

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year (for example 2013-14)

2016-17

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

Dr. K. J. Cherian

Name of the Head of the Institution:

Tel. No. with STD Code:

0712- 2640368

Mobile:

09764 449 231

Name of the IQAC Co-ordinator:

Dr.(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/ 2nd 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 st Cycle	B+		2004	2009
2	2 nd Cycle	B	2.62	2014	2019
3	3 rd Cycle				
4	4 th 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 2015-16 Submitted to NAAC on 22/10/2016
- 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

Student 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

- Department of English has collaborated in organizing a National Conference.
- A two day-workshop was organized by the Training & Placement Cell on “Review of Interview” for B.Sc., B.Com, B.B.A. students on 6th and 7th April 2017.
- The T & P Cell organized a workshop on ‘Aptitude, Career Guidance and Competitive Exam Preparation’.
- Internal Complaints Committee (ICC) of the institute in collaboration with Maharashtra State Commission for Women and RTM Nagpur University organized a workshop on “The sexual harassment of women at workplace (Prevention, Prohibition and Redressal) act, 2013” on 27th February 2017.
- The T & P Cell organized a seminar on ‘Personality development, Interview techniques and the scope of B.Sc. students in IT industries and B.Com students in banking sectors’.
- A week long Personality Development Program was organized by department of Languages.

Students participative Activities

In session 2016-17 various activities were carried out in which large number of students participated enthusiastically.

- Ms. Rutuja Bandebuche, Ms Pranati Shamkuwar, Mr. Guruvinder Vadan and Mr. Abhijeet Choudhary students from department of Microbiology participated in Scintillation`17, State level students` Seminar Competition organized by Jankidevi bajaj college of science, Wardha.
- NSS unit conducted anti-addiction awareness programme giving message to be free from addictions like Tobbaco, Ghutka, Smoking, Drinking and Drugs, more than 200 students have been enthusiastically participated by preparing and presenting posters, banners and slogans on anti-addiction.
- Three students participated in NSS university camp.
- Intercollegiate events Poetry recitation, Poster making, Greeting Card making, Quiz Competition, Rangoli and Story Writing Competition were conducted.
- Poster Cum Model competition was organized by Chemical Society on 1st October 2016 on Slavery to machines particularly mobile and its impact and a Quiz competition on 15th February was conducted on chemistry topics.
- Commerce enhancement Cell organized a series of competitions for B.B.A students of extempore speech, Elocution, Debate, Talent hunt which included Dance, singing, Poem recitation and street play.
- Power Point Presentation competitions were conducted for students by Department of Chemistry, Microbiology and Commerce on academics.
- A Program on “Career Opportunities after Graduation” on 5th Sept.2016 by NSS and Entry into Services committee.
- An interactive session of pass out B.Sc. (CBZ) students with first year students was organized by Department of Zoology.

Health and Social Awareness Programmes

- A rally for anti-addiction awareness was taken on 20th August. The rally was started from college via Kamal Chowk covering the surrounding slum area
- NNS unit had taken Blood Donation Camp in association with Jeevan Jyoti Blood Bank on 28th Sept. 2016. In all 50 students and staff members donated blood.
- Women Empowerment Cell (WEC) and Health Awareness Cell in collaboration with Hi-tech Hospital, Nagpur organized heath check-up and blood test camp for staff members.
- Workshop on yoga on International Yoga Day was conducted.
- Tree plantation program conducted to celebrate Environment Day.

Educational Tours

Four field/ Industrial visits were conducted where large number of students & faculty members participated.

- Department of Zoology, Botany and Microbiology organized a field visit to Navegaon Kairi on 29th Sept, 2016. During excursion students learn various Ecology, Biodiversity, Taxonomy, Laws of Environmental protection and various other topics related to syllabus. Bird and insect diversity is also observed. In addition students visited the Fish Farm run by Government of Maharashtra. They observed Navegaon dam and Hydro-Powar generation centre.

- Department of Zoology and Botany organized a visit to Zoology and Botany Laboratory of RTM Nagpur University, Nagpur on 13 Feb. 2017 to get acquainted with the handling of different instruments and technique use for the research work.
- Department of Zoology and Microbiology visited to National level Forensic Expo-2017 on 9th and 10th February at Institute of Science, Nagpur. Forensic activities; Disaster Management, Identification of adulteration in food products and Cloud Forensic Technologies in IT practices, Drone technology were studied by students and faculties.
- Department of Commerce visited Visaka Industries Ltd. on dated 24th December 2017 to study manufacturing of synthetic yarn and recycling of thread.

Institutional participation in Social activities

- Department of Botany organized plantation drive, as Forest department of Government of Maharashtra has given a clarion call to undertake Tree plantation drive of Planting 2 Cr trees on 1st July 2016.
- Rally was carried out from slum area to demonstrate the importance of education on International literacy Day, 8th September 2016.
- A program of collecting “Nirmalya” during the Ganesh idol immersion was organized at Naik Talao on 15th Sep. 2016 by NSS unit, Environmental Cell and Department of Languages. Students of the college made aware the peoples about effects of polluting natural water resources.
- Blood Donation Camp in association with Jeevan Jyoti Blood Bank was carried out on 28th Sept. 2016. In all 50 students and staff members donated blood.
- National mission of ‘Swacha Bharat Abhiyan’ was executed through campus cleaning on 2nd October 2016. Through out the year cleanness is maintained by use of waste management.
- Institutional selected students conducted read and write drive in nearby area of Balabhau peth, Milind nagar and Vaishali Nagar by Adult and Continuous Education Extension and Field Outreach Cell.

Cultural Celebrations

- Women Empowerment Cell celebrated International Women’s Day on dated 8th March, 2017.
- ‘Azadi 70’ was celebrated to mark the entry into the 70th year of Independence was organized to bring about the awareness among students and teachers about various aspect involved in Indian freedom struggle. Dance, patriotic and folk songs and skits were organized.
- Kavi sammelan titled ‘Crackers and Claps’ was organized by Cultural committee.
- To explore and enhance talent of teachers in arts field a programme ‘Refection and Rhythm’ was organized.
- On 8th September 2016 huge rally was taken out to observe International literacy Day
- ‘Julelal Jayanti’ was celebrated.
- Shraddanjali programme to pay rich tributes to Late Dada Ramchand Bakhru on his death anniversary was celebrated as ‘Sankalp Diwas’ on 19th February 2016.

- President of Sindhi Hindi Vidya Samiti, Dr. H.R. Bakhru's birthday was celebrated as 'Thanks giving day' on 30th April 2016.
- 'Marathi Bhasha Gaurav Din' was celebrated on the Birth Anniversary of Marathi Poet Late V. V. Shirwadkar.

Guest lectures

Nine guest lectures were arranged by different departments inviting eminent speakers.

- Department of Microbiology organized guest lecture of Dr. Sunil Munra, Post-doc Fellow, Section for genetics and evolutionary biology (Evogene), University of Oslo, Norway on "Career opportunities avenues in abroad".
- Department of Microbiology organized guest lecture of Mr. P.G. Dembla on "Antigen – Antigen Reaction".
- Department of Mathematics organized a lecture of Dr. Rishi Agrawal, on "Differential Equations".
- Department of Physics organized a lecture on Particle accelerator by Dr. Vishal Dhamgaye, Scientist RRCAT, Indore.
- Department of commerce organized a guest lecture on 'Entrepreneurial development' on 3rd March 2017.
- NSS unit and Health Awareness Cell organized guest lecture on "Sickle Cell Anemia and Thalassemia".
- Women Empowerment Cell along with Anti ragging Cell organized guest lecture of Dr. (Mrs.) Sandhya Kalamdhad, Faculty, Department of Law, Dr. Ambedkar College, Nagpur, on "Raging: Issues and Concern". She made aware the students about ill effects of raging and punishment under law.
- Equal Opportunity Cell organized a talk by Dr. K.J. Cherian about UGC merge schemes, opportunities for girls in jobs, secrets of achieving success in life, computer literacy and its importance.
- Environmental Cell of the institute conducted the lectures series on recent environmental issues for creating awareness in students.

Earn and Learn Activity

Under the 'Earn and Learn Activity' 14 students participated in preparation of college I-card, Data entry work for MIS, Data Entry for online submission of enrolment and examination form in scheduled working modules without disturbing learning curve. Total amount of Rs. 29,618/- has been transferred in this activity. Students of the college prepared 117 PAN cards and generated revenue of Rs. 22,920/- out of which Rs.12, 519/- was paid to NSDL office.

As IQAC

- Information related to AQAR, RAR and Minor/Major Research Projects is made available on website along with activities, notices.
- Team IQAC has taken measures in stakeholders and institute interface. The said interface includes power point presentations by Principal, to the newly admitted students providing exhaustive information of the activities and programs run by the institute.

- Team IQAC has taken online feedback from students for teachers, library system and office staff. Detail analysis was done and individual report was prepared.
- 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.
- A significant activity and contributions of team IQAC with Department of Electronics includes establishment of 'Knowledge Cloud' in institute which is running in testing phase mode.

Teacher's Achievement

- Dr. Rajkumar Khapekar is nominated as Court member of Dibrugarh University, Assam for next five years. He is selected as member of City Development Forum under Equi- City project.
- Dr. R.R. Khapekar is awarded as a "Samaj Gaurav Puraskar" for outstanding achievements in the field of Research and Education by Aadim Youth Foundation.
- Dr. A. A. Qureshi was subject expert for Seminar of research scholar for course work for Ph.D degree at recognized center N.S.College, Bhadrawati,Gondwana University, Gadchiroli.
- Dr. Kamalkishor Gupta is awarded with 'Shiv Samman 2016' by Ranjan Kalash Shabda-Shipiyo ka preranadayak Manch, Bhopal.
- Dr. Sujata Mankar has been felicitated for her academic excellence and achievements by Dr. Babasaheb Ambedkar Teacher`s welfare Association.
- Dr. Sandeep Hate was Judge at Inter school competition "How green is your campus challenge", organized by the Environment Club (REEF) of Shri Ramdeobaba College of Engineering & Management.

Student's Achievement

- Ms. Pranati Shamkuwar(B.Sc Sem-VI) won three prizes viz. Best abstract, Audience choice award and Second prize in PowerPoint presentation respectively in Scintillation`17 State level students` Seminar Competition organized by Jankidevi Bajaj college of science, Wardha.
- B.Sc. Sem-IV student Ms. Sneha Bagadkar, Ms Pranati Shamkuwar, Ms. Rutuja Bandebuche, Mr. Guruvinder Vadan, Mohd. Subhan Akhtar and Mr. Abhijeet Choudhary participated in Wetland & Biodiversity Aptitude test quiz competition in National Seminar on "Wetlands for future security–NSWFS-2017" on 02nd February 2017 organized by Department of Botany, Dr. Ambedkar college, Deekshabhoomi, Nagpur and Maharashtra forest department, Govt. of Maharashtra in association with OCW, and Vanrai foundation , Nagpur . Ms. Pranati Shamkuwar won second consolation prize.
- In this session Ms. Pooja Sawlani, student of B.Sc. Sem.- IV won Consolation Prize in Intercollegiate Science Talk competition, Organized by Shri. Shivaji Science College, Nagpur.
- A placement drive was conducted by the T& P Cell on 09. 08.16. by Juggernaut Glocal solutions and three students Gurvinder Singh Vadan, Harshal Tiwari and Mahendra B. Thakur from B.Sc. were selected.

- A pool interview drive was conducted by IBM Concentrix organized by D. B. R. Ambedkar College, Nagpur on 30th Jan 2017 and Ku Lipika Das of BSc(III) MBBC Branch and Prachi Ghoradkar got selected.
- In the placement drive of ICICI Prudential for the final year students of BCom, BBA, BCCA, BSc and MCom on 3rd Feb'2016. Six students Lipika Das, Reshma Hedau, Ankita Kachhwah, Anjali Wanjari, Sweety Barapatre and Sunny Vishkarma were selected.

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 2015-16	Team IQAC prepared AQAR for the year 2015-16 and submitted on 22/10/2016 through email and same was uploaded on web site.
Re-orientation towards improvement in quality of higher education.	The team IQAC had arranged meeting of head of all Departments. HoD s were instructed to update all the files according to the list provided by IQAC 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	09 Guest lecture were arranged. The Training & Placement Cell organized a workshop on aptitude, career guidance and competitive exam preparation followed by online mock test.
To encourage faculty members and students to participate in various conferences and seminars	Four faculty members were invited as the resource persons in the international and national conferences. Total 35 research papers were presented in various conferences, moreover 21 Conference/seminar were attended.

Staff members to be motivated to publish their research work in reputed journals	Faculty members have published 7 research papers in International Journals and 32 research papers in National Journals.
Staff members to be motivated to publish Books	Total fourteen books were published with ISBN number from various subjects.
To encourage faculty members to participate in refresher and orientation programme.	Six faculty members have participated in faculty development programs like refresher, orientation courses and HRD programs.
To encourage students to participate in college, university and national level games and sports	In inter collegiate sports competition organized by RTM Nagpur University, 160 students of the college participated in 17 different games and total of 18 students brought laurels to the institution by representing the University in All India Inter-University competitions. Students from the Institute had also participated in various intercollegiate competitions like Poem Recitation, Elocution Competition, Stand-up comedy Competition, Essay Competition, Poster Making Competition, etc and brought glory by winning first, second or third prizes.
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 th 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 th 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 st 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	Shraddanjali programme to pay rich tributes to Late Dada Ramchand Bakhru on his death anniversary on 19 th February 2017 was organized. Birthday of

President Dr. H.R. Bakhru.	President Dr. H.R. Bakhru was celebrated on 30 th April 2017.
To take feedback from students	Institute has exclusively designed online feedback system. Team IQAC with 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	Department of Life Sciences, conducted educational tours and visited two day National level Forensic Expo-2017 on 9 th and 10 th February, 2017 organized by Government Institute of Science, Nagpur. Department of Commerce also had conducted industrial visit to 'Vishakha Industries', Mauda.
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	Under the 'Earn while Learn Activity' 14 students participated in preparation of college I-card, Data entry work for MIS, Data Entry for online submission of enrolment and examination form in scheduled working modules without disturbing learning curve. Total amount of Rs. 29,618/- has been transferred in this activity. Students of the college prepared 117 PAN cards and generated revenue of Rs 22920/- out of which Rs.12519/- was paid to PAN office.
Staff Members to be encouraged to undertake research work.	One major and two minor projects are ongoing in the institute and one minor project has been sanctioned in the 2016-17 session.

Staff Members to be encouraged to undertake higher studies.	Three faculty members have been awarded Ph.D. in this academic session. Seventeen faculty members are registered as Ph.D. guide and 24 students are registered under them whereas 02 students have been awarded Ph.D.
Recruitment of teaching and non-teaching staff (vacant post)	2 teaching staff member appointed Mr. Rakesh Naktode (Chemistry) Dr. Reema Kamlani (Commerce)
Library Updation	Total amount Rs. 4 lakh 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

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	--	01 (One Section)	--
UG	03	--	03	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	04	--	04	---

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	04
Trimester	--
Annual	00

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.

There is revision in the syllabus of few departments. Minor changes were done some topics are deleted and some are added.

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 21/12/2016)

Total	Asst. Professors	Associate Professors	Professors	Others
39	27	11	01	--

2.2 No. of permanent faculty with Ph.D. (As on 21/12/2016)

34

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
02	01	-	04	-	-	-	-	2	05

2.4 No. of Guest and Visiting faculty and Temporary faculty

0

0

39(CHB)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	04	15	02
Presented papers	04	28	03
Resource Persons	04	00	00

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

08	--	--
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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	179	7.22	23.52	33.51	16.75	81.00
B.Com Final	244	00	4.92	47.95	10.65	63.52
BBA Final	45	00	55.57	08.00	00	64.44
M. Com Final	117	1.85	98.15	00	00	46.15

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	03
UGC – Faculty Improvement Programme	01
HRD programmes	01
Orientation programmes	01
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	01
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	25	10	00	-----
Technical Staff	33	16	00	-----

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
Outlay in Rs. Lakhs		11,38,000/-	--	

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	02	--	--
Outlay in Rs. Lakhs	--	5,75,000/-	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	05	26	--
Non-Peer Review Journals	--	--	--
e-Journals	03	--	--
Conference proceedings	--	06	--

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	--	--	--
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
02	00	01	--	--	01	--

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 State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level	<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="06"/>
NCC	<input type="text" value="--"/>	NSS	<input type="text" value="03"/>
		Any other	<input type="text" value="--"/>

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

Institutional Social Responsibility

- “ Nirmalya” Collection during the Ganesh idol immersion was organized at Naik Talao. 27th Sept.2016.
- Blood Donation Camp was organized on 28th Sep. 2016 in association with Jeevan Jyoti Blood Bank. Students & Teachers of our college donated the blood.
- NSS unit of college had organized an awareness programme on Anti-Addiction 5th August 2016. In this awareness programme posters, banners and slogans on anti-addiction were displayed. Rally was taken out from college via Kamal Chowk covering the surrounding slum area on taken 20th August.
- Rally was taken out in North Nagpur on occasion of International Literacy day on 8th September 2016 with poster and handouts to encourage literacy mission.
- Illiterate people were taught to read and write by students of first year to nearby area of Balabhau peth, Milind nagar and Vaishali Nagar.
- Tree Plantation done on occasion of Environmental Day.
- Cleanliness drive was carried out in and around the college on 2nd Oct. 2016.

Extension activities

- NSS unit had organized Lecture on “Sickle Cell Anemia and Thalassemia” on 3 Oct. 2016.
- Chemical society had organized a poster presentation, seminar, quiz completions.
- Department of Languages had taken visit to Central Jail, Nagpur.
- “International” Yoga Day workshop was organized.

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	01	Self Finance	29
Laboratories	15	-	-	15
Seminar Halls	-	-	-	-
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	05	12	Non Salary A/C	17
Value of the equipment purchased during the year (Rs. in Lakhs)	44.41179	1.57646	Non Salary A/C	45.98825
Others	--	--	--	--

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	35565	-	1703	400000	37,268	-
Reference Books	1211	-	105		1,211	-
e-Books	1,00,000+	-	3035000	-	313500 0	-
Journals	19	-	-	-	19	-
e-Journals	3600+	-	2400	--	6000+	-
Digital Database	-	-	-	-	-	-
CD & Video	28	-	10	-	38	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Other
Existing	110	30	Yes	27	11	13	19	10
Added	03	00	00	00	00	00	00	00
Total	113	30	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.
- Library software LIBMAN is installed and functioning.
- 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	0.55350 1.14102 Internate Bill
ii) Campus Infrastructure and facilities	0.83975
iii) Equipments	--
iv) Others	1.01601
Total:	3.55028

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 for students.
- 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.
- Banner for Anti ragging and maintaining discipline are displayed.
- Students' achievements are timely updated on college website.

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
2274	269	-	-

(b) No. of students outside the state

07

(c) No. of international students

02

	No	%		No	%
Men	01		Women	01	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1216	513	25	633	--	2387	1308	594	40	602	--	2544

Demand ratio: 1: 2.5

Dropout % -- 10%

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

- Workshop, seminar are organized on personality development.
- Students are timely guided for entrance examination for higher education.
- 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	<input type="text" value="00"/>	SET/SLET	<input type="text" value="00"/>	GATE	<input type="text" value="00"/>	CAT	<input type="text" value="00"/>
IAS/IPS etc	<input type="text" value="00"/>	State PSC	<input type="text" value="00"/>	UPSC	<input type="text" value="00"/>	Others	<input type="text" value="15"/>

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/JEST).
- 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	06	00

5.8 Details of gender sensitization programmes

- Internal Complaint Committee (ICC) is formed & is functional.
- Sanitary Napkins automatic vending machine and incinerating machine is working.
- Programme on yoga and exercise are organized.
- Programme on “Sickle Cell Anemia and Thalassemia” was organized and on testing of Sickle Cell.
- A workshop was organized on “The sexual harassment of women at workplace (Prevention, Prohibition and Redressal) act, 2013”.

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	--	--
Financial support from government (Grant in Aid) (Permanent Non Grant)	929 251	29,06,252/- 44,55,276/-
Financial support from other sources From student Aid fund (Permanent Non Grant) (Grant in Aid) (Alumni Fund)	09 35 02	62,423/- 21,169/- 4300/-
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: Nil.

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.
- 17 faculties are recognized by University as a Supervisor.
- 24 research scholars are registered for Ph.D. degree in various subjects.
- 3 faculties are awarded Ph.D. degree in the academic session 2016-17.
- 35 Research papers are published in Various National and International Journals.
- 1 Major project and 3 Minor Projects are ongoing.
- 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

- 2 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 2016-17 according to workload.
- CHB appointments of qualified staff are carried out for grant & non-grant courses, with approval from University. In AY 2016-17 according to workload 39 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

- Some departments conduct 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.
- Tree plantation program was organized by NSS in college campus.
- Environment Awareness Programs were conducted for the students.
- Guest lecturers were organised for the environmental awareness.
- In response to National call, “Swaccha Bharat Abhiyan” was deployed from 2nd 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 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.
- 3 To enhance learning resources Library was upgraded with 1703 new text books including reference books. Journals & e-journals have been continued.
- 4 Total 1360 students availed the scholarships of Rs. 7361528/- from the college under various government schemes.
- 5 To help economically poor students, scholarships were distributed from Students Aid Fund (SAF) scheme. Total 44 students availed Rs. 83,592/-
- 6 Rs.12,519/- were given for making PAN Cards.
- 7 Students were encouraged to excel in curricular and co-curricular activities. Academic toppers at university level from each group were felicitated on INDEPENDENCE DAY.
- 8 Track suits and prizes are distributed to outstanding players on Republic day to promote Extracurricular activities.
- 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 and tree plantation in institute and nearby was done.
- 11 Training and placement cell of the institute conducted a training program for the students. In recruitment drive number of companies was called and 06 students were selected.
- 12 Students were encouraged to participate in intercollegiate games and sports events.
- 13 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

'Knowledge Cloud'

2. Goal : Use of technology in the education field

3. The Context

'Knowledge Cloud' has been established in institute which is running in testing phase mode.

4.The Practice

Students are making the use of the cloud in their studies in referring books.

5. Evidence of Success

Students are getting number of books to read. They are sitting hours together to study the material provided in the knowledge cloud.

6. Problems Encountered and Resources Required

No major problem encountered during execution.

Best Practices 2

1. Title of the Practice

Online feedback system

2. Goal

To inculcate, the learning and improving work culture among staff members.

3. The Context

Online feedback system has been developed by the institutional staff member and Feedback forms were generated, students' feedback was taken and analyzed.

4. The Practice

We are practicing of taking and analyzing the feedback from last two years.

5. Evidence of Success

All the staff of the institute has taken the system healthily and tried to come upto the mark.

6. Problems Encountered and Resources Required

Numbers of computer are limited so feedback of few students can give feedback at one time.

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.
- **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 28th Sep. 2016 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.
- 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.
- National mission of ‘Swacha Bharat Abhiyan’ was executed through campus cleaning on 2nd October 2016. Through out the year cleanness is maintained by use of waste management.
- Sanitary Napkins automatic vending machine and Incineration machine is in functional.

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

- 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

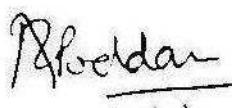
CHALLENGES

- 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 2017-2018

- Development of ITC room.
- Development of Conference room.
- Few class-rooms to be augmented.
- New Infrastructure / Renovation of institutional building are suggested.
- Enrichment of Eco-friendly Activities viz. erecting solar lighting, plastic free campus are required.
- Enrichment of Academic activities viz. Organizing Seminars, Workshops in respective subjects, organizing Guest lectures.
- Promoting faculties to attend Conference, Seminar, and Workshop.
- Promoting Research activities by publishing their work in Journals, Recognition of faculties' work at different
- To initiate Post graduate programmes in Science stream in demand.
- Promoting submission of Research projects with UGC, DST.
- Recruitment of teaching and non-teaching staff (vacant post) subject to NOC from University and Government.
- E- books and journals to be purchased In the library.
- Financial aid to Socio-economically weaker students on case to case basis through student aid fund.
- 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 2016-17

The academic session 2016-17 starts from 16th June, 2016.
Following days are declared as holidays.

Sr. No.	Holiday for	Date
1	Ramzan Eid	06/07/2016
2	Independence Day	15/08/2016
3	Parsi New Year Day	17/08/2016
4	Ganesh Chaturthi	05/09/2016
5	Mahalaxmi puja	09/09/2016
6	Bakri Eid	13/09/2016
7	Laxminarayan Day & Pitrumoksha Amavasya	30/09/2016
8	Mahatma Gandhi Jayanti	02/10/2016
9	Dassehra	11/10/2016
10	Mohram	12/10/2016
11	Winter Vacation	28/10/2016 to 27/11/2016
12	Eid- e- Milad	12/12/2016
13	Chrismas	25/12/2016
14	Republic Day	26/01/2017
15	Shivaji Maharaj Jayanti	19/02/2017
16	Mahashivratri	24/02/2017
17	Holi	13/03/2017
18	Gudipadwa	28/03/2017
19	Good Friday & ram Navami	04/04/2017
20	BabaSaheb Ambedkar Jayanti	14/04/2017
21	Mahavir Jayanti	09/04/2017
22	Summer Vacation	01/05/2017 to 15/06/2017

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 2016-17

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