, recruitments of teaching and nonteaching staff is made as per the Government norms.
- Performance appraisal of staff member is done every year based on student feedback, class observation, peer evaluation and self-appraisal.
- Faculty members are encouraged to present papers in conferences and seminars and publish their work in journals
- Faculty members are facilitated to participate in orientation and refresher courses
- In house, guest lecturers are arranged to ensure full utilization of skills & capabilities of staff.
- Employee's welfare schemes are deployed
- Every staff member is made part of some committee and a chance to explore hidden talents within is given.
- Orientations and observations are carried out by Principal & team IQAC for individual and group working skill among staff members.

### 6.3.7 Faculty and Staff recruitment

- 3 teaching & 5 non-teaching staff members were recruited according to UGC norms. The process of recruitment is monitored by university nominees, state government representatives, Management and reputed subject experts
- Ad-hoc appointments are carried out for non-grant courses. In AY 2015-16 according to workload 5 appointments were done.
- CHB appointments of qualified staff are carried out for grant & non-grant courses, with approval from University. In AY 2015-16 according to workload 23 appointments were done.

### 6.3.8 Industry Interaction / Collaboration

--

### 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. Elaborated information is provided through low cost prospectus.

## 6.4 Welfare schemes for

Teaching	10
Non teaching	08
Students	05

## 6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes  No 

## 6.7 Whether Academic and Administrative Audit (AAA) 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 Programme Yes  No

For PG Programmes Yes  No

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

- The institute is affiliated to R.T.M. Nagpur University. Semester pattern for B.Sc. and M.Sc. and M.Com. Courses have been from the session 2013-14. Accordingly, examinations were conducted as per semester pattern. 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

- Alumni meets are conducted.
- Several Departments invite the alumnae for extension lectures and share their expertise with the students.
- Distribution of books to needy students from alumni fund.
- Online alumni registration (<http://www.smvnagpur.ac.in/Alumni.aspx>)

#### 6.12 Activities and support from the Parent – Teacher Association

- Department wise Parent – Teachers meet was held.
- Feedback is collected from the parents/guardians on various aspects of institutional functioning and suggestions for improvement are recorded.
- Information about wards progress informed through SMS, those who have opted service.

#### 6.13 Development programmes for support staff

- Each department conducts training program for the supporting staff regarding handling of new instruments and experiments. Details of RTI, procedure for *HTE Sevarth* are provided along with assistance.
- Procedures for purchases, financial documentation, and stock keeping activities are carried out by support staff, for which departmental meetings and consultation is carried out.

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

- Solar lamps are maintained and running at prominent places.
- Step-wise tube lights are being replaced with LED lamps
- Vermi-composting unit to manage bio-degradable garbage, Rain water harvesting for water recharge system, animal waste disposal system.
- Tree plantation program was organized by NSS and Nature club in college campus.
- Environment Awareness Programs were conducted for the students through Nature club.
- Poster and model competition are organised for the environmental awareness program.
- In response to National call, “Swaccha Bharat Abhiyan” was deployed from 2<sup>nd</sup> Oct.

## 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.

Online feedback system is developed. Computerised analysis is carried out on multiple parameters. Suggestions from the students for overall improvement of the institution are taken into account.

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.
- 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 have been equipped with LCD and a computer with internet connection.
- 4 To enhance learning resources Library was upgraded with 2008 new text books including reference books. Journals & e-journals have been continued.
- 5 Total 365 students availed the scholarships of Rs. 8,51,134/- from the college under various government schemes.
- 6 To help economically poor students, scholarships were distributed from Students Aid Fund (SAF) scheme and with the contribution from staff members. Total 31 students availed Rs. 20,708/-
- 7 Rs.37,096/- were given for making I Cards in learn while learn activity.
- 8 Students were encouraged to excel in curricular and co-curricular activities. Academic toppers at university level from each group were felicitated on INDEPENDENCE DAY, by gifting books total of Rs. 3000/-.
- 9 Track suits and prizes of Rs.48,650/- are distributed to outstanding players on Republic day to promote Extracurricular activities.
- 10 To make students aware of their social responsibilities and create inclusive society, many social awareness programs were conducted through, Women Empowerment Cell, NSS & ACE
- 11 Environmental Cell of the college conducted many awareness programs for the environmental protection and its conservation and tree plantation in institute and nearby was done.
- 12 Training and placement cell of the institute conducted a training program for the students. In recruitment drive number of companies was called and 26 students were selected.
- 13 Students were encouraged to participate in intercollegiate games and sports events. Total 162 students participated in state/ university level and 14 students played on National level and bring laurels to institute.
- 14 Educational tours were held.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)**Best Practices 1****1. Title of the Practice**

'Raising strength & perception through networking'

**2. Goal**

To raise curriculum, co-curriculum and research activities at par with peer institutes at national & international level.

To step forward from isolated institute towards more open, linked, cross platform setup.

**3. The Context**

Academic institute have to increase their outreach for larger exposure, imagination & plans to utilize more opportunities for which 'own campus' always has a limit. Students, faculties and administration need exposure to peer as well as more evolved education system in order to raise individual and team capabilities.

Research is always integral part of education. Hence a quality and applicability oriented research work is an expected characteristic of academic institute. In order to achieve quality in research work, a motivation peep into present scenario and deep insight of future work are essential.

**4. The Practice**

Our institute has taken a step towards journey of globalization through sharing its resources (human/infrastructure/finance/time). The MoU between Dada Ramchand Bakhru Sindhu Mahavidyalaya and Bhartiya Shikshan mandal (BSM) has opened a networking platform to interact with eminent and likeminded academic and research institutes. Our institute, in isolation have not thought of organizing international conference in true sense. As pioneer academic partner of BSM, the institute has widened different aspects including organization skill, vision of research and outreach. The networking has been initiated through hosting an International Conference with the theme 'Research for Resurgence'. The aim of the international Conference was to initiate a paradigm shift in research orientation so as to make it indigenous, holistic, integrated, and meaningful. The outcome of such research would contribute towards the betterment of the society by its applicability. The conference was co-hosted with 5 universities from vidharbha and premier national institutes NEERI & VNIT. Dada Ramchand Bakhru Sindhu Mahavidyalaya has privileged to become Academic Partner in this movement. This was a visionary decision, created a strong footprint in the direction of collaboration and association in the field of research in the years to come.

As a part of this quality oriented cluster, in step one, faculty members have opportunity to interact and experience the thought process and work culture. In the years to come, interaction will be strengthen and extended to students.

**5. Evidence of Success**

The Conference was inaugurated at the hands of Hon'ble HRD Minister Smt. Smriti Irani and Hon'ble Chief Minister of Maharashtra Shri Devendra Fadnavis. Hon'ble Union Minister Dr Prakash Javadekar delivered keynote address in the session *Ahuti* and Hon'ble surface Transport minister Shri Nitin Gadkari spoke in the Valdiictory function. Renowned dignitaries including - Dr G Madhavan Nair, Dr Madhav Chitale, Dr B N Jagatap, Shri S Gurumurthy and Dr B K Saraswat, Dr. D. P. Sing (Director NAAC) from Bharat and Dr Anand Paranjape (Canada), Dr Manohar Shinde (USA), Shri Ramesh Kaladai (UK), Dr Guna Magesan (NZ) and Dr D J Sinhadurai, (Malaysia) addressed the conference, attended by galaxy of about 725 academicians and industrialists from Bharat and other countries.

Fifteen point frame work for action is the outcome of the ideas deliberated and thoughts contributed during conference. The delegates unanimously upheld framework and presented to the global society, academia and the government for consideration and immediate action.

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

No major problem encountered during execution.

#### **7. Notes (Optional)**

DRB Sindhu Mahavidyalaya was privileged to organize first session of the ICRFR on 12th Feb 2016, termed *Aahuti 1*. The session featured invited scholarly presentations of Shri Prakash Jawdekar on 'Innovations in education' and Shri Madhave Chitale 'Societal Participation in Research'. Shri. Prakash Javadekar, Hon'ble Minister for Environment, forest and climate change was welcomed & felicitated at the hands of Shri. H.R. Bakhru, President SHVS. Shri Madhav Chitale, Prominent Irrigation expert was welcomed & felicitated at the hands of Shri. I.P. Keswani, General Secretary SHVS. The session was conducted by Dr. Rajkumar Khapekar.

## Best Practices 2

### 1. Title of the Practice

Raising '*institutional feelings*': collective leadership

### 2. Goal

To inculcate, 'cohesive team' work culture among staff members in different capacities.

### 3. The Context

Holistic growth needs holistic efforts. Journey of student, from teenage aspirant to educated, well cultured & responsible resident of nation, needs multidimensional efforts and living examples, role models around.

Outcome of higher education system includes: contribution in developing healthy society, people with ability to understand rest of the world and obviously capable of making own life peaceful and happy.

### 4. The Practice

Our institute believes that teachers & support staff not only have verbal communication, but their attitude, body language and language, speaks in volume and is effectively copied by the next generations. In order to make multifaceted graduates, first step is to have a multifaceted staff, especially teachers. In this context, team IQAC, various committees / cells have been shouldered by newer faces. This routine of changes, would help each of us, to understand duties and responsibilities of others, understand objectives & outcomes of different activities and explore different dimensions by leaving own comfort zones.

The newer brain approach would take of monotonies & drag of stipulated work and keep zeal of life. From quality point of view it adds new ideas, new interpretations, out of box thinking into each aspect which helps institute to be a meaningful and different. These would add incremental factor to human resource of our institute and policies more effective.

### 5. Evidence of Success

Change in position 'leader to member' and 'member to leader' have been successfully digested by staff members. Transferring responsibilities not only through documents transfer but along with wisdom was witnessed. Functioning of academic year 15-16, including this AQAR has been monitored & executed by new team and has satisfied earlier created benchmark. With new leadership more decentralization & distribution of work has been observed. Online feedback system has gathered more data than earlier one. At the same time, earlier team got a chance, to deploy certain strategies with vision & experience of IQAC; 1) earlier member secretary Mr. A. M. Mundhada has flawlessly conducted 'Easy Admission System 2016' and 2) earlier invitee Dr. V. M. Pendsey has evolved trustworthy and fruitful collaborations.

### 6. Problems Encountered and Resources Required

Phase of change, takes some time but certainly appears small in long run. An individual characteristic does affect but is limited to aesthetic, sequence and vocabulary. Objectives have been maintained and enhanced in some cases.



## 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 working efficiently in the college premises to ensure the maximum use of solar energy.
- **Water Harvesting:** - Students are taken to Science Exhibition to demonstrate awareness of water conservation and use of renewable energy.
- **Plantation:** - The College organizes tree plantation drive on **World Environment Day** to make the college campus green and aesthetically beautiful. This year also the plantation program was organized and plants of various species were planted at different places in the vicinity of college campus. College has developed 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 dug 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 during Ganesh idol immersion was organized at Naik Talao on 27<sup>th</sup> Sep. 2015 by NSS unit. In this activity volunteers guided devotees for adoption of eco-friendly idol immersion. They further educated & made aware masses about pollution hazards, need of clean environment and green earth. Teaching and non-teaching members also participated in this work.
- World population day was celebrated on 11<sup>th</sup> July 2015.
- Workshop on yoga on International Yoga Day was conducted to create health awareness in staff and students. Yoga helps to cure aliment naturally by increasing resistance power.
- Workshop on “Vermicomposting” was organized to create awareness of use of natural manure and avoid chemicals fertilizer.
- Students participated in 7 days State level camp entitled as “ Swachha Bharat Abhiyanakarita Yuvashakti” .
- National mission of ‘Swacha Bharat Abhiyan’ was executed through campus cleaning on 2<sup>nd</sup> October 2015. Through out the year cleanness is maintained by use of waste management.
- Sanitary Napkins automatic vending machine and Incineration machine was installed on Women’s Day in girl’s common room.

7.5 Whether environmental audit was conducted? Yes  No

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

**SWOC Analysis**

**STRENGTH**

- Well Qualified, Competent and Experienced Staff
- Technology enabled infrastructure
- Catering to the needs of weaker section
- Inclusive growth of students
- Dedicated governing body committed to serve
- Education at a low cost
- Nationally recognized for providing high quality education
- Self financing PG Courses
- Committed non- teaching staff
- Safety environment for co-education

**WEAKNESS**

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

**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

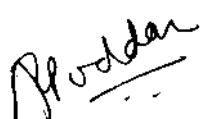
**CHALLENGES**

- Mushrooming of Professional Colleges in and around the city
- Remarkable decrease in the quality intake of students
- Casual approach and lethargic tendencies in the work culture of the students
- Students with poor communication skills
- To comply with increasing trends of e-learning

## 8. Plans of institution for next year

### **ACTION PLAN OF IQAC FOR SESSION 2015-2016**

- Enrichment of Eco-friendly Activities viz. Erecting solar lighting, plastic free campus
- Few class-rooms to be augmented.
- New Infrastructure / Renovation of some Departments viz. Botany, Zoology, Physical Education, Gym
- Enrichment of Academic activities viz. Organizing Seminars, Workshops in respective subjects, organizing Guest lectures.
- promoting faculties to attend Conference, Seminar, Workshop
- Promoting Research activities by publishing their work in Journals, Recognition of faculties' work at different
- Promoting submission of Research projects with UGC, DSTNew
- Recruitment of teaching and non-teaching staff (vacant post) subject to NOC from University and Government
- New books to be purchased In the library
- Online Students feedback has to be done along with its analysis.
- Financial aid to Socio-economically weaker students on case to case basis through student aid fund
- Incentive to outstanding sportsperson to be given
- Installation of new Display Boards for students as well as social information
- To encourage departments to take up social responsibility projects.
- Interaction with companies to organize on & off campus placement drive



**Mrs. A.R.Poddar**  
Coordinator, IQAC

Dada Ramchand Bakhru Sindhu  
Mahavidyalaya  
Nagpur



**Dr. K. J. Cherian**  
Chairperson, IQAC

Principal Dada Ramchand Bakhru  
Sindhu Mahavidyalaya  
Nagpur

**Academic Calendar 2015-16**

The academic session 2015-16 will start from 16th June, 2015.  
Following days are declared as holidays.

Sr. No.	Holiday for	Date
1	Ramzan Eid	18/07/2015
2	Independence Day	15/08/2015
3	Parsi New Year Day	18/08/2015
4	Ganesh Chaturthi	17/09/2015
5	Bakri Eid	25/09/2015
6	Laxminarayan Day	30/09/2015
7	Mahatma Gandhi Jayanti	02/10/2015
8	Dassehra	22/10/2015
9	Mohram	14/10/2015
10	Winter Vacation	09/11/2015 to 08/12/2015
11	Eid- e- Milad	24/12/2015
12	Chrisms	25/12/2015
13	Republic Day	26/01/2016
14	Shivaji Maharaj Jayanti	19/02/2016
15	Mahashivratri	07/03/2016
16	Holi	24/03/2016
17	Good Friday	25/03/2016
18	Gudipadwa	08/04/2016
19	BabaSaheb Ambedkar Jayanti	14/04/2016
20	Ramnavmi	15/04/2016
21	Mahavir Jayanti	19/04/2016
22	Summer Vacation	01/05/2016 to 15/06/2016

Test on the particular unit to be conducted after the completion of each unit.

University Practical Exam for odd Semesters will be in the month of January and for even Semesters it will be in the month June.

Theory winter examination for odd Semesters will be in the month of November to January and summer examination for even Semesters will be in the month of April to June.

## Online Feedback Forms

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur

\* Required

Your Valuable opinion about Teachers

Opinions should be made for complete academic year 2015-16 (Sem 5 &amp; 6)

1. Completion of the syllabus \*

100%      Above 90%    Above 80 %      Below 80%

2. The teacher is punctual and regular in taking lectures and practical \*

100%      Above 90%    Above 80 %      Below 80%

3. The teacher encourages participation and discussion in class \*

Excellent    Good      Satisfactory      Not satisfactory

4. The teacher's attitude towards the students is attentive and helpful \*

Excellent    Good      Satisfactory      Not satisfactory

5. Availability and accessibility of a teacher in department \*

Excellent    Good      Satisfactory      Not satisfactory

6. Communication and self confidence of a teacher while teaching \*

Excellent    Good      Satisfactory    Not satisfactory

7. Effectiveness in managing the class \*

Excellent    Good      Satisfactory      Not satisfactory

8. Conduction of unit test and assignment \*

100%      Above 90%      Above 80%      Below 80%

9. Helping the students in conducting experiments through set of instructions or demonstrations\*

100%      Above 90%      Above 80%      Below 80%

10. Motivation in participating curricular and extra-curricular activities \*

Excellent    Good      Satisfactory    Not Satisfactory

A Teacher: How better I can deliver? \*

Your answer

Feedback for College and Library

1. Infrastructural facilities available in the college \*

Excellent    Good        Satisfactory        Not Satisfactory

2. Support services and helpfulness of office staff \*

Excellent    Good        Satisfactory        Not Satisfactory

3. Co-curricular and extra-curricular activities in the college \*

Excellent    Good        Satisfactory        Not Satisfactory

4. Overall environment of college \*

Excellent    Good        Satisfactory        Not Satisfactory

5. Basic facilities (drinking water, wash room) available in college \*

Excellent    Good        Satisfactory        Not Satisfactory

6. Availability of books, magazines and newspapers \*

Excellent    Good        Satisfactory        Not Satisfactory

7. Reading room facility \*

Excellent    Good        Satisfactory        Not Satisfactory

8. Cooperation of library staff \*

Excellent    Good        Satisfactory        Not Satisfactory

9. Book bank facility for students \*

Excellent    Good        Satisfactory        Not Satisfactory

10. Time taken in transaction of the books \*

Excellent    Good        Satisfactory        Not Satisfactory

Your suggestion for the improvement in the college facilities - \*

BACK/ SUBMIT