

PRINCIPAL'S ANNUAL REPORT (2020-21)

I feel really honored to present the Annual report of guru Nanak college of science, Ballarpur for the academic year 2020- 2021. First and foremost, I would like to thank God Almighty for all the blessings showered upon us. I am feeling very pleased and proud in presenting a brief report of the college in front of all of you.

* Modern age is an age of science and advanced technology. In this fast moving age in which the world is becoming a global village, education is must to identify our-self universally. **‘Gaining knowledge is the first step to Wisdom and sharing it is the first to Humanity’**. Science plays the pivotal role in causing this change predominantly in the direction of progress.

Guru Nanak College of Science, Ballarpur is an Academic and intellectual face of Guru Nanak Sewa Samiti Virur. It is gratifying to note that with the hard and persistent efforts of Late Sardar Ajit Singhji Soni it has been possible to establish a Co-educational **single faculty science college** in the year **1971** at Ballarpur, one of the backward regions of Chandrapur district, which comes under the tribal belt. It is through their patronage help and active support the college started functioning from 20th June 1971 with the motto **“विद्या विचरी तो परोपकारी ”** with a view to impart **Science Education** to the rural and semi urban students of Chandrapur and Gadchiroli district.

Guru Nanak Devji said **“Education is self realization and service of self ”**. The college has the privilege and honor to inform you that, the then Minister for Information & Broad Casting Hon. Shri. I. K. Gujral, laid the foundation stone of the college. Right from 1971 the college has been endeavoring to propagate Science to the masses in this town and surrounding area of Chandrapur and Gadchiroli district.

In accordance with the above motto (our) this institutions has diversified academic Programmes and has given more emphasis on the curricular and co- curricular aspect. Considering the industrial needs of the area and the recent trends in the field of science, the college has introduced various courses from time to time during the last four decades. This institution has a track record of its academic excellence at different levels. The co-curricular programme has an expectation for all staff to contribute. We provide quality sports, arts and cultural programmes. This is a great College with fantastic opportunities for both students and staff. The staff works hard to provide exciting learning opportunities for this community.

The college continuously marching ahead with its well qualified and devoted staff under the able guidance of the beloved now President Sardar Naginder Singhji Soni. The sole aim of this college is to impart science education and help students to pursue higher education and employment. The college started Pre University and 3 year degree course in science with 91 students and five subjects. This single faculty Science college has now feather in the cap with 450 students in degree section and about 500 students in the junior section and ten subjects. The college has Junior wing (XI & XII), Senior wing degree course and post graduate wing for Chemistry. The college has well equipped laboratories to conduct various experiments in Chemistry, Physics, Botany, Zoology, Microbiology, Geology, Bio-chemistry, Biotechnology, Electronics and Computer Science.

The college is creating, world class human resources in the form of scientist, administrators’ managers, doctors, engineers, teachers and the skilled hands for almost every field. Guru Nanak College of Science, Ballarpur was previously affiliated to RTM Nagpur University, Nagpur and from 2012 it is affiliated to Gondwana University, Gadchiroli. This college is recognized by UGC under Act 2 (f) and 12 (B). The College Campus is spread in about 4.5 acres of land.

- Faculty members of our college are learned, highly qualified & actively involved in research and innovation.
- Fifteen faculty members are doctorate, 3 are pursuing Ph.D., Three faculty members are M. Phil and 9 faculty members are NET / SET
- Two Our faculties represent as Chairman and members of the University Board of studies (BOS) of different subjects, the faculty members., Academic Council members etc. The BOS members designs the syllabus for UG & PG and participates in setting and moderations of questions papers of universities.
- Many faculty members have attended and Presented research paper in National and International conferences. Some have visited foreign countries to present research papers and delivers invited talks in International conferences.
- Dr. B.M. Bahirwar visited London UK, Stolkhome Sweden, Miami US and Busan South Korea, Dr. Gond visited Thialand. Dr. P. S. Katkar has done his Ph.D. from University of Rome, Italy in Molecular Biology. He has been awarded young Researcher in life Science by Pasteur Institute Paris France. Dr. Amol Nande Ph. d. from New Zealand, London and Europe. Recently Dr. Sheetal Jambhule, Dr. N. S. Dudhe been awarded with Ph. D. by RTM Nagpur University and Dr. M. D. Tawade has been awarded with Ph. D. by Gondwana University. Many faculty of our college are Supervisors (guide) for Ph. D. students.
- We are very much proud of our students who secured merit position in Board and University exams. The Students of Jr. College, Sr. College and P.G. Dept. of Chemistry every year secure merit positions Examinations. This year Mr. Pratham yadav, Secured 87% in H.S.C. Exam and stood first in the College. Three students are in merit list of Gondwana University, Ku. Nikita Mulchandani secured 1st, Ku. Sahiti Chenna secured 3rd and Mr. Shoeib Sheikh 4th merit position in B. Sc. Examinations.
- Guru Nanak College of Science, Ballarpur an academic face of Guru Nanak Sewa Samiti, Virur has become an educational hub. While catering to the educational needs of rural populace and inculcating social values amongst the students the college is also equally in the forefront of spreading environmental awareness in this highly polluted area.

Our Institution encourages students and provides guidance to them from time to time for higher learning. The career counseling cell encourages the student to appear for various competitive examinations. Keeping in view of need of employment. Career guidance cell tried at their best to give opportunities to the students of college to face interviews and written test of various companies.

- The college has a rich library enriched with reference books, text book, journals, periodicals, Newspapers, Magazines, e-books etc. Internet facilities IMFLIBNET has made available in library for the staff and the students.

* Physical education plays an important role to enhance & enrich individual's personality. We have provided maximum facilities for outdoor as well as indoor games. Our College has spacious playgrounds and all major foreign and Indian games are organized to build up health of the of students.

* Besides Physical Education, there are N.S.S. and N.C.C. units for increasing the attitude of social services and National Services among students. In the training year 2018-19 17 NCC cadets were appeared for NCC C cert Exam. Amongst these 6 cadets got alpha grade, which is very prestigious for college. Students are actively participated in various activities, like tree plantation, Shram Dan, Health awareness programme, Blood Donation Camp etc NSS & NCC units..

Our College is very particular about two fundamental things. First the teacher's attitude towards their own role in education and a deeper understanding of how student can be prepared for facing challenges.

ACADEMICS

Academics is the core focus of this college. All the possible efforts have been taken and, we will continue to take, to ensure academic excellence in our college. We believe that excellence in academics is the hall mark of our college, as a good institution. The Covid-19 Pandemic greatly impacted staff and students though the overall outcome from the year was pleasing. The lockdowns proved difficult for some teachers who had to juggle their own children at home as well as providing online teaching. Students had to learn quickly to manage themselves and not all students were able to focus on learning because of difficult circumstances at home. Some organized activities and external trips (including an international trip) were cancelled, and most subjects had to modify their programmes and assessment schedules. Despite all the setbacks Covid-19 created, the year progressed well with some great results from students.

ONLINE CLASSES

The academic year 2020-2021 commenced with the exclusive online classes initially and later, a hybrid model of online as well as face to face classes were introduced. Detailed guidelines were issued by the Govt. of Maharashtra, Director of higher education, Joint director, higher Education and Gondwana university, Gadchiroli are followed during this pandemic period. For this purpose, every teacher followed their individual platform for online classes. Timing and timetable were also modified to fit to the online classes.

1. Curriculum

One of the major goals for the AY 2021-22 is to have a competent curriculum in place across the college. Curriculum was modified for online classes. Rigorous curriculum modification is going to take place for the next academic year. More emphasis will be given to theme-based teaching with lots of importance on speaking skills along with other skills. Physical activities will also be given equal importance in the timetable. Curriculum is rigorously revised and enriched to make students more competent to face future exams. Curriculum is developed to meet the needs of our students.

2. Assessment system and student attainment

Our assessment system is stress free and helpful to enhance student achievement and progress. It is scientifically designed and proved system, especially for Jr. college and UG students. The system of result analysis is rigorous at our college and the analysis of student's attainment in 2019-20, based on the college based assessments shows that our college over all academic performance was 72% and the overall semester result of 2020- 21 shows that our college overall performance is good and satisfactory.

- **“True success comes only after overcoming adversities and challenges of life”**
- **Good Institute lays a strong foundation for the future life of the students.**

Dr. A.P.J. Abdul Kalam has rightly said,

“Learning gives creativity, Creativity leads to thinking

