**ANNUAL QUALITY ASSURANCE REPORT**

**ACADEMIC SESSION: 2014 - 2015**

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**INTERNAL QUALITY ASSURANCE CELL**

**NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI**

**DISTRICT: CHANDRAPUR - 442902**

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

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

**Part- A**

1. **Details of the Institution**

**1.1 Name of the Institution**

Nilkanthrao Shinde Science and Arts College

**1.2 Address Line 1**

Main Road, Bhadrawati

Bhadrawati

**Address Line 2**

**City/Town**

Bhadrawati

Maharashtra

**State**

**Pin Code**

principalnscollege@gmail.com

442902

**Institution e-mail address**

**(Off)** - 07175 - 265538

**Contact Nos.**

**Dr.S.D.Deo** **(Offi.)** (Upto 27/02/2015)

**Dr.L.S.Ladke** (From 28/02/2015)

**Name of the Head of the Institution**

**Tel. No with STD Code:**

07175- 265538

9421721895

**Mobile :**

**Name of the IQAC Co-ordinator :**

DR.SHASHIKANT RAMRAO SITRE

9881723612

**Mobile :**

Iqacnscollege2014@gmail.com

**IQAC e-mail address:**

**1.3 NAAC Track ID (for ex. MHCOGN 18879) …. MHCOGN 11032 (New) 09656 (Old)**

**1.4 Website address**

http://www.nscollege.ac.in

http:// www.nscollege.ac.in/AQAR201415.docx

**Web –link of the AQAR :**

**For ex. http://www.ladykeanecollege.edu.in/AQAR2013.doc**

**1.5 Accreditation Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.  No | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
| 1. | Ist Cycle | B | 71.50 | Feb. 2004 | 04/02/ 2010 |
| 2. | 2nd Cycle | B | 2.03 | Aug. 2010 | 03/09/2015 |
| 3. | 3rd Cycle | - | - | (APPLIED for IIIrd Cycle) | - |
| 4. | 4th Cycle | - | - | - | - |

19/09/2004

**Restructured with UGC Assistance on ( 01/08/2014)**

**1.6 Date of Establishment of IQAC : DD/MM/YYYY**

**1.7 AQAR for the Year (*for example 2010-11*)**

**2014 - 15**

**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).**

1. AQAR 2010- 2011 - 25-02-2012
2. AQAR 2011 – 2012 - 28-12- 2012
3. AQAR 2012 – 2013 - 20-12-2013
4. AQAR 2013 -2014 - 12-01-2015
5. AQAR 2014-2015 - 08- 07-2015

**1.9 Institutional Status :-**

**√**

University State Central Deemed Private

Affiliated College Yes No

**√**

Constituent College Yes No

**√**

Autonomous College of UGC Yes No

**√**

Regulatory Agency Approved Institution Yes No

**√**

(e.g AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

**√**

Urban Rural Tribal

**√**

**√**

**√**

**√**

Financial Status Grant –in –aid UGC 2 (f) UGC 12 B

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)

N.A.

Gondwana University, Gadchiroli

**1.11 Name of the Affiliating University (*For the colleges*)**

**1.12 Special status conferred by Central/State Government –UGC/CSIR/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**

06

**2.1 No. of Teachers**

**2.2 No. of Administrative/Technical Staff**

03

01

**2.3 No. of Students**

02

**2.4 No. of Management Representatives**

02

**2.5 No. of Alumni**

**2.6 No. of any other stakeholder and**

01

Community representatives

02

**2.7 No. of Employers/Industrialists**

00

**2.8 No. of other External Experts**

**18** (Inclusive of IQAC Co-ordinator)

**2.9 Total No. of members**

**2.10 No. of IQAC meetings held**

09

**2.11 No. of meetings with various stakeholders:** No. Faculty

01

04

01

01

01

**Non Teaching Staff Students** Alumni Others

**√**

**2.12 Has IQAC received any funding from UGC during this year?** Yes No

If yes, mention the amount

**3.00 Lacks**

**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

00

00

00

00

000

(ii) Themes

N.A.

**2.14 Significant Activities and Contributions made by IQAC**

* Restructuring the IQAC team.
* Help to increase in infrastructure of the institution.
* Enhancing the activities of placement cell for the benefit of students.
* Conduction of extracurricular activities throughout the year on time and smoothly.
* To make language laboratory functional for making English language full proof of students and staff.
* To implement Skill Development Programme under Research and Development (R & D) Cell for projecting the research activities of staff members through power point presentations.
* Maintaining the cleanliness of college campus from time to time.
* Smooth functioning of Centre for Higher Learning and Research in Zoology, Physics and Mathematics.
* Starting the work of Documentation of the records in digital format.
* Conduction of various activities and functions throughout the year on time.
* To send letter of Intention to NAAC for 3rd cycle Reaccreditation.

**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*** |
| 1. Restructuring the IQAC team | Done with UGC Assistance. |
| 2. Increase of infrastructure | In Process |
| 3. Career and Counseling Cell | Activated |
| 4. Language Laboratory | Made Functional |
| 5. Skill Development Programme  under R & D Cell | Executed |
| 6. Maintaining the cleanliness of  college campus from time to time | Executed from time to time throughout the year. |
| 7. Smooth functioning of Centre for  Higher Learning and Research in Physics,  Mathematics, Zoology and Botany | Executed |
| 8. Activation of Placement Cell | Activated |
| 9. Conduction of various programmes from time  to time throughout the year | Done satisfactorily. |
| 10. Letter of Intention (LOI) to be sent to NAAC | Sent for Re-accreditation with requisite fee. |

*\** ***Attach - the Academic Calender of the Year as Annexure* (Annexure – I Attached)**

**√**

**2.15 Whether the AQAR was placed in the statutory body** Yes No

**√**

Management Syndicate Any other body

Provide the details of the action taken

*The Annual Quality Assurance Report for the academic session 2014-2015 has been approved by the statutory body of the institution for onward submission to NAAC Bangalore*.

**Part- B**

**Criterion - I**

**I. Curricular Aspects**

* + 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 |
| Ph.D. | 01  (Subjects : Maths, Phy,Zoo, Bot) | 00 | 01 (PhD) | 00 |
| P.G | 02 (M.A.,M.Sc.) | 00 | 02 (MA, MSc) | 00 |
| U.G. | 02  (B.A., B.Sc.) | 00 | 01 (BA) | 00 |
| P.G.Diploma | 01 (PGDCCA) | 00 | 01 | 00 |
| Advanced Diploma | 05(UGC-COC) | 00 | 05 | 05 |
| Diploma | 05 (UGC-COC) | 00 | 05 | 05 |
| Certificate | 05(UGC-COC) | 00 | 05 | 05 |
| Others | 02 | 00 | 02 | 00 |
| Total | 23 | 00 | 22 | 15 |
| Interdisciplinary | 00 | 00 | 00 | 00 |
| Innovative | 00 | 00 | 00 | 00 |

* + 1. **(i) Flexibility of the Curriculum: CBCS/Core/Elective Open/Open Options**

**(ii) Pattern of Programmes :**

|  |  |
| --- | --- |
| Pattern | Number of Programmes |
| Semester | 5 |
| Trimester | 17 |
| Annual | 02 (PGDCCA & Ph.D.) |

**√**

**1.3 Feedback from stakeholders\*** Alumni Parents Employers Students

**√**

**√**

**Mode of Feedback**  Online Manual Cooperating schools(for PEI)

**\* Please provide an analysis of the feedback in the Annexure *( Annexure – III separately Attached)***

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

* **Yes**,
* The syllabus is newly framed for B.Sc.Final Year Sem-V and VI of Gondwana University, Gadchiroli, keeping in view the background of rural students as a part of newly established Gondwana University, Gadchiroli.
* Semester system is adopted by the university for B.Sc.Final.
* Department of Physics and Mathematics organized one day university-level workshop for framing and updating syllabus of B.Sc.III Semester-V and VI of Gondwana University, Gadchiroli and has adopted Semester pattern.

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

* Centre for Higher Learning and Research in Botany (CHLR) was established at N.S. Science and Arts College in Bhadrawati for doing Ph.D. work in Botany subject as approved by Gondwana University, Gadchiroli (Letter No. : CHLR- 12/02/2015) Gondwana University, Gadchiroli.

**Criterion - II**

**2. Teaching, Learning and Evaluation**

**2.1 Total No. of**

**Permanent faculty**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total | Asst. Professors | Associate Professors | Professors | Others |
| 19 | 18 | 01 (Principal) | 00 | 00 |

12

**2.2 No. of Permanent Faculty with Ph.D**

**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 |
| Science | - | 03 | 01 | - | - | - | 01 | Nil | 01 | 03 |
| Arts | 06 | 08 | - | - | - | - | - | - | 06 | 08 |

**2.4 No. of Guest and Visiting Faculty and Temporary Faculty**

13 UG

15 PG

Guest & Visiting Temporary

00

(C.H.B)

**2.5 Faculty participation in conferences and symposia: Session 2013-2014**

|  |  |  |  |
| --- | --- | --- | --- |
| No. of Faculty | International Level | National Level | State Level |
| Attended | 02 | 19 | 02 |
| Presented papers | 02 | 14 | 02 |
| Resource Persons | - | - | 01 |

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

* Use of power point presentations as a effective medium of teaching.
* Field visits for enhancing knowledge of students.
* Industrial visits/Study tours for interaction with outer atmosphere.
* Student’s seminar organization.
* Group Discussion.

**2.7 Total No. of actual teaching days**

**193**

**during this academic year**

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

* Question banks of all the subjects are prepared for every subject and provided to students before the onset of university examinations.

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

|  |  |  |
| --- | --- | --- |
| 0 | 1 | 0 |

**2.10 Average percentage of attendance of students**

80%

**2.11 Course/ Programme wise distribution of pass percentage (2014-2015 SESSION)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Title of the**  **Programme** | **Total No. of**  **students**  **appeared** | **Division** | | | | |
| **Distinction%** | **I%** | **II%** | **III%** | **Pass %** |
| B.SC.I- S-I | 194 |  |  |  |  | 13.40% |
| B.SC.I- S-II | 136/21 | - | - | - | - | 15.44% |
| B.SC.I-S-III | 73 | - | - | - | - | 16.44% |
| B.SC.-I-S-IV | 53/10 |  |  |  |  | 18.17% |
| B.SC.-I-S-V | 13/7 | - | - | - | - | 54.55% |
| B.SC.-I-S-VI | 33/13 | - | - | - | - | 39.39% |
| B.A.-I-S-I | 454 | - | - | - | - | 14.54% |
| B.A.-I-S-II | - | - | - | - | - | - |
| B.A.-I-S-III | 128 | - | - | - | - | 28.91% |
| B.A.-I-S-IV | 111/89 | - | - | - | - | 71.17% |
| B.A.-I-S-V | 56 | - | - | - | - | 28.57% |
| B.A.-I-S-VI | 53/22 | - | - | - | - | 41.51% |
| PGDCCA |  |  |  |  |  |  |
| M.SC.-S-I ZOO | 11/04 |  |  |  |  | 36.36% |
| M.SC.S-II ZOO | 09/01 |  |  |  |  | 11.11% |
| M.SC.-S-III ZOOL | 03/01 |  |  |  |  | 33.33% |
| M.SC.-S-IV ZOO | 03/02 | - | - | 01 | - | 66% |
| M.SC.-S-I BOT | 09/01 |  |  |  |  | 11.11% |
| M.SC.S-II  BOT | 04/03 |  |  |  |  | 75% |
| M.SC.S-III-BOT | 03/02 |  |  |  |  | 66% |
| M.SC.S-IV BOT | 03/03 |  |  |  |  | 100% |
| M.SC.S-IV BOT |  |  |  |  |  |  |
| M.SC.S-I CHEM | 16/01 |  |  |  |  | 6.25% |
| M.SC.S-II CHEM | 14/02 |  |  |  |  | 14.28% |
| M.SC.S-III CHEM | 04/01 |  |  |  |  | 25% |
| M.SC.S-IV CHEM | 02/01 |  |  |  |  | 50% |
| M.SC.S-I MATHS | 24/04 |  |  |  |  | 16.67% |
| M.SC.S-II MATHS | 21/13 |  |  |  |  | 62% |
| M.SC.S-III MATHS | 10/02 |  |  |  |  | 20% |
| M.SC.S-IV MATHS | 09/06 |  |  |  |  | 67% |
| M.SC.S-I PHY | 10/02 |  |  |  |  | 20% |
| M.SC.S-II PHY | 10 | - | - | - | - | 20% |
| M.SC.S-III PHY | 06/02 |  |  |  |  | 33.33% |
| M.SC.S-IV PHY | 06/02 | - | - | - | - | 33.33% |
| M.A. S-I HIST | 26 | - | - | - | - | 38% |
| M.A.S-II HIST | 20 | - | - | - | - | 55% |
| M.A.S-III HIST | 11 | - | - | - | - | 63% |
| M.A.S-IV HIST | 11 | - | - | - | - | 81.82% |
| M.A.S-I POL | 42/32 |  |  |  |  | 86% |
| M.A.S-II POL | 42/34 |  |  |  |  | 88.2% |
| M.A.S-III POL | 23/23 |  |  |  |  | 100% |
| M.A.S-IV POL | 23/15 |  |  |  |  |  |
| M.A.S-I GEO | NIL |  |  |  |  |  |
| M.A.S-II GEO | NIL |  |  |  |  |  |
| M.A.S-III GEO | 05 | - | - | - | - | 80% |
| M.A.S-IV GEO | 04 | - | - | - | - | 100% |
| M.A.S-I MAR | 32/27 |  |  |  |  | 84% |
| M.A.S-II MAR | 33/31 |  |  |  |  | 93.94% |
| M.A.S-III MAR | 08/05 |  |  |  |  | 62.50% |
| M.A.S-IV MAR | 07/05 |  |  |  |  | 71.43% |
| M.A.S-I ENG | 28/01 |  |  |  |  | 3.57% |
| M.A.S-II ENG | 01/01 |  |  |  |  | 100% |
| M.A.S-III ENG | 02/01 |  |  |  |  | 50% |
| M.A.S-IV ENG | 02/01 |  |  |  |  | 50% |
| M.A.S-I-SOC | 42 | - | - | - | - | 54.76% |
| M.A.S-II SOC | 42 | - | - | - | - | 71.42% |
| M.A.S-III SOC | 05 | - | - | - | - | 60% |
| M.A.S-IV SOC | 05 | - | - | - | - | 37% |

**2.12 How does IQAC contribute/ Monitor/ Evaluate the Teaching & Learning Processes**

* After completion of every unit, the unit tests were conducted for UG students of college for every subject by respective teachers.
* Internal assignments based on syllabus are given to students which are collected and evaluated by respective teachers as per the directives of Gondwana University.
* Student’s seminar is conducted in PG courses of Gondwana University.
* Regular interaction and feedback is taken from research scholars doing their Ph.D. in Zoology, Physics and Mathematics by Director of R & D Cell of our college.
* Enhancing the competence building of teachers through improvement at their respective levels by adopting the skill development programme started as an innovative idea by R & D Cell.
* Interaction with students after completion of every unit regarding solving their difficulties through teachers
* Monitoring, Evaluation and co-ordination of the Sports activity through IQAC.

**2.13 Initiatives undertaken towards faculty development (2014 – 2015)**

|  |  |
| --- | --- |
| **Faculty/Staff Development Programmes** | **Number of faculty**  **Benefitted** |
| **Refresher Courses** | 02 |
| UGC-Faculty Improvement Programme | 00 |
| HRD Programmes | 00 |
| Orientation Programmes | 00 |
| Faculty Exchange Programme | 00 |
| Staff Training Conducted by the University | 03 |
| Staff Training conducted by other institutions | 01 |
| Summer/Winter Schools, workshops etc. | 00 |
| Others | 00 |

**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 | 03 | NIL | NIL | 03 |
| Technical Staff | 03 | NIL | NIL | NIL |

**Criterion – III**

**3. Research, Consultancy and Extension**

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

1. Under the dynamic leadership of **Dr.Kartik N. Shinde** Research and Development Cell is established and research activities of staff are highlighted through power point presentations and a inventory is prepared.
2. The staff is motivated for writing minor and major research project proposals and the research papers in reputed journals.
3. Inspired the teachers to attend and participate in conferences and present their research papers.
4. Providing research centre and requisite facilities for Maths, Physics, Botany and Zoology to enhance the research climate in the institution.
5. Encouraged teachers to become research supervisors of Gondwana University, Gadchiroli.
6. Felicitation of newly awarded Ph.D. Degree holders of the institutional staff.

**3.2 Details regarding Major Projects**

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

**3.3 Details regarding Minor Projects**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Completed | Ongoing | Sanctioned | Submitted |
| Number | - | - | 02 | NIL |
| (Outlay in Rs. Lacks | - | - | Rs. 2.75 Lacks | NIL |

**3.4 Details on research publications**

|  |  |  |  |
| --- | --- | --- | --- |
|  | International | National | Others |
| Peer Review Journals | 6 (KNS) | 2 (SRS)+2(PMW) |  |
| Non- Peer Review Journals |  |  |  |
| e-Journals |  | 4 (SRS)+2(PMW) |  |
| Conference Proceedings |  | 3 (SRS) |  |

**3.5 Details on Impact Factor of Publications:**

10

06

1.5

1-5

Range Average h-index Nos. in SCOPUS

**3.6 Research funds sanctioned and received from various funding agencies, industry and other Organizations**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nature of the Project** | **Duration**  **Year** | **Name of the funding Agency** | **Total Grant Sanctioned** | **Received** |
| Major Projects | NIL | NIL | NIL | NIL |
| Minor Projects | 2014-2015 | Forest Department, Nagpur | 2.75 Lacs  (Dr. N.V. Harney) | 2.75 Lacs |
| Interdisciplinary Projects | NIL | NIL | NIL | NIL |
| Industry Sponsored | NIL | NIL | NIL | NIL |
| Projects Sponsored by the University/College | NIL | NIL | NIL | NIL |
| Students research Projects*(other than compulsory by the University)* | NIL | NIL | NIL | NIL |
| Any Other (Specify) | NIL | NIL | NIL | NIL |
| **Total** | 01 | - | 2.75 Lacs | 2.75 Lacs |

01

08

**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)

**UGC Assistance under XIIth plan Grants**

-

-

NIL

**3.10 Revenue generated through consultancy**

**3.11 No. of Conferences Organized by the Institution**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Level | International | National | State | University | College |
| Number | NIL | **01**  **(Chemistry )** | NIL | NIL | NIL |
| Sponsoring agencies | NIL | UGC,  New Delhi. | NIL | NIL | NIL |

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

01

00

00

01

**3.13 No. of collaborations** International National Any other

01

**3.14 No. of linkages created during this year**

**3.15 Total budget for research for current year in lacks:**

84361/-

From Funding Agency From Management

**2.75 Lacks**

of University / College

**3, 59,361/-**

**Total:**

**3.16 No. of Patents received this year**

|  |  |  |
| --- | --- | --- |
| Type of Patent |  | Number |
| National | Applied | NIL |
|  | Granted | NIL |
| International | Applied | NIL |
|  | Applied | NIL |
| Commercialized | 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 +01=03** | 01 | - | 02 | - | - | - |
|  |  |  |  |  |  |  |

**3.18 No. of faculty from the institution**

06

**who are Ph.D Guides and students**

**registered under them**

**3.19 No. of Ph.D. awarded by faculty from the institution**

NIL

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

00

00

JRF SRF Project Fellows Any Other

00

00

**3.21 No. of students participated in NSS Events:**

00

University Level State level

50

00

00

National Level International Level

**3.22 No. of students participated in NCC events:**

University Level State level

03

50 50

National Level International Level

00

01 001

**3.23 No. of Awards won in NSS :**

00

00

University Level State level

00

00

National Level International Level

**3.24 No. of Awards won in NCC:**

00

00

University Level State level

00

National Level International Level

01

**3.25 No. of Extension activities organized:**

University forum College forum

00

00

03

03

NCC NSS Any Other

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

* Village cleanliness drive organized under NSS camp at village Chora in Bhadrawati Tehsil of Chandrapur district.
* Donation Collection Rally organized for Flood affected people of Jammu and Kashmir in Bhadrawati town by students and staff and the amount collected is submitted to Collector Chandrapur district for onward submission to National Relief Fund.
* NSS Camp conducted in Village Chora of Bhadrawati tehsil of Chandrapur district for students social awareness increasing.
* Blood donation camp organized with NSS Volunteers.
* Tree plantation by NCC students at Parade Ground.
* Social service – “ Polio Drop Campaign” participation by students of NCC.

**Criterion – IV**

**4. Infrastructure and Learning Resources**

**4.1 Details of increase in infrastructure facilities (2014-2015)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Facilities** | **Existing** | **Newly Created** | **Source of Fund** | **Total** |
| Campus area | 3.00 Acre | - | - | - |
| Class rooms | 11 | - | - | - |
| Laboratories | 12 | - | - | - |
| Seminar Halls | 01 | - | - | - |
| No. of important equipments purchased ( 1-0 lakh ) during the current year | 187 | 50 |  |  |
| Value of the equipment purchased during the year (Rs. In Lakhs) | 3742001=75 | 1071250/- | UGC Additional Assistance to college Grants |  |
| Others | - |  |  | - |

**4.2 Computerization of administration and library**

1. **Administration** – CMS Software Installed for Admissions and Finance.
2. **Examinations** – MKCL assistance.
3. **Library** – Partially Computerized using LIBMAN Software.

**4.3 Library Services:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *Existing* | | *Newly added* | | *Total* | |
|  | No. | Value | No. | Value | No. | Value |
| **Text Books** | **12384** | **4689954** | **1401** | **363385** | **13785** | **5053339** |
| **Reference Books** |
| e-Books | - | - | - | - | - | - |
| **Journals** | **562** | **28010** | **378** | **48150** | **940** | **76160** |
| Digital Database | - |  |  |  |  |  |
| CD & Video | - | - | - | - | - | - |
| Others  (Magazine) | - | - | - | - | - | - |

**4.4 Technology up gradation (Overall)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
| Existing | 62 | 29 | - | 06 | - | 07 | 08 | 01 |
| Added | 01 | - | 12 | - | - | - | - | 01 |
| Total | 63 | 29 | 12 | 06 | - | 07 | 08 | 01 |

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

* Network resource centre is established with UGC funding under XIth plan grants and internet connections are provided for computers for students and staff use.
* Office administration computers are connected through LAN and Wifi-system for better office management.
* IQAC Office is Wi-Fi with broadband connectivity.
* Principal’s office is having its own computer setup.

**4.6 Amount Spent on maintainance in Lakhs :**

i) ICT

91,550/-

75,727/-

ii) Campus Infrastructure and facilities

20,000/-

iii) Equipments (UGC Eqpt. Maintenance Facility)

2, 68,202/-

iv) Others

4, 55,479/-

**Total :**

**Criterion – V**

**5. Student Support and progression**

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

* Through display on college notice board from time to time.
* Awareness created through staff individually.
* Through regular students notices by Principal which were read at classes.
* Announcements at different programmes of the college functions from time to time.
* Making students aware about various scholarships available from different sources.
* Through awareness drives i.e. Through interaction with students.

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

* Identification of weaker students in different studies through periodic test conduction and their personal counseling through remedial coaching classes.
* Feedback is taken from students through interaction regarding their difficulties.
* Student counseling and rectification of their academic difficulties from time to time by respective teachers.
* Interaction of principal with students from time to time.

**5.3 (a) Total Number of Students: 1277 (Including Ph.D.)**

|  |  |  |  |
| --- | --- | --- | --- |
| **UG** | **PG** | **Ph.D.** | **Others** |
| 913 | 364 | 10 | - |

NIL

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

NIL

**(C) No. of international students**

No. %

**480 37.58**

348

No. %

**797 62.41**

Men Women

**Demand Ratio: UG – 1 : 0.55 PG – 1 : 0.9 Dropout % -**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Year (2013-14)** | | | | | **Total** | **This year (2014-15)** | | | | | **Total** |
| General | SC | ST | OBC | Physically  Challenged |  | General | SC | ST | OBC | Physically Challenged |  |
| 53 | 235 | 94 | 435 | - | **817** | 63 | 255 | 198 | 602 | - | **1118** |

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

* Students use book for competitive examinations under UGC centre established in UGC XIth plan.
* Assistance for preparation of competitive exams is provided through NGO’s.

**No. of student beneficiaries**:

12

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

-

NET SET/SLET GATE CAT

-

-

-

-

-

-

-

IAS/IPS etc. State PSC UPSC Others

**5.6 Details of student Counseling and Career Guidance**

* The cell has actively counseled 8 students for post graduate admissions and also guided them regarding job opportunities in respective fields.
* The cell has arranged 2 invited talks for the benefit of college students.
* The cell has continuously gathered the information on job avenues and made it available to students throughout the year.
* The student counseling on academics was done throughout the year.

No. of students benefited :

22

**5.7 Details of campus placement**

|  |  |  |  |
| --- | --- | --- | --- |
| On campus | | | Off Campus |
| Number of organizations visited | Number of Students participated | Number of students placed | Number of students placed |
| **01 (Jet Kingdom Estate India)** | 14 | NIL | NIL |

**5.8 Details of gender sensitization programmes**

* The annuel college magazine “Shabdashilp” for the academic session 2013-2014 was based on theme “Striyanvaril Attyachar” bagged the 3rd prize in competition organized by Gondwana University, Gadchiroli.

**5.9 Student Activities**

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

NIL

09

64

State/University Level National Level International Level

No. of students participated in cultural events

State/ University Level National Level International Level

NIL

NIL

06

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

09

64

Sports: State/University level National level International Level

NIL

NIL

NIL

06

Cultural: State/University Level National Level International Level

**5.10 Scholarships and financial Support**

|  |  |  |
| --- | --- | --- |
|  | Number of students | Amount |
| Financial support from institution | 26 | Rs. 17,100/- |
| Financial support from government | 561 | Rs 38,71,618/- |
| Financial support from other sources | Nil | NIL |
| Number of students who received International/national recognitions | Nil | Nil |

**5.11 Student Organized / Initiatives**

0

0

0

Fairs: State/University level National Level International level

0

0

0

Exhibition: State/University Level National Level International Level

02

**5.12 No. of social initiatives undertaken by the students**

**5.13 Major grievances of students (if any ) redressed**: ***NO GRIEVANCES OF STUDENTS***

***REPORTED IN THE ACADEMIC SESSION***

***2014-15.***

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.1 State the Vision and Mission of the Institution**

**VISION:**

* Production of good students, good civilians, good society which creates a developed nation.

**MISSION:**

* To provide higher education to every student of Bhadrawati and periphery.
* To provide quality education.
* To produce good patriotic and responsible civilians and good society to build healthy society and nation.

**6.2 Does the Institution has a Management Information System**

* Yes
* The system is active and is in use by college administrative office.

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

**6.3.1 Curriculum Development**

* The curriculum development is a part of university activity and only board of studies members can actively take a part in it.
* After formation of Gondwana University, Gadchiroli the staff members suggested some improvements which are incorporated in syllabus framing workshops during Semester V and VI.

**6.3.2 Teaching and Learning**

Use of advanced teaching and learning modules like LCD and Interactive teaching were utilized effectively apart from the conventional methods of teaching through chalk and board.

**6.3.3 Examination and Evaluation**

* Periodic class tests,
* Assignments and
* seminars

are conducted by staff members and based on evaluation, feed back is provided to students and then remedial coaching classes arranged for weaker students.

**6.3.4 Research and Development**

* Skill development programme is undertaken to share research amongst staff members for overall confidence building.
* Ph.D. students are working for their respective topics in Zoology, mathematics, Physics and Botany.

**6.3.5 Library, ICT and Physical Infrastructure/ Instrumentation**

* Increase in text and reference books for UG and PG students and increase of journals for Ph.D. students was periodically done.
* LCD’s were provided for power point presentations.
* List of instruments increased in each and every department based on need.

**6.3.6 Human Resource Management**

* College level committees were established for looking into various academic, administrative and research affairs.
* Conduction of periodic meetings of staff for solving the departmental difficulties.

**6.3.7 Faculty and Staff Recruitment**

Staff on C.H.B is as per available workload in various departments as approved by Gondwana university, Gadchiroli.

**6.3.8 Industry Interaction/Collaboration**

Field visits were periodically conducted for enhancing the industry interaction of students by Chemistry department.

**6.3.9 Admission of Students**

TOTAL ADMISSION IN SESSION 2013-2014: **1277**

**6.4 Welfare Schemes for**

|  |  |
| --- | --- |
| Teaching | NIL |
| Non Teaching | NIL |
| Students | SCHOLARSHIPS |

NIL

**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 | NO | - | NO | - |
| Administrative | YES | Joint Director Office, Nagpur Division | Yes | Through college level auditor every year. |

**6.8 Does the University/ Autonomous College declares 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?**

Conduction of workshops for teachers by university.

**6.10 What efforts are made by the University to promote autonomy in the**

**Affiliated/constituent colleges?**

Instructed for NAAC accreditation and enhancement of standards of the institution as a first step.

**6.11 Activities and support from the Alumni Association**

Alumni meet was held for the betterment of the institution.

**6.12 Activities and Support from Parent- Teacher Association**

Parent teacher’s association meet was organized for future planning and betterment of institutions.

**6.13 Development Programmes for Support Staff**

* Teachers sent to orientation/refresher/short term courses for capacity building in their respective fields.
* Teachers sent to seminar /conferences for upgrading their presentation skills.

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

* Plantation of lush green trees in the campus for increasing the aesthetics.
* Plantation of flowering plants for increasing the aesthetics and subject knowledge of students and increasing their love towards flowering plants.
* Burning of garbage fully stopped in college premises.
* Vermicomposting of garden waste started in the campus.
* Partial water harvesting exalted.

**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.**

* Internet facility provided to teachers for power point presentations
* Requirements of each and every department fulfilled in time.
* New display boards installed for better student facility provision.

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

* To provide the needed facilities as per demand to teaching and non teaching staff as and when need arises.
* Other administrative measures taken to enhance the functioning of office administration.
* Laboratory materials supplied in time as per need of the department for practicals conduction.
* Enhancing the campus cleanliness.
* Increasing plantations in the campus.
* Felicitation of meritorious students.

**7.3 Give two Best Practices of the Institution (Please see the format in the NAAC Self Study Manuals)**

* Counseling of students.
* College distributes college level scholarships to meritorious students every year in Arts and Science stream.

\* Provide the details in annexure (*annexures need to be numbered as I,ii,iii)* **(Attached Annexure – II)**

**7.4 Contribution to environmental awareness/protection**

* Imbibing the values of utility of tree plantation in students for future generations.
* B.Sc. and B.A.II students sensitized on environmental issues through syllabus of “Environmental Studies” as a separate subject.
* Organization of tree familiarization programme for students of B.A. & B.Sc. through environmental awareness cell of college.

**√**

**7.5 Whether Environmental Audit was conducted** Yes No

**7.6 Any other relevant information the institution wishes to add (for example SWOT**

**Analysis)**

1. Well maintained botanical garden for increasing aesthetic beauty and botanical studies for UG and PG Botany.
2. Started the language laboratory for students “English language improvement” with assistance of U.G.C.
3. SWOC analysis of staff is done.

**8. Plan of the Institution for next Year (Session: 2015 – 2016 )**

1. Updation of college web site [www.nscollege.as.in](http://www.nscollege.as.in) from time to time.
2. Electric Bell installation for time management of periods.
3. Intercom system installation for speedy decision making and saving time and energy of staff.
4. Deciding on theme of college magazine “Shabdashilp” for the session 2015 - 2016.
5. Staff recruitment in respective departments.
6. Increasing the Ph.D. students in various subjects of CHLR .
7. Appointment of Assistant professor in Chemistry department.
8. Conduction of various college level programmes from time to time.
9. Conduction of presentations of Ph.D. students of CHLR
10. Enhancing and upgrading the drinking water facility in the campus for students.
11. Conduction of NSS Camp for college students.
12. Starting a multidisciplinary online open access journal of college for promoting research culture in the staff.
13. Revenue generation for corpus fund through mushroom culture, vermiculture and Bakery products.
14. Renovation of botanical garden with plating of plants.
15. Making Wi-Fi Campus.
16. Installation of smart board (Effective teaching learning preccess).
17. Major Research Project Submission.
18. National Conference proposals finalization and submission to funding agencies.
19. Renovation of Ladies(student) Common Room.
20. Renovation of existing Building by Painting.
21. Numbering the college room serially.
22. Enhancing the activity of Alumni – association of the college.
23. Writing and submission of SSR to NAAC for 3rd cycle of reaccreditation.
24. NAAC peer team visit finalization and welcoming team.
25. CHLR in chemistry .
26. CHLR in Geography proposal submission in Arts faculty.
27. Renovation of principal’s office
28. Renovation of Geography Department.
29. Motivation of students through prizes by mgt and teaching staff.
30. Increasing the campus selections.

Name: **Dr.Shashikant R.Sitre** Name: **Dr.Lemraj S. Ladke**

Signature of the Signature of the

Co-ordinator of IQAC Chairperson of IQAC

**Date :**

**Place : Bhadrawati.**

**ANNEXURE-I**

**ACADEMIC CALENDER**

**N.S.SCIENCE AND ARTS COLLEGE, BHADRAWATI**

**SESSION- 2014-2015**

|  |  |
| --- | --- |
| **Date** | **Event** |
| 16/6/2014 | Commencement of New Academic Session 2014-2015 of Gondwana University, Gadchiroli |
| 12/6/2014 | UGC Network Resource Centre Opening for Students of N.S.College, Bhadrawati |
| 10/7/2014 | NSS Inauguration |
| 5/8/2014 | Last Date of Admission (First Term Odd Semester) |
| 9/8/2014 | Ramzan Id (Holiday) |
| 15/8/2014 | Independence Day Flag Hoisting Function. |
| 5/9/2014 | Teachers Day Celebration |
| 29/09/2014 | Flood Relief Rally for J & K. |
| 1/10/2014  To  7/10/2014 | Wild life Week begins. |
| 2/10/2014 | Gandhi Jayanti (Holiday) |
| 20/10/2014 | National Integration Day |
| 20/10/2014  To  19/11/2014 | Diwali Vacation (Winter Vacation) |
| 10/11/2014 | Commencement of Winter Examinations of Gondwana University |
| 14/11/2014 | Moharrrum |
| 26/11/2014 | Samvidhan Divas |
| 2/12/2014 | Second Term Start –Gondwana University |
| 6/12/2014 | Dr.Babasaheb Ambedkar Mahaparinirvan Din |
| 25/12/2014 | Christmas (Holiday) |
| 3/1/2015 | Savitribai Fuley Jayanti |
| 13/1/2015  To  19/1/2015 | NSS Camp Chora, Dist - Chandrapur |
| 26/1/2015 | Republic Day (Holiday) |
| 27/1/2015 | Environmental Studies Exam of B.A.and B.Sc.II Studenst of N.S. college |
| 28/02/2015 | National Science Day |
| 8/3/2015 | International Women’s Day |
| 8/4/2015 | Commencement of Theory Exams of Gondwana University |
| 11/4/2015 | Mahatma Fuley jayanti |
| 1/5/2015  To  14/6/2015 | Summer Vacation – Gondwana University Gadchiroli. |

**ANNEXURE - II**

**BEST PRACTICES OF THE INSTITUTION**

* Counseling of students
* Distribution of college level scholarships to meritorious students in Arts and Science stream for boosting the morale of students.
* Providing supports students for sports activities, (financial supports).

**ANNEXURE-III**

**ANALYSIS OF FEEDBACK FROM STAKEHOLDERS**

**FEEDBACK FROM STUDENTS:**

* Cleanliness of college classrooms
* Cleanliness of toilets and washrooms
* Drinking water facility upgrading.
* Fans in the class rooms to be increased.
* Common room for girls is needed.
* Spitting in the classrooms and verandah is to be prohibited.
* Increase of library books
* Bell after every period is necessary.
* Identity card for Students is to be provided.

**FEEDBACK FROM PARENTS**

* Field visits for students to be increased.
* Interaction with parents three monthly required
* Discipline amongst students is to be enhanced.
* Increase of class rooms needed.
* Furnishing the auditorium for effective meetings.