

# ANNUAL QUALITY ASSURANCE REPORT

**Academic Year : 2017-18**

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

## Part – A

### 1.Details of the Institution

1.1 Name of the Institution

Dhote Bandhu Science College, Gondia (MS)

1.2 Address Line 1

Tirora Road,

Address Line 2

Gondia

City/Town

Gondia

State

Maharashtra State

Pin Code

441614

Institution e-mail address

principal@dbscience.org

Contact Nos.

07182-252467, 252623

Name of the Head of the Institution:

Dr. P. A. S. Naidu

Tel. No. with STD Code:

07182-252467

Mobile:

9423412712

Name of the IQAC Co-ordinator:

Dr. D. S. Choudhary

Mobile:

9423414117

IQAC e-mail address:

dschoudhary@dbscience.org

1.3 NAACTrack ID(For ex. MHCOGN 18879)

**MHCOGN10884**

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no.is available in the right corner-bottom  
of your institution's Accreditation Certificate)

EC(SC)/23/A & A/13.3 dated March 28, 2017

1.5 Website address:

www.dbscience.org

Web-link of the AQAR:

www.dbscience.org /AQAR 2017-18.doc

1.6 Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+	78.20 (Institutional Score)	2004	Feb 15, 2009
2	2 <sup>nd</sup> Cycle	A	3.04	2011	Sept. 15, 2016
3	3 <sup>rd</sup> Cycle	A+	3.51	2017	Mar 27, 2022
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC: DD/MM/YYYY

01.07.2005

1.8 AQAR for the year

2017-18

1.9 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 2009-10 submitted to NAAC on Sept. 20, 2010
- ii. AQAR 2010-11 submitted to NAAC on Sept. 20, 2011
- iii. AQAR 2011-12 submitted to NAAC on Sept. 25, 2012
- iv. AQAR 2012-13 submitted to NAAC on Aug. 27, 2013
- v. AQAR 2013-14 submitted to NAAC on Sept. 14, 2014
- vi. AQAR 2014-15 submitted to NAAC on Sept. 18, 2015
- vii. AQAR 2015-16 submitted to NAAC on Sept. 01, 2016
- viii. AQAR 2016-17 submitted to NAAC on Oct. 09, 2017

### 1.10 Institutional Statistics

University	State	<input type="checkbox"/>	Central	<input type="checkbox"/>	Deemed	<input type="checkbox"/>	Private	<input type="checkbox"/>
Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				
Constituent College	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Autonomous college of UGC	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>				
Regulatory Agency approved Institution	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>				
(eg. AICTE, BCI, MCI, PCI, NCI)								
Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>		
	Urban	<input type="checkbox"/>	Rural	<input checked="" type="checkbox"/>	Tribal	<input type="checkbox"/>		
Financial Status	Grant-in-aid	<input checked="" type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input checked="" type="checkbox"/>		
	Grant-in-aid + Self Financing	<input checked="" type="checkbox"/>	Totally Self-financing	<input type="checkbox"/>				

### 1.11 Type of Faculty/Programme

Arts	<input type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input type="checkbox"/>	Law	<input type="checkbox"/>	PEI (PhyEdu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input type="checkbox"/>		
Others (Specify)	<input type="text"/>								

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

RTM Nagpur University, Nagpur

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

Autonomy by State/Central Govt. / University	<input type="checkbox"/>		
University with Potential for Excellence	<input type="checkbox"/>	UGC-CPE	<input checked="" type="checkbox"/>
DST Star Scheme	<input type="checkbox"/>	UGC-CE	<input type="checkbox"/>
UGC-Special Assistance Programme	<input type="checkbox"/>	DST-FIST	<input type="checkbox"/>

UGC-Innovative PG programmes

Any other (*Specify*)

UGC funded

- B. Voc.
- Comm. College

UGC-COP Programmes

## **2.IQACComposition and Activities**

2.1No. of Teachers

9

2.2No. of Administrative/Technical staff

1

2.3No. of students

1

2.4No. of Management representatives

1

2.5No. of Alumni

1

2. 6No. of any other stakeholder and  
Communityrepresentatives

02

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

0

2.9 Total No. of members

16

2.10No. of IQAC meetings held

4

2.11 No. of meetings with various stakeholders: Faculty 4

Non-Teaching Staff Students

Alumni

Others

2.12Has IQAC received any funding from UGC during the year? Yes

No

If yes, mention the amount

2.13Seminars 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

- Sensitizing students to ecological and environmental issues through Eco club, NSS, NCC etc.
- Enrichment programme for teachers
- Empowering lady staff and female students through programmes with NGOs
- Ensured Feedback Mechanism
- Dissemination of extension and prominent activities among the staff members and get it executed.

## 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
<b>Annexure II</b>	

*\* Attached the Academic Calendar of the year as **Annexure I.***

2.15 Whether the AQAR was placed in statutory body:

Yes ☒ No ☐

Management ☒

Syndicate ☐

Any other body (IQAC) ☒

Provide the details of the action taken

The AQAR kept before IQAC. The plan of action chalked out by the IQAC in the beginning of the previous year and the outcome achieved by the end of the year were seriously taken into consideration. The extent of execution of planned activities was discussed. Some activities found not attempted or unexecuted due to some reasons. It was resolved that these activities for quality enhancement would be executed in the consequent academic year.

## 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	03	00	03	00
PG	1	00	01	00
UG	03	00	02	00
PG Diploma	00	00	00	00
Advanced Diploma	00	00	00	00
Diploma	01	00	00	00
Certificate	01	00	00	07
IGNOU	02	00	00	00
<b>Total</b>	11	00	10	07
Interdisciplinary	07	07	00	07
Innovative				

##### 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	

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

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.

Nil

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

Nil

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent Faculty

Total	Asst. Professors	Associate Professors	Professors	Others
24	15	08	01	-

2.2 No. of permanent faculty with Ph.D.

13

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
-	-	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

84

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	01	20	-
Presented	01	20	-
Resource	-	01	02

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

- Teaching through scientific model designing
- Teaching to slow learner by advanced learner
- Mentor – mentee programme

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

182

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

Assignments, MCQ, Online test

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

07

2.10 Average percentage of attendance of students

78%



### 2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division			Pass %
		Distinction %	I %	II %	
B.Sc.	293	19	72	74	66.89
B.C.A.	66	06	35	15	85
M.Sc.	83	01	34	09	53

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

- Dissemination of the activities to be carried out to individual departments
- Monitoring periodic progress
- Analysis and remedies for university exam result
- Feedback mid-term or at the end on teachers and curriculum
- Ensuring the performance of student in university examination
- Conduction of faculty enrichment programme
- Proper engagement of CPE scheme of UGC

### 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	04
UGC – Faculty Improvement Programme	All
HRD programmes	-
Orientation programmes	00
Faculty exchange programme	-
Staff training conducted by the university	02
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others (Training course- Work shop)	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	05	06	-	-
Technical Staff	41	04	-	-

## Criterion – III

### 3. Research, Consultancy and Extension

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

- Motivation to the staff to undertake MRP, publish papers
- Felicitation of staff for their publication of paper in reputed journal
- Paper presentation competition for PG students.
- Work shop for students on Research Pedagogy by invited scholars

#### 3.2 Details regarding major projects

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

#### 3.3 Details regarding minor projects

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

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	06	04	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	
Conference proceedings	--	20	--

#### 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 With ISBN No.  Chapters in Edited Books

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   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		-			-
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	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

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	02					

3.18 No. of faculty from the Institution

10

who are Ph.D. Guides and students registered under them

14

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

02

3.21 No. of students Participated in NSS events: 150

University level

10

State level

98

National level

-

International level

-

3.22 No. of students participated in NCC events:

25

University level

03

State level

01

National level

-

International level

-

3.23 No. Of Awards won in NSS:

University level

-

State level

-

National level

-

International level

-

3.24 No. of Awards won in NCC:

University level

02

State level

02

National level

-

International level

-

3.25 No. of Extension activities organized

University forum

College forum

10

NCC

04

NSS

07

Any other

## 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	03 acre	-	-	03 acre
Class rooms	-	-	-	-
Laboratories	-	-	-	-
Seminar Halls	-	-	-	-
No. of important equipment purchased ( $\geq$ 1.0 lakh) during the current year.	-	08	UGC-(CPE)	08
Value of the equipment purchased during the year (Rs. in Lakhs)		10 lakh	UGC grant	10 lakh

#### 4.2 Computerization of administration and library

- Administrative wing with fully ERP and MIS
- Library circulation computerised

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	46163	5609805	370	151895	46533	5761700
Reference Books						
e-Books	NLIST					
Journals	23	35900			25	60500/-
e-Journals	NLIST					
Digital Database						
CD & Video	415		02		417	-
Others (specify)	13					-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centre	Computer Centres	Office	Departments	Class Room
Existing	152	32	1Mbps Optical fibre lease line	08	36	16	29	09
Added	40	40		-	-	-	-	-
Total	192	72	Networked	08	36	16	29	09

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

- Training to students for online registration, portfolio, online aptitude test etc

4.6 Amount spent on maintenance in lakhs:

i) ICT	2.31
ii) Campus Infrastructure and facilities	17.25
iii) Equipment	13.44
iv) Others (ordinary repairs)	28.12
<b>Total :</b>	61.12

## Criterion – V

### 5. Student Support and Progression

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

- Orientation programme for new entrant students to make them aware about the facilities in the institution.
- Fresher's programme for new comers
- Motivated the students for Cash less transaction.
- for extracurricular activities.
- Recommended the students for summer /winter school programmes in institutions of national repute.
- Organized Industrial Tour & Forest visit.
- Students' grievances redressal mechanism
- Celibration of different occasional events
- Monitory support to the students for participation in intercollegiate events like science exhibition, sports, or extra curricular activities
- Society reach activities for scientific temper inculcation

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

- Formative evaluation
- Periodic assessment
- Counselling

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

UG	PG	Ph. D.	Others
1596	192	14	

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

12
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#### (c) No. of international students

-
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#### (d) Men

No	%
622	34

#### Women

No	%
1183	66

Last Year								This Year							
General	SC	ST	OBC	PH	(Ph.D. students are excluded)			SC	ST	OBC	PH	SBC	VJ/NT	Total	
231	178	55	916	-	31	44	1459	269	201	61	1169	-	43	45	1788

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

- Organised workshop on Soft Skill Development, Equal Opportunity etc.

No. of students beneficiaries

360

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

NET	<input type="text" value="02"/>	SET/SLET	<input type="text" value="-"/>	ATE	<input type="text" value="-"/>	<input type="text"/>
IAS/IPS etc.	<input type="text"/>	State PSC	<input type="text"/>	Others	<input type="text"/>	<input type="text"/>

### 5.6 Details of student counselling and career guidance

Career Counselling D.Subramanyam  
Narayana IAS Academy,  
Hyderabad  
No. of students benefitted

### 5.7Details of campus placement

On campus (pool)			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
02	55	12	-

### 5.8Details of gender sensitization programmes

Organised Number of **gender equity promotion programmes** like Gender sensitive workshop regarding role of ICC in college. SELF-DEFENCE PROGRAMME, Hastashringar, Saptarang, Veg. carving, Speech competition, Cyber security workshop, Guest lecture on gender sensitization, Slogan and painting competition, Extempore, Hasta-shilpa etc.

## 5.9Students 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	598 (free ships, GOI) [2017-18]	6260078/-
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:

## Criterion – VI

### **6.Governance, Leadership and Management**

#### 6.1 State the Vision and Mission of the institution

**Vision:**

To take education to the doorsteps of the downtrodden and economically backward people of Eastern Vidarbha.

**Mission:**

- To disseminate the latest and updated knowledge.
- To promote in campus research activity.
- To ensure all round development of a student.
- To train the students for self-employment.
- To crave the true citizens and skilled professionals of tomorrow.

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

Yes, the Institution has a management Information System.  
(Complete ERP provided by Amyo Technology, Aurangabad)

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

##### 6.3.1 Curriculum Development

- Revision/updating of syllabus through task force member as per feedback response

##### 6.3.2 Teaching and Learning

Fully ICT enabled classrooms are available. Interactive boards, PPT slides / PDF presentation, CAD tool / simulation techniques, CAL packages are adopted.

Further, the teaching learning process enriched by inculcating numerous extracurricular activities.

Some of them are enlisted in **Annexure III**

##### 6.3.3 Examination and Evaluation

- University examination at the end of each semester
- Internal assessment by periodic Unit tests, assignment.
- On screen evaluation of university examination
- NASSCOM, IT sector skill council

##### 6.3.4 Research and Development

- Research Motivational Programme.
- Research infrastructure is enhanced.
- 10 papers in International / National Journals, 20 papers in Proceedings

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

- ICT enabled class rooms (Interactive White Board)
- Added Computer terminals
- Enriched the Laboratories by adding the instruments

### 6.3.6 Human Resource Management

- The governing body responsible for the attraction, selection and rewarding employees, while also overseeing organizational leadership and culture and ensuring compliance with employment.

### 6.3.7 Faculty and Staff recruitment

- Always followed the state government directions for the recruitment of employee. Adhoc faculty recruited annually in the beginning of session

### 6.3.8 Industry Interaction / Collaboration

- MoU established between College and various firms/industries for sharing of expertise, curriculum design, internships, visits and placement of students. Collaborations are also established.

### 6.3.9 Admission of Students

- Admissions of students as per norms laid by State Govt. and University

### 6.4 Welfare schemes for

Teaching	PF, Gratuity, Medical Insurance, Cash incentive for paper presentation.
Non teaching	Medical Insurance, Loan facility
Students	Scholarships/ Free ships, cash prize to meritorious student

### 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) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Y	LEC	Y	Head of Institution
	Y	By Academic Peers	-	-
Administrative	Y	LEC	Y	LMC

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

For UG Programmes      Yes ☐      No ☒

For PG Programmes      Yes ☐      No ☒

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

-

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

NA

6.11 Activities and support from the Alumni Association

- Initiatives taken for the Alumni meet
- Some alumni gathered and given feedback

6.12 Activities and support from the Parent – Teacher Association

- Suggestions from association has been considered

6.13 Development programmes for support staff

- Enrichment programme for teachers
- Refresher and Orientation programme
- Summer/winter School Programme
- Yoga Camp

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

- Green audit in process
- Plastic free campus
- Tobacco free campus
- Tried to create a zero-waste campus
- Stakeholders take initiatives in energy conservation. Lights, fans, computers are switched off when it is not required.

## 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.

Dissemination of the extension activities to each faculty and its evaluation by the internal peers

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

The different portfolios had been distributed to the staff members and action plan was discussed before the IQAC. At the end of session, the working and outcome of the task assigned was monitored and appraised.

7.3 Give two Best Practices of the institution

1. Enhancing enrolment of students for online add on courses
2. Motivating the students for Digital payments

7.4 Contribution to environmental awareness / protection

Green auditing, NSS & Extension activities are based on environmental awareness through eco club.

7.5 Whether environmental audit was conducted? Yes ☐ No ☒

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

#### SWOC Analysis of College

(1) Strengths:

- UGC identified 'College with Potential for Excellence', Government Aided and NAAC accredited 'A+' grade institution
- Exclusive science College, 50 years of legacy
- Dynamic and diverse student population with more than 80% belonging to socially backward end.
- Qualified, experienced and motivated teaching, administrative and menial staff.
- Adequate Infrastructure for ICT enabled Teaching, Learning, Research and Extension activities.
- Well equipped laboratories
- Enough opportunity for vertical and horizontal mobility with UG, PG, COPs, and Ph.D. programmes.
- MoUs with industry partner
- Skill development and entrepreneurship development centre
- Eco-friendly campus
- Very small drop outs
- Multiple evaluation system in skill based courses
- Good Demand ratio as compared to nearby other HEIs

(2) Weakness:

- Higher proportion of students with poor economic background.
- Poor communication skills of admitted students.
- Limited academic flexibility since we are implementing University curriculum.

(3) Opportunities:

- Scope for improvement in academic results of UG
- Scope for improvement in sports activities.
- Scope for Inter-institutional student exchange programmes.
- Strengthening of campus placements.
- Networking with alumni.
- Scope to develop technology based farming and processing

(4) Challenges:

- Technology transfer from academics to industries
- Honing students of rural background.
- Improvements in contents of curriculum as per the needs of industries.
- Enhancement of interdisciplinary research

## 8. Plans of institution for next year

### PERSPECTIVE PLAN FOR ACADEMIC YEAR: 2018-19

1. Introduction of certificate/diploma programmes and Add on courses value added courses
2. To optimize students enrollment in certificate, diploma and or add on courses To enhance the students involvement in field projects/internships as per curricula
3. To organize International conference on cross cutting issues like gender, empowerment, leadership etc.
4. To organize defense training for girls
5. Structured feed-back on design and review of syllabus from all stakeholders
6. To analyze the feedback taken and action taken report
7. Fulfillment of sanctioned faculty post.
8. Enrichment in use of ICT, LMS, e-resources
9. To Conduct workshops/seminars on Intellectual Property Rights (IPR and industry – Academia Innovative practices
10. To Carry out Number of extension and outreach programmes in collaboration with industry, community and Nod- Government Organizations through NSS/NCC/Red cross
11. To Carry out extension activities with Government Organizations, Non-Government Organizations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc
12. To establish linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research
13. To establish functional MoU with institutions of National, International importance, other universities, industries, corporate houses etc.
14. Full automation of library
15. To enhance usage of library by teachers and students
16. To facilitate e-content development such as e- recording facility, LCS etc
17. Introduction of scholarships, freeships, etc. by the institution
18. Introduction of capability enhancement and development schemes such as Guidance for competitive examinations, -Career Counseling, Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga and Meditation, Personal Counseling etc.
19. More frequent organization of Alumni Association /Chapters meetings.
20. To organize faculty development programme for teaching and non-teaching
21. To go for ISO certification, AAA process
22. Organization of gender equity promotion programme
23. To perform Green audit
24. To establish waste management mechanism (solid, liquid, e -waste)
25. To establish rain water harvesting project.

Name: Dr. D. S. Choudhary



Name: Dr. P.A. S. Naidu



Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

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## **Dhote Bandhu Science College, Gondia**

### **College Academic Calendar**

#### **Session 2018-19**

#### **Academic Calendar for the Courses Conducted as per Semester Pattern:**

##### **Terms & Vacation**

<b>First Term</b>	:	15.06.2018 to 17.10.2018
<b>Winter Vacation</b>	:	18.10.2018 to 17.11.2018
<b>Second Term</b>	:	19.11.2018 to 30.04.2019
<b>Summer Vacation</b>	:	01.05.2019 to 14.06.2019

##### **Admissions**

**Last date of Admission**(First term odd Semester) : 06.08.2018

#### **Month-wise Plan for the Session 2018-19**

<b><u>Month</u></b>	<b><u>Activities</u></b>
<b><u>June</u></b>	Re-opening of college after summer vacation and term I start (15 June, 2018). Preparation of Teaching Plan. Admission to B.Sc. Semester-I of degree classes. Admission to PG classes. Formation of various committees for monitoring the activities throughout the year. Formation of examination committee to conduct different tests throughout the year. Commencement of SY, TY degree and PG classes. Celebration of International Yoga Day (21 <sup>st</sup> June)
<b><u>July</u></b>	Orientation program (Introduction program) of Semester-I degree classes. Commencement of FY UG and PG classes. Registration and Orientation program for NCC volunteers. Tree plantation program under Environmental studies, NSS and NCC. World population Day (11 <sup>th</sup> July) will be organized by NSS department. Carrier Counselling and placement guidance. Training of operation of Fire Fighting system for Teaching and non-teaching staff.
<b><u>August</u></b>	Registration and Orientation program for NSS volunteers. Seminar will be organized on "Roll of Youth in Nation Building" for NSS students. Conduction of Swachhta Pakwada (1 <sup>st</sup> to 15 <sup>th</sup> August)



Seminar on “Physical & Chemical origin of colour” for UG, PG students and Researchers will be organized by Department of Chemistry.  
 Celebration of National Independence Day on 15<sup>th</sup> Aug.  
 Medical Check-up camp collaboration with KTS hospital Gondia will be organized by Department of Physical Education.  
 CIE-I (Conduction of 1<sup>st</sup> Unit test Semester Pattern).  
 Allotment of Mentor Mentee system.

**September** CIE-I (Conduction of 1<sup>st</sup> Unit test Semester Pattern).  
 Cycle Rally will be organized on “Save Fuel Save Energy Save Environment”  
 Celebration of Teacher’s Day (5<sup>th</sup> Sep).  
 Essay Competition will be organized by Department of Lifelong learning.  
 NSS foundation Day will be arranged (24<sup>th</sup> Sep).

**October** National Integration day will be celebrated.  
 Commencement of University winter Theory exam. Annual pattern and failure students in even semesters pattern 3<sup>rd</sup> Oct. 2018.  
 Commencement of University winter exam regular students in odd semesters 18<sup>th</sup> Oct. 2018.  
 Term I ends 17<sup>th</sup> Oct. 2018.

**November** Term II starts from 19<sup>th</sup> Nov. 2018.  
 International Conference on “Women Empowerment and Leadership” will be organized.

**December** For ‘World AIDS Day’ (1<sup>st</sup> Dec) awareness program will be organized under NSS.  
 Commencement of University Practical Exams. Sem. Pattern (Odd Semester)  
 Commencement of FY, SY, TY UG and PG classes.  
 An organization of College Annual Sports & Cultural meet (Last Week).  
 Conduction of various competitions.  
 Inter collegiate Singing competition for Students will be organized.

**January** Annual NSS Camp will be organized.  
 National youth Day on 12<sup>th</sup> Jan will be celebrated by NSS.  
 Republic Day celebration (26<sup>th</sup> January).  
 Academic and Sports prize distribution on the occasion of Republic Day celebration.  
 Conduction of training on “Save and Safety Electricity”

**February** Celebration of Late Shri Manoharbai Patel Birth Anniversary (9<sup>th</sup> Feb).  
 National Science Day will be celebrated by Science Faculty (28<sup>th</sup> Feb).  
 Organization of student Seminars / workshop.  
 CIE-II (Conduction of 2<sup>nd</sup> Unit test Semester Pattern).  
 Commencement of University summer Theory exam. Annual pattern and failure students of odd semesters 20<sup>th</sup> Feb. 2019

**March** CIE-II (Conduction of 2<sup>nd</sup> Unit test Semester Pattern).  
 Commencement of University summer Theory exam. regular even semester students 12<sup>th</sup> March 2019

<b><u>April</u></b>	Workshop for Non-Teaching faculty. Commencement of University Practical Exams. Sem. Pattern (Odd Semester). Term II ends 30 <sup>th</sup> April 2019
<b><u>May</u></b>	Summer Vacation

## Plan of Action by IQAC/Outcome

Plan of action	Outcome
1. Introduction of certificate/diploma programmes satisfying local needseg. Rice cultivation, source of renewable energy, water conservation, jiggery production, cyber security etc.	Initiated some add on courses (online) with the support of Institutions of National Repute.
2. To opt the courses offered by IGNOU/ YCMOU etc.	-
3. To enhance the participation of teachers in bodies of University/Autonomous colleges	Four Teachers nominated as members on BOS
4. Introduction of value- added causes	Six value added courses are initiated
5. To enhance the students involvement in field projects/internships as per curricula	-
6. Structured feed-back on design and review of syllabus from all stakeholders	Feedback by stakeholders are taken. The online feedback mechanism yet to exist.
7. To optimize students enrollment in certificate, diploma and or add on courses	Maximum registration of students has been tried.
8. To analyze the feedback taken and action taken report	Analysed.
9. Implementation of CBS/elective course system in newly introduced programme	CBCS, as per University guidelines.
10. fulfillment of sanctioned faculty post.	Two post has been filled.
11. Enrichment in use of ICT, LMS, e-resources	-
12. Implementation of mentor: mentee system	Implemented
13. Up gradation of non- Ph D faculty to Ph D	Non Ph.D. members are motivated.
14. Motivation for faculty to get awards from State, National, International level	-
15. Preparation of Database of all currently enrolled students for feedback mechanism	Readily available
16. To apply for research project	-
17. To establish Incubation centre	-
18. To Conduct workshops/seminars on Intellectual Property Rights (IPR and industry – Academia Innovative practices	-
19. To Purchase of Plagiarism software	Mechanism has been developed by University
20. To Publish research paper in UGC enlisted Journals	-
21. To Publish books, chapters in edited volumes/books published, and papers in national/inter-national conference proceedings	-
22. To Carry out Number of extension and outreach programmes in collaboration with industry, community and Nod- Government Organizations through NSS/NCC/Red cross	Number of extension activities are carried out. The details are mentioned in Annexure III. NSS , NCC activities are also conducted separately.
23. To Carry out extension activities with Government	Some activities are

Organizations, Non-Government Organizations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc	carried out in collaboration of some NGO and Govt. organizations.
24. To establish linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research	Few linkages are established.
25. To establish functional MoU with institutions of National, International importance, other universities, industries, corporate houses etc.	MoUs are established.
26. Full automation of library	Process initiated
27. Enhancement in of e-journals e-books	Registered for N-List programme
28. Membership in shodhsindhu, shodhganga, development of online databases	
29. Access to Institutional database	Digitised and readily available
30. Remote access to e-recourses with high bandwidth	-
31. To enhance usage of library by teachers and students	-
32. Frequent updates of IT facilities including Wi-fi	-
33. To hike no of terminals (Student/computer ratio)	New computer laboratory has been established.
34. To facilitate e-content development such as e- recording facility, LCS etc	-
35. Enrolment of maximum students for scholarships and free ships provided by the Government	All eligible students are getting benefit of scholarship and Free-ship.
36. Introduction of scholarships, freeships, etc. by the institution	-
37. Introduction of capability enhancement and development schemes such as Guidance for competitive examinations, Career Counseling, Softskill development, Remedial coaching, Language lab, Bridge courses, Yoga and Meditation, Personal Counseling etc.	All exist
38. Introduction of Vocational Education and Training (VET)	For B.Voc. students as the part of curricula
39. Improvement in placement of students	Placed some students through pool campus
40. Improvement in progression of students	-
41. Improvement in students qualifying in state/ national/ international level Examinations during the last five years. (eg: NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations	-
42. Improvement in Number of awards/medals for outstanding performance in sports/cultural activities at national/international level More no. of sports and cultural activities /competitions should be organized at the institution level per year	-
43. Introduction of 'Alumni contribution Fund'	-
44. More frequent organization of Alumni Association /Chapters meetings.	-

45. To frame perspective plan for institutions	-
46. To facilitate for financial support	-
47. To organize faculty development programme for teaching and non-teaching	The teacher enrichment programme has been conducted.
48. To ensure participation and faculty development programme	Participation ensured.
49. To go for ISO certification, AAA process	In process
50. Organization of gender equity promotion programme	Organised
51. To ensure gender sensitivity: safety and security, counseling	Ensured
52. To establish renewable energy sources for power requirement of college	Working for grid connected solar roofs.
53. To perform Green audit	-
54. To establish waste management mechanism (solid, liquid, e -waste)	Waste management system is practiced.
55. To establish rain water harvesting project.	In process.

### Annexure III

Sr. No.	Name of the activity	Organizing unit/ agency/ collaborating agency	Name of the scheme
1.	Training and Mock Drill Programme	In Collaboration with Fire and emergency services Municipal council Gondia. (M.S.)	Fire and Life Safety
2.	Save Energy	AAJ FORUM in association with JCI GONDIA RICE CITY	“ONE DAY CYCLE RALLY”
3.	Save and Safety of Electricity	O/O Electrical Inspector Industry, Energy and Labour GONDIA Govt. of Maharashtra	Save and safety of Electricity
4.	Students seminar on e-waste management	-----	
5.	Swachhta Pakhwada - 2017 Clean Campus-shramdaan, Green Campus- Tree plantation, essay contest, importance of cleanliness- outreach programme at Bhanpur village school, Solid waste manegment program- guest lecture, elocution contest, Innovative ways for spreading the message of hygiene, Clean surroundings.	Under the guidance of MHRD	Swachh Bharat
6.	Woman Empowerment	District Police Gondia, Games, Sports and Career Development Foundation, Gondia	Gender Issue
7	Awareness about effect of Open defecation on Human health	Zilla Parishad Gondia	Swachh Bharat Abhiyan
8	Door to Door	D.B. Sc. Gondia	AIDS Awareness

	awareness campaign		
9	Plantation	Govt. Forest Department	plantation
10	Awareness programme	KTS Hospital Gondia	International drug abuse day
11.	Visit to deprived students	-	Adhar Scheme
12.	Gender sensitive workshop regarding role of ICC in college.	Women cell in collaboration with Maharashtra commission for women.	
13.	SELF-DEFENCE PROGRAMME	Women cell along with Human Rights Association, Gondia District Police Commission @ Games Sports and Career Development Foundation ,Gondia.	
14.	Cyber security workshop	Prevoyance Cyber Forensi Pvt. Ltd.	
15.	Dental Health Checkup camp	Women Cell along with GES Social Forum	
16.	Guest lecture on Gender sensitization	Women cell along with dept. of physics	
17.	HASTA SHILPA	Women cell along with dept. of Zoology	
18.	Seminar Presentation, Drama Act, Debate, Demonstration on Online Hacking Data, Privacy Policy, Security Mechanism, Alert Message	Software Development	Cyber Crime and Cyber Security
19.	Drawing competition, Rangoli competition, Debated competition, Fruit and Vegetable carving, Drama Act, Seminar presentation	Food Processing and Engineering	Gender Equality and Gender Sensitization
20.	Participation in" Program on"Cyber	Police station Gondia	Transforming Maharashtra" A State

	Crime & Online banking Fraud Awareness"		Government Initiatives
21.	Cloud Computing And Information Security	RTMNU Oberoi Centre for Excellence	