

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

**Part – A**

**1.Details of the Institution**

Dhote Bandhu Science College, Gondia (MS)

1.1 Name of the Institution

Tirora Road,

1.2 Address Line 1

Address Line 2

Gondia

Gondia

City/Town

Maharashtra State

State

441614

Pin Code

principal@dbscience.org

Institution e-mail address

07182-252467, 252623

Contact Nos.

Dr. P. A. S. Naidu

Name of the Head of the Institution:

07182-252467

Tel. No. with STD Code:

9423412712

Mobile:

Dr. D. S. Choudhary

Name of the IQAC Co-ordinator:

Mobile:

9423414117

IQAC e-mail address:

dschoudhary@dbscience.org

1.3 **NAAC Track ID***(For ex. MHCOGN 18879)* MHDBDC 12368

*EC/56/RAR/04 dated 16-09-2011*

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)*

www.dbscience.org

1.5Website address:

www.dbscience.org /AQAR2015-16.doc

Web-link of the AQAR:

1.6Accreditation Details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
| 1 | 1st Cycle | B+ | 78.20  (Institutional Score) | 2004 | Till Feb 15, 2009 |
| 2 | 2nd Cycle | A | 3.04 | 2011 | Till Sept. 15, 2016 |
| 3 | 3rd Cycle |  |  |  |  |
| 4 | 4th Cycle |  |  |  |  |

01.07.2005

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

1.8AQAR for the year

2015-16

1.9Details of the previous year’s AQAR submitted to NAACafterthe latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

1. AQAR2009-10 submitted to NAAC on Sept. 20, 2010
2. AQAR2010-11 submitted to NAAC on Sept. 20, 2011
3. AQAR2011-12 submitted to NAAC on Sept. 25, 2012
4. AQAR2012-13 submitted to NAAC on Aug. 27, 2013
5. AQAR 2013-14 submitted to NAAC on Sept. 14, 2014
6. AQAR 2014-15 submitted to NAAC on Sept. 18, 2015

1.10Institutional Status

University StateCentral DeemedPrivate

**√**

Affiliated College Yes No

Constituent College Yes No

Autonomous collegeof UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

**√**

Type of Institution Co-education Men Women

√

Urban Rural Tribal

√

**√**

**√**

Financial StatusGrant-in-aid UGC 2(f) UGC 12B

√

Grant-in-aid +Self FinancingTotally Self-financing

1.11Type of Faculty/Programme

√

Arts Science Commerce Law PEI(PhysEdu)

TEI (Edu) Engineering Health Science Management



Others(Specify)

RTM Nagpur University, Nagpur

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

1.13 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 funded

* B. Voc.
* Comm. College

UGC-Innovative PG programmes Any other (*Specify*)

√

UGC-COP Programmes

**2.IQACComposition and Activities**

9

2.1No. of Teachers

1

2.2No. of Administrative/Technical staff

1

2.3No. of students

2.4No. of Management representatives

1

1

2.5No. of Alumni

2. 6No. of any other stakeholder and

02

community representatives

1

2.7 No. of Employers/ Industrialists

0

2.8 No. of other External Experts

2.9 Total No. of members

16

2.10No. of IQAC meetings held

4

2.11 No. of meetings with various stakeholders: No.1 Faculty 2

1

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

2.14Significant Activities and contributions made by IQAC

* Established linkages with Local Industries for producing skilled human resource
* Enhancing employability by conducting entrepreneurship programme.
* Sensitizing students to ecological and environmental issues through Eco club, NSS, NCC etc.
* Motivational Programme for teachers
* Empowering lady staff and female students through programmes with NGOs
* Ensured Feedback Mechanism
* Felicitation of the meritorious students
* Academic Audit
* Green Audit
* Fire Audit

2.15Plan 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 |
| **Annexure II** | |

*\* Attached the Academic Calendar of the year as* ***AnnexureI****.*

√

2.15Whether theAQAR was placed instatutory body Yes No

√

√

ManagementSyndicate Any, other body (IQAC)

Provide the details of the action taken

Approved by IQAC for submission and implementation.

**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 | 5 | 00 | 05 | 00 |
| UG | 10 | 00 | 02 | 00 |
| PG Diploma | 00 | 00 | 00 | 00 |
| Advanced Diploma | 02 | 00 | 00 | 00 |
| Diploma | 03 | 00 | 00 | 00 |
| Certificate | 02 | 00 | 00 | 00 |
| IGNOU | 02 | 00 | 00 | 00 |
| **Total** | 27 | 00 | 10 | 00 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Interdisciplinary |  |  |  |  |
| 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 |  |

√

√

1.3Feedback from stakeholders\*Alumni Parents EmployersStudents

***(On all aspects)***

√

Mode of feedback:Online ManualCo-operating schools (for PEI)

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

aspects.

Semester pattern with CBCS

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

Department of vocation

Department of Food processing and engineering

Department of Software development

**Criterion – II**

**2. Teaching, Learning and Evaluation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total | Asst. Professors | Associate Professors | Professors | Others |
| 26 | 16 | 09 | 01 | - |

2.1 Total No. of permanent faculty

14

2.2 No. of permanent faculty with Ph.D.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
| R | V | R | V | R | V | R | V | R | V |
| - | - | - | - | - | - | - | - | - | - |

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

43

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5Faculty participation in conferences and symposia:

|  |  |  |  |
| --- | --- | --- | --- |
| No. of Faculty | International level | National level | State level |
| Attended Seminars/ Workshops | 03 | 28 | - |
| Presented papers | 03 | 20 |  |
| Resource Persons |  | 9 |  |

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

* Teaching through field industry visit.
* Skill Development initiatives through B.Voc. and Community College Scheme programme

188

2.7Total No. of actual teaching days duringthis academic year

2.8Examination/ Evaluation Reforms initiated by

Assignments and

Unit tests, MCQ

the Institution(for example: Open Book Examination,Bar Coding,

Double Valuation, Photocopy, Online MultipleChoice Questions)

07

2.9No. of faculty members involved in curriculum

Restructuring/revision/syllabus development

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

78%

2.10Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Title of the Programme | Total no. of students appeared | Division | | |  |
| Distinction % | I % | II % | Pass % |
| B.Sc. | 180 | 4.5 | 27 | 17 | 45 |
| B.C.A. | 26 | - | 12 | 77 | 89 |

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

* Dissemination of the activities to be carried out to individual departments
* Monitoring periodic progress
* Analysis period test at college level
* Analysis and remedies for university exam result
* Feedback mid-term or at the end on teachers and curriculum

2.13Initiativesundertaken towards faculty development

|  |  |
| --- | --- |
| Faculty / Staff Development Programmes | Number of faculty benefitted |
| Refresher courses | 03 |
| UGC – Faculty Improvement Programme | - |
| HRD programmes | - |
| Orientation programmes | 01 |
| 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) | 02 |

2.14Details 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 | 06 | 05 | - | - |
| Technical Staff | 43 | 02 | - | - |

**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 PGstudents.

3.2Details regarding major projects

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

3.3 Details regarding minor projects

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Completed | Ongoing | Sanctioned | Submitted |
| Number | 02 | 01 | - | - |
| Outlay in Rs. Lakhs | 3,00,000 | 215000 | - | - |

3.4 Details on research publications

|  |  |  |  |
| --- | --- | --- | --- |
|  | International | National | Others |
| Peer Review Journals | -- | 8 | -- |
| Non-Peer Review Journals | -- | 10 | -- |
| e-Journals | -- | -- |  |
| Conference proceedings | 02 | 07 | 09 Books |

3.5 Details on Impact factor of publications:

1-2

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 |  |  |  |  |

09

3.7 No. of books published i) 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 CE Any Other (specify)

Nil

3.10 Revenue generated through consultancy

3.11No. of conferences organized by theInstitution

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Level | International | National | State | University | College |
| Number |  |  |  |  |  |
| Sponsoring agencies |  |  |  |  |  |

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

06

3.13No. of collaborations International National Any other

00

3.14No. of linkages created during this year

03

3.15Total budget for research for current year in lakhs :

-

3,00,000

From Funding agency From Management of University/College

3,00,000

Total

|  |  |  |
| --- | --- | --- |
| Type of Patent |  | Number |
| National | Applied | Nil |
| Granted | Nil |
| International | Applied | Nil |
| Granted | Nil |
| Commercialised | Applied | Nil |
| Granted | Nil |

3.16No. of patents received this year

3.17No. of research awards/ recognitions received by faculty and research fellows

of the institute in the year

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Total | International | National | State | University | Dist | College |
|  |  |  |  |  |  |  |

3.18No. of faculty from the Institution

10

13

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

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

-

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

JRF SRF Project Fellows Any other

3.21No. of students Participated in NSS events:

02

11

University level State level

National levelInternational level

-

25

-

3.22No.of students participated in NCC events:

01

03

University level State level

-

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 State level

-

04

National level International level

-

-

3.25No. of Extension activities organized

4

University forum College forum

11

04

NCC NSS Any other

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

Responsibility

Almost all the extension activities are linked with the community that sends their children to the college. The NSS units of the college organize winter camp and render various types of social service in the neighbouring villages. These include repair of rural roads, sanitation arrangements, creation of the pollution free environment, awakening of health –consciousness among the illiterate & half literate rural mass, giving advice regarding child rearing etc. Apart from these, extension activities are carried out in the field of family planning, health and hygiene, blood donation, tree plantation, voter awareness, AIDS awareness and consumer awareness campaigns, awareness on road safety and issues.

**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 (≥ 1.0 lakh) during the current year. | - | - | - | - |
| Value of the equipment purchased during the year (Rs. in Lakhs) | - | 899816/- | College | 899816/- |
| Other – Instruments: ICT  Furniture  Solar Lights  Sports | - | 384383/-  178384/-  43500/-53067/- | College | 659334/- |

4.2 Computerization of administration and library

* Administrative wing with fully ERP and MIS
  + Library circulation automated

4.3 Library services:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Existing | | Newly added | | Total | |
| No. | Value | No. | Value | No. | Value |
| Text Books | 44979 | 4999591 | - | 110724 | - | 5110315/- |
| Reference Books |  |  |  |  |  |  |
| e-Books | NLIST |  |  |  |  |  |
| Journals | 23 | 34700/- |  |  | 23 | 41550/- |
| e-Journals | NLIST |  |  |  |  |  |
| Digital Database |  |  |  |  |  |  |
| CD & Video | 357 |  |  |  | 357 | - |
| Others (specify) | 10 |  |  |  | 10 | - |

4.4Technology up gradation (overall)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Total Computers | Computer Labs | Internet | Browsing Centre | Computer Centres | Office | Depart-ments | Class Room |
| Existing | 130 | 30 | 1Mbps Optical fibre lease line | 6 | 36 | 12 | 24 | 09 |
| Added | 14 | 13 | 0 | - | 02 | 03 | - |
| Total | 144 | 43 | Networked | 6 | 36 | 14 | 27 | 09 |

4.5Computer, Internet access, training to teachers andstudents and any other programme for

technologyUp-gradation (Networking, e-Governance etc.)

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

4.6 Amount spent on maintenancein lakhs :

52116/-

i) ICT

1384400/-

ii)Campus Infrastructure and facilities

-

iii) Equipment

35695/-

iv) Others (ordinary repairs)

1472211/-

**Total :**

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

* Awareness programme for the students to make them known about the avenues after graduation.
* Motivated the students for extracurricular activities.
* Recommended the students for summer /winter school programmes in institutions of national repute.
* Other than scholarship, faculty members help the poor & needy with financial support.
* Organized Industrial Tour & Forest visit.
* Freshers programme for new comers
* Students’ grievances redressal mechanism
* Achievers’ Day celebration
* 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

|  |  |  |  |
| --- | --- | --- | --- |
| UG | PG | Ph. D. | Others |
| 1371 | 113 | 13 |  |

5.3 (a) Total Number of students

-

(b) No. of students outside the state

-

(c) No. of international students

|  |  |
| --- | --- |
| No | % |
| 483 | 33 |

|  |  |
| --- | --- |
| No | % |
| 1001 | 67 |

(d) MenWomen

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Last Year | | | | | | | | This Year | | | | | | | |
| General | SC | ST | OBC | PH | SBC | VJ/NT | Total | General | SC | ST | OBC | PH | SBC | VJ/NT | Total |
| 152 | 91 | 19 | 503 | 0 | 21 | 13 | 799 | 238 | 180 | 60 | 951 | - | 32 | 23 | 1484 |

Demand ratio-1:5 (B.Sc.) and 1:2 (M.Sc.)

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

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

204

No. of students beneficiaries

5.5 No. of students qualified in these examinations

-

2

NET SET/SLET GATE CAT

IAS/IPS etc. State PSC UPSC Others

5.6 Details of student counselling and career guidance

* The students’ placement and career guidance cell formed in the beginning of the session. It looks after the placement activities of the students. For the career guidance the motivational talk were arranged periodically. A visit of the psychiatrists for guidance and sort of camping was also arranged.
* Lectures on career guidance in various department

170

No. of students benefitted

5.7Details of campus placement

|  |  |  |  |
| --- | --- | --- | --- |
| On campus | | | Off Campus |
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 01 | 48 | 12 | 34 |

5.8Details of gender sensitization programmes

Organised various lectures under programme Jagar Janiwancha, lectures for integrating gender sensitization issues like Programme on Women’s Rights, Empowerment, Lecture on E- Kranti, Lecture on Cyber securityetc. through College Women’s Cell.

**5.9Students Activities**

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

05

13

-

State/ University levelNational levelInternational level

No. of students participated in cultural events

State/ University level National level International level

05

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

5.10Scholarships and Financial Support

|  |  |  |
| --- | --- | --- |
|  | Number of  students | Amount |
| Financial support from institution | - | 4000/- |
| Financial support from government | 474 | 498771/- |
| Financial support from other sources | - | - |
| Number of students who received ~~International~~/ National recognitions | 04 | Rs. 240000/-/year |

5.11Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

09

5.12No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: 03

**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.

6.2Does the Institution has a management Information System

Yes, the Institution has a management Information System.

(Complete ERP provided by Amyo Technology, Aurangabad)

6.3Quality improvement strategies adoptedby 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 below-

* Celebrated World’s Student Day on 15th Oct 2015
* Conducted a Program on Noble Laureates in Physics was 21st October 2015
* Executed departmental Quiz and Thematic Poster presentation
* Held college level Seminars and group discussion
* Arranged guest lecture on Safety use of Fire extingusher By Mr.Bhratdwaj , Owner of Fir Extengusher agency
* Delivered Guest lecture by Dr. J. G. Mahakhode on Digital India - Addressing about E- waste management.
* Poster and E presentation , Addressed by Mr. S. G. Revatkar, Assitt. Electrical Engg. , MSE-DCL ,Gondia.
* Conducted introduction programme for entry level Student
* Students participated in Tree plantation, Interaction with farmers
* Oganized Guest lecture of Dr. Bhupesh Mendhe, Asst. Prof, Botany Dept. Shankarlal Agarwal College Salekasa.
* Arranged workshop on Soft Skill Development By D V Ravishankar and Shri Hemant Nadegowda IL & FS Company, Noida (UP)
* Two were selected for interuniversity research festival ‘Avishkar – 2015.’
* Training programme arranged for B.Voc. in collaboration with Mitcon consultancy & engineering services Ltd, Nagpur
* Organized industrial and field visits G. V. Beverages LLP, Gondia
* B.Voc. students Visited to Prabhu cold storage, Gondia.
  + On the eve of National science Day, a series of guest lectures organised.

6.3.3 Examination and Evaluation

* Annual/ semester examination by University
* Internal assessment by periodic Unit tests, assignment.

6.3.4 Research and Development

* 18 papers in International / National Journals, 07 papers in Proceedings, 09 books published, 01 project is on-going and some are completed.

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 of employees, while also overseeing organizational leadership and culture and ensuring compliance with employment.

6.3.7 Faculty and Staff recruitment

* 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.

6.3.9 Admission of Students

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

|  |  |
| --- | --- |
| 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 |

6.4Welfare schemes for

-

6.5Total 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?

* Switching of B.Sc. courses from Annual to Semester pattern
* 20% marks contribution on Internal assessment

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

* 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
* Tobacco free campus
* Installation of solar panels
* Cleaned the campus on daily basis.
* Tried to create a zero-waste campus
* Even with extreme space constraints Botany department maintains botanical garden
* 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 yearwhich have created a positive impact on the

functioning of the institution. Give details.

* Monitoring the usage of the interactive boards while teaching
* Green audit

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

beginning of the year

Based on the plan of action at the beginning of the year, the action taken is mentioned in the Annexure II.

7.3Give two Best Practices of the institution

* Fostering scientific temper in young minds

7.4Contribution to environmental awareness / protection

* Green auditing, NSS & Extension activities are based on environmental awareness.

√

7.5 Whether environmental audit was conducted? Yes No

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

**SWOC Analysis of College**

1. Strengths:

* UGC identified ‘College with Potential for Excellence’, Government Aided and NAAC Reaccredited with ‘A’ grade.
* Committed and Visionary Management.
* Academically encouraging atmosphere.
* Dynamic and diverse student population with more than 80% belonging to reserve category
* Qualified, experienced and motivated teaching, administrative and menial staff.
* Adequate Infrastructure for ICT enabled Teaching, Learning, Research and Extension activities.
* Well equipped laboratories
* Strong research output
* Sports, N.S.S. and N.C.C. activities.
* Enough opportunity for vertical and horizontal mobility with UG, PG, COPs, M.Phil., and Ph.D. programmes.
* Good placement in multinational companies
* MoUs with industry partner
* Skill development and entrepreneurship development centre
* Ecofriendly campus
* Very small drop outs

1. Weakness:

* Higher proportion of students with poor economic background.
* Poor communication skills of admitted students.
* Limited academic flexibility since we are implementing University curriculum.
* Few departments offer research projects at UG level.

1. Opportunities:

* Scope for improvement in academic results of UG
* Scope for improvement in sports activities.
* Scope for Inter-institutional student exchange programmes.
* Increase in infrastructural facility in library.
* Strengthening of campus placements.
* Augmentation of consultancy services.
* Networking with alumni.
* Scope do develop technology based farming and processing

1. 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
* Consultancy services

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

**PERSPECTIVE PLAN FOR ACADEMIC YEAR: 2016-76**

**1. Institutional Quality Actions:**

* Academic audit
* Execution of Reassessment and reaccreditation of college by NAAC
* Conduction of faculty welfare programme
* Execution of action plan under CPE scheme of UGC

**2. Academic (Teaching-Learning-Evaluation) & Research:**

* Organization of Course work of Research methodology
* Enhancement of motivational methodologies for advanced learner and slow learner
* Implementation of mentoring scheme
* Up-gradation of laboratories
* Inspiring the students for summer school /scientific programme
* Development of online feedback mechanism

**3. Student Mentoring, Support System, Community Service & Extension Work:**

* Soft Skill Training to the students
* Organization of environment awareness and energy conservation programmes
* Enhancing co-curricular activities
* Promotion of society reach activities

**4. Governance & Innovation:**

* Renovation and infrastructure Up-gradation of Library
* New activities forAlumni Association and Parent Teacher Association.
* Environmental Audit of the College

*Name:Dr. D. S. Choudhary Name:Dr. P.A. S. Naidu*



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

*\_\_\_\_\_\_\_\*\*\*\_\_\_\_\_\_\_*

**Dhote Bandhu Science College, Gondia**

**Annexure I**

**College Academic Calendar 2016-17**

**Semester Pattern**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | **Terms and Vacation** |  |  |
|  | First Term (Odd Semester) | : | 16.06.2016 to 27.10.2016 |
|  | Winter Vacation | : | 28.10.2016 to 27.11.2016 |
|  | Second Term (Even Semester) | : | 28.11.2016 to 30.04.2017 |
|  | Summer Vacation | : | 01.05.2017 to 15.06.2017 |
| **2** | **Admissions** |  |  |
|  | Formation of Admission Committee | : | 18.05.2016 |
|  | First Meeting of Admission Committee | : | 20.05.2016 |
|  | Sale of College Prospectus | : | After the declaration of H.S.C. result (03.06.2016) |
|  | Admission Process | : | 06.06.2016 |
|  | Last date of admission | : | 01.08.2016 |
| **3** | **Academic Session** |  |  |
|  | Preparation of Teaching Plan | : | 16.06.2016 |
|  | Commencement of Theory Periods | : | 16.06.2016 (Semester-3 & 5)/05.07.2016 (Semester-I) |
|  | First Semester Introduction Programme | : | 05.07.2016 to 09.07.2016 |
|  | Commencement of Theory & Practical Periods | : | 10.07.2016 (Semester-I) & For Sem-3, 5: After the declaration of B.Sc. Sem-II & Sem-IV result |
| **4** | **Examination** |  |  |
|  | 1. College Examination |  |  |
|  | Odd Semester Unit Test | : | 22.08.2016 to 16.09.2016 |
|  | Even Semester Unit Test | : | 03.03.2017 to 25.03.2017 |
|  | 1. University Examination |  |  |
|  | Odd Semester Theory Examination | : | 21.10.2016 |
|  | Even Semester Theory Examination | : | 02.05.2017 |
|  | Odd Semester Practical Examination | : | As per University Practical Examination Schedule |
|  | Even Semester Practical Examination | : | As per University Practical Examination Schedule |
| **5** | **College Cultural Activities** |  |  |
|  | College Annual Sports & Cultural Meet 2016 | : | Last week of Dec. 2016 or First week of Jan. 2017 |
|  | Extra Co-Curricular Activities | : | As per schedules received from different sources |
| **6** | **Academic activities** |  |  |
|  | First Sem. Introduction/Orientation Programme-UG | : | 05.07.2016 to 09.07.2016 |
|  | First Sem. Introduction/Orientation Programme-PG | : | August 2016 (After the completion of Admission) |
|  | Conduction of Guest Lecture, Study /Excursion / Industrial tour, Remedial coaching classes, State/ National level Seminars/Conference/Workshop, Science Exhibition, Aviskar, Student seminar, Group discussion, Quiz competition, Poster presentation etc | : | As per schedule submitted by every Department |
| **7** | **NSS Activities** |  |  |
|  | Student Registration | : | August 2016 |
|  | Students Activities | : | From September 2016 |
|  | College Level Student Camp | : | First week of Jan. 2017 |
| **8** | **NCC Activities** |  |  |
|  | Student Admission | : | July 2016; Parade-Fri & Sat (2.00 to 4.30 pm) |
|  | Students Activities Camp | : | As per schedule received from NCC regional office |
| **9** | **IGNOU Study Center** | : | Admission, assignment & Examination scheduled as per programme received from IGNOU Regional Centre, Nagpur. Counseling Every Saturday (3 pm to 6 pm) & Sunday (9 am to 3 pm) |
| **10** | **Community College, B. Voc. & UGC Programme** | : | Admission, Counseling & Examination as per College Academic Calendar. |

**Plan of Action by IQAC/Outcome**

**Annexure II**

|  |  |
| --- | --- |
| **Plan of Action** | **Outcome/Achievements** |
| **1. Institutional Quality Actions:**   * Strengthening Faculty Development Programmes (FDP) * Schematize Innovative practices * Strengthening linkages, collaborations * Intending to initiate need based courses suitable for regional need * Making move towards green energy | * Teachers attended Refresher course, orientation course, winter/summer school programme. * Yoga arranged for the staff members * Planed and executed the innovative practices. * Linkages/collaborations with industries /firms are enhanced for curriculum design, internships, visits, placement of students etc. * Solar lights are installed. Green audit performed. The process of making solar equipped institution is undergoing. |
| **2. Academic (Teaching-Learning-**  **Evaluation) & Research:**   * Organizing UGC/other agencies sponsored National conferences * Strengthening virtual / simulation laboratories * Arranging guest lectures, experts lectures, motivational programmes * Evaluation of the students * Feed back * Inspiring the students for summer school /scientific programme * Up gradation of research labs | * Intra-collegiate Seminar arranged * Every laboratory equipped with projectors and departments are working for establishing virtual laboratories. * Held college level Seminars and group discussion * Arranged guest lecture on Safety use of Fire extinguisher By Mr.Bhratdwaj , Owner of FireExtinguisher agency * Delivered Guest lecture by Dr. J. G. Mahakhode on Digital India - Addressing about E- waste management. * Poster and E presentation , Addressed by Mr. S. G. Revatkar, Assitt. Electrical Engg. , MSE-DCL ,Gondia. * Oganized Guest lecture of Dr. Bhupesh Mendhe, Asst. Prof, Botany Dept. Shankarlal Agarwal College Salekasa. * Arranged workshop on Soft Skill Development By D V Ravishankar and Shri Hemant Nadegowda IL & FS Company, Noida (UP) |
| **3. Student Mentoring, Support System,**  **Community Service & Extension**  **Work:**   * Soft Skill Training to the students * Strengthening the support services to the students * Increasing activities under student welfare schemes. * To organize programmes on Health related issues and gender sensitization * To organize activities related with environment awareness and energy conservation. * Enhancing participation of students in sports and games * Strengthening society reach activities | * Two were selected for interuniversity research festival ‘Avishkar – 2015.’ * Training programme arranged for B.Voc. in collaboration with Mitcon consultancy & engineering services Ltd, Nagpur * Organized industrial and field visits G. V. Beverages LLP, Gondia * B.Voc. students Visited to Prabhu cold storage, Gondia. * On the eve of National science Day a series of guest lectures organised. * Celebrated World’s Student Day on 15th Oct 2015 * Conducted a Program on Noble Laureates in Physics was 21st October 2015 * Executed departmental Quiz and Thematic Poster presentation * Conducted introduction programme for entry level Student * Students participated in Tree plantation, Interaction with farmers |
| **4. Governance & Innovation:**   * Upgrading the Library as a Learning Resource * Identifying strategies to strengthen the connections with alumni (Alumni Association) as well as with parents/guardians (Parent Teacher Association – PTA). * Canteen service initiation * Academic Audit of the College * Environmental Audit of the College | * Renovation of library and access centre is initiated. * Academic audit has been performed. * Green audit of institution is done * Canteen established. |

**FOSTERING SCIENTIFIC TEMPER IN YOUNG MINDS**

**Annexure III**

|  |  |
| --- | --- |
| Title of the practice: | **Fostering scientific temper in young minds** |
| Goal: | The ‘Science Forum Committee’ of Dhote Bandhu Science College, Gondia, under the Institutional Social Responsibility, successfully carried out the Society Reach Extension Programme ‘FOSTERING SCIENTIFIC TEMPER IN YOUNG MINDS’.  The aim of the activity was to encourage the rural school - children to take up basic sciences as their courses. The activity also intended to foster scientific temper and arouse curiosity among them. |
| The Context: | Science and technology has become an integral part of modern society and has entered into the fabric of our community life. Educational institutions are the ideal places for promoting a scientific temperament and attitude among the students through various science programs.  In developing countries like India, science could play a major role in development by building scientific expertise, inculcating rational thinking among the individuals, leading to eradicating of superstitions and social evils. |
| The practice: | A team of teachers – Sneha Jaiswal, Asst. Prof. in Microbiology, Miss. Rupali Khobragade and few students of our college- Ku. Apeksha Jatpele of B. Voc. Semester I, Ku. Nupur Naidu and Ku. Vaishali Bopche of B.Sc. III visited Vishwakarma high school, Murdara, Teh. and Dist. Gondia along with science gadgets and instruments- microscope, petri plates, permanent slides on 12th of December, 2014.  On this day, Miss. Sneha Jaiswal delivered a lecture titled ‘FOSTERING SCIENTIFIC TEMPER IN YOUNG MINDS’, which aimed at inculcating scientific attitude and interest in science among students of 10th standard. The lecture contained concepts of scientific temper, science and its branches, career opportunities in life sciences, physical sciences, and earth sciences, fellowships for science students like National Talent Search, Kishore Vaigyanik Protsahan Yojana, Nationwide Education and Scholarship Test, Department of science and technology, degrees in science and some of the recent developments in science during the year 2014. The team also demonstrated the use of microscope, cultivation of bacteria in the laboratory, etc. |
| Evidences of Success: | After the lecture of about 40 – 45minutes, she had interactive session with attending students. During the interaction, she got an overwhelming response and queries from students’ side which indicated the aroused curiosity among them. Many of them seemed willing to opt for the science stream as their course.  After the demonstration of scientific instruments, the team observed that children’s faces were lit up as if they had got something new.  When students were asked to fill-up feedback forms. They gladly filled them up, and the positive feedback of the school children indicated the success of the program |
| Resources required: | * To reach the venue, the institution was compelled to provide a van, an LCD projector and all necessary e-resources. * Sufficient financial assistance is necessary to ensure that this practice is frequently carried out. This may help involve more number of faculty and students in the programme. * The team who conducts this program also requires an attendant for assistance during the program |
| Contact details: | The Principal  Dhote Bandhu Science College, Gondia (MH)  Pin- 441614  Email- [principal@dbscience.org](mailto:principal@dbscience.org)  Website: [www.dbscience.org](http://www.dbscience.org)  Tel. No. (07182)252623  Fax No. (07182) 252467 |

