



Executive Summary

Recapitulation of General Aspects:

- June, 1944 :
BHS Managing Committee formed with members comprising Rao Bahadur Prof. B Venkateshachar, Prof. V T Srinivasan, Sri. K Lakshmi Narayana Rao and others.
- June 1945 :
Vijaya College made its humble beginning with a view to provide science education to deserving students, particularly the lower middle class society, in Vokkaligara Sangha building with two sections of 60 students in each section.
- 1947 :
Present campus measuring 450 ft X 500 ft sanctioned by the City Municipality, Bangalore
- 1953 :
Building erected in the present campus and the college started functioning in January 1953.
- 1956 :
Recognition of the college by UGC for receiving grants under the relevant sections of UGC act (12B and 2f)
- 1970 :
Commerce course commenced.
- 1986 :
Introduction of B.Sc. combinations with Computer Science, Electronics, Sericulture and Statistics as one of the subjects.
- 1986 – 88 :
Huge expansion in terms of Physical, Laboratory and Library infrastructure
- 1986 :
Renaming the management as BHS Higher Education Society



- 2002 :
As per the policy of the Government of Karnataka, bifurcation into Degree and PU colleges
- 2002 – 04 :
Expansion of infrastructure to house PU in a separate block, addition of new block in the rear end.
- 2004 :
NAAC accreditation with B++ grading
- 2006 – 07 :
Land measuring area of 5.5 acres in the suburban region, Ravagodlu off Kanakapura road, in order to introduce PG courses
- 2007 – 08 :
Sequel to the NAAC peer team suggestions and based on the societal demands, introduction of new combinations in B.Sc. with Computer Science, Electronics, Statistics, Biotechnology, Biochemistry, Genetics and Microbiology; BCA and BBM courses
- Student strength of 1250 in 2002 swelled to 2178 in 2009 – 2010.
- Affiliated to Bangalore University with permanent affiliation to a few courses in Feb 2007.
- Transparent admission policy with admissions open to all sections of society, reservation as per the provisions of Karnataka Education Act 2000.
- Lower fee structure for all courses compared to any other affiliated College of Bangalore University. Fee structure for SC/ST students on par with the Govt. College Fee, both for aided and self-financed courses.
- Access to education, Gender Equity and Broadening of participation in the education are the prime mandates of the BHS Higher Education Society.
- Number of institutions under BHS Higher Education Society : 17
- Thrust to Rural Education Project : Starting of institutions in the backward area of T Narasipur, Mysore District, with focus on Primary



Education, Higher Secondary education, Technical Training and Teacher Training.

- 2010 :
Reaccreditation by NAAC with A Grade (3.07)
- 2011 – 12 :
PG course in Mathematics started with student strength of 20.
- 2012 – 13 :
PG Course in Physics started with student strength of 30.
- Expansion of physical infrastructure to cater to needs of postgraduate course
- Starting of PG Library and PG computer Center with 20 computers and internet connectivity
- 2013 – 14 :
Starting of PG in Chemistry and PG in Commerce
- 2014 – 15 :
Applied to get the College with Potential for Excellence (CPE) status
Reaccreditation process begun

Criterion – I : Curricular Aspects:

The college has contributed to the curriculum development by the Bangalore University, the affiliating University, by providing inputs based on the feedback analysis from various sources and assessing local, national and global needs. *Many of the senior teachers are members of Boards of studies and Boards of Examiners of the Bangalore University and other universities as well as autonomous institutions. Thrust on development of knowledge and skills are provided through various programmes in the college in addition to value added courses and value based education.*

The college has diverse range of course options catering to diverse range of learners in terms of Core options, elective



options and add-on courses, Self-financed and Aided courses both at UG and PG levels. Based on the societal demands, the college has introduced post graduate courses in Physics, Chemistry, Mathematics and Commerce during the past four years. Add-on courses leading to certificate and diploma are also introduced in Computer Science, Electronics and Biotechnology departments. Some skill development courses have also been introduced in Computer Science department. Thus, the academic flexibility is ensured for those seeking admissions in the college. Choice Based Credit System is introduced for the present batch 2014 – 15 students while multi – disciplinary approach is being followed in higher semester classes. Semester system is followed as per the scheme of the Bangalore University.

Several compulsory interdisciplinary subjects are introduced on topics like Environmental Science and Public Health, Human rights and Indian Constitution, operations research, etc. ICT is integrated in the curriculum by introducing compulsory subject like Computer Fundamentals for all UG courses, Accounting Information System and Computer Business Applications for B.Com. and BBM courses. Soft skill courses are introduced for PG courses as compulsory subjects.

Curriculum Workshops are conducted to discuss the syllabus, preparing the blow-up of the syllabus and question paper pattern for the benefit of teachers of affiliated colleges. Question bank has been prepared by most of the departments useful for examination purposes.

Conventional chalk – talk method coupled with ICT teaching pedagogy is followed in the college. Assignments, student seminars, worksheets, field visits, industry visits, invited lectures from industry and research institutions are organized for student – centered learning methods. The faculty for some of the career oriented programmes have been drawn from industry or research institutions.



Several co - curricular activities and commemorative day celebrations like International Women's Day, AIDS Day, etc. are being conducted in the college to enrich students with wide variety of co - curricular developments. Gender sensitization, environmental issues, moral and ethical values, better career options, community orientation programmes are regularly conducted.

Criterion - II : Teaching - Learning - Evaluation

The thrust of education is "Teaching - Learning" necessary for knowledge societies to flourish. The college adopts the *student - centric learning* and *experiential learning* as its corner stone in academic process.

The college follows a **transparent admission policy** : Seat matrix displayed, fee structure displayed, merit list until the last seat is filled and admissions made by a committee of teachers. The supply to **demand ratio** of seats in the college is **1 : 4** in Commerce, Management and Computer Applications whereas in Science stream it stands at 1 : 1.

The demand for PG seats varies from 1 : 4 in science to about 1 : 7 in PG Commerce. The college ensures equity of access and gender equity by reserving seats as per the regulations of Karnataka Education Act.

The academic process caters to diverse range of learners. The **syllabus is unitized** and the academic planner is uploaded onto the website. Though lecture method is the pre-dominant teaching method, the use of ICT is integrated into the teaching-learning process.

The college encourages the staff to undertake research activity and to enhance their academic qualifications by providing flexible time-table options and by deputing the teachers on FIP basis for higher studies. The college has **42 Ph.D. holders and 48 M.Phil. holders out of a**



total of 122 teachers. The teacher : student ratio is 1 : 21 (About 122 teachers and 2553 students). The student strength has been increasing every year.

Regular assessment of students through assignments, tests, preparatory tests, etc. **Class teachers** monitor the progress of students and maintain a constant interaction with the students. Students are counselled for their academic improvements and to solve any family or financial problems.

The result analysis is carried out and remedial measures are adopted. Remedial coaching is in place for academically weaker students. Advanced learners are encouraged to put in efforts to secure ranks at the university examinations and guided to face competitive examinations to pursue higher levels of education. The college has created a Board for Teaching – Learning process to ensure implementation of goals of the management and achieve academic excellence.

The average success rate of **commerce stream** is at **97%** while the **science stream** has an average success rate of about **68%**. The average success rate of **BBM** students is about **74%** while that of **BCA** is about **85%**. The average pass percentage of **M.Sc. Maths** stands **76%**, **M.Sc. physics** stands at **26%**, **M.Sc. Chemistry** stands at **7%** and **M.Com.** has a pass percentage of **85%**.

Students have been bagging ranks and gold medals at the university examinations both at UG and PG levels. Several students score centums in individual subjects both in Science and Commerce streams.

Criterion – III : Research, Consultancy and Extension.

Research is encouraged on both part-time and full-time basis leading to M.Phil. and Ph.D. A few of the teachers are recognized as guides by



other universities. Teachers are actively engaged in research and are participating as resource persons and delegates. A research committee is put in place and attempts are in progress to get the status of Recognized Research Centre from the Bangalore University.

The institution has good infrastructure for research activity with many departments having acquired apparatus suitable for carrying out research also. A few faculty members are engaged in **research projects funded by the UGC** or other agencies. The college has been conducting periodic National level, State level and regional level conferences for the benefit and promotion of research atmosphere encouraging faculty to involve in article presentations/publications and establishing a collaboration for research activity.

The institution has created a platform to have active interaction between the faculty, students and the eminent researchers through invited lectures as well as during conferences.

Many teachers have published text books, research articles and theses. Consultancy services on honorary basis is carried by a few teachers and offered to Schools, PU Colleges and a Small Scale Industry. Student research projects are encouraged.

Two of the teachers in PG departments have Patents to their credit. More than 140 papers have been published by the faculty of the college in peer reviewed journals from the past five years. The **h - index** of the college stands at **9** from past four years with an **average impact factor** of journals in which papers have been published being **2.27**. Several teachers have bagged awards for their paper presentations in research conferences at various levels.

NCC and NSS students' wings of the college carry out extension activities. A few of the programs include Blood Donation, Awareness of HIV/AIDS, participation in the Immunization Programs, Civic sense activities, etc. In the NSS special camps, a regular feature is health



check up, dental check up and eye care for senior citizens. Some senior citizens having cataract were facilitated to undergo surgeries which was carried out with the help of Lion's Club. Blood donation and Raising of funds for the Blind Association is a very common program for which the college has been continuously felicitated.

Several collaborations are made with industries, training institutions and research institutions for purposes of research collaboration and training students in the college.

Criterion IV – Infrastructure and Learning Resources.

The Management has developed adequate infrastructure and learning resources in the campus to achieve its objective of excellent education. The campus is beautified by gardening and landscaping. The campus has nearly 38 class rooms each with an average area of 88.26 sq.m., well equipped laboratories, well stacked library, spacious play ground, gymnasium and a basket ball stadium with a seating capacity of 600. The college has one indoor auditorium with seating capacity of 600 , one outdoor auditorium with seating capacity of 1200, Syndicate Bank, ATM counter, Canteen and power back up with two generators and UPS. Each department is given an exclusive staff room with about 18 staff rooms being in existence. Every department is equipped with a Computer having internet connectivity. The college is equipped with LCD and DLP projectors to facilitate the Modern teaching methods to be adopted in addition to OHPs and Slide Projectors. Seven class rooms have been made ICT ready.

New facilities have been augmented during the past four years where several class rooms and laboratories have been added by incurring an expenditure of about Rs.3.5 Crores. The total expenditure towards books and journals in the past four years has been Rs. 2296704=00 with approximately about 9000 books being added.



ICT resources has been sufficiently strengthened in the institution with Computer to Student ratio being about 1 : 15.

Expenditure incurred on maintenance and renovation works in the college stands at about Rs. 50,23,000=00

The housekeeping work of the college has been outsourced. An in-house Civil Engineer, System Administrator and a technician are appointed for the purpose of Maintenance of the building, computers and equipment. An electrician is appointed to supervise the well being of electrical fixtures and electrical connections in the college.

The college library has reprographic service and other essential services. ICT learning resources are available in the college.

Criterion – V : Student Support and Progression.

Students are the primary stakeholders of the institution and the institution has been evolving measures like student empowerment, inclusive practices and skill development which are student supportive and student centric. The practice of social inclusion, financial incentives and welfare measures has been internalized in the institutional processes. The prospectus containing the different student scholarship and student services is given to all those who aspire to join the college. The student support services are displayed on the institutional website and updated regularly. Academic support for slow learners and advanced learners exist along with guidance to face several competitive examinations. Several co – curricular, extra – curricular and sports activities are being conducted to facilitate holistic development of the student and emerge as a socially matured individual. Some of the students have cleared national level competitive examinations and either have progressed to higher levels of learning or employment. Placement services are offered in the college with an average of about 36% of



outgoing students offered **campus recruitments**. Students **progressing to higher education** on an average is about **32%**.

The **social profile** of input students to the college has the following distribution :

SC : 18%; ST : 1.16 %; OBC : 42.18%; GM : 38.7%;

Boys : 50.1% and Girls : 49.9%

Student results are quite encouraging in the college. Ranks and gold medals have been bagged by the students. Several students have excelled in sports with 1 student participating in World Football Competition held at London, about 12 students participating at National Level games and having won several prizes, several students have represented state and University in various competitions. Students have excelled in cultural, science, commerce and other activities. One student has received Scouts and Rover awards from **Hon. President of India** as well as **Hon. Governor of Karnataka**.

The college magazine and wall magazines in a few departments have encouraged several students to hone their expressions and creativity skills by contributing articles on contemporary developments spanning social, educational, economical and political arenas.

The college ensures the prompt application schedule and payment of SC/ST/OBC scholarship provided by the State Government and the Government of India. The total number of students benefitted by the different scholarships available in the college is about **1500 students** (15% average) and an amount of **Rs. 42,38,000=00** have been disbursed in the past four years.

The alumni of the college have been actively involved in various events of the college either as resource persons, judges or facilitators for extra-curricular activities.



Criterion – VI : Governance and Leadership.

The BHS Higher Education Society consists of well educated members who were either the retired teachers of BHS institutions or retired from Civil Services. The Joint Secretary of the Management is appointed as the dean of the college. **The BHS HES is a non-hierarchical, non-inherited, democratic and secular in its structure.**

The college ensures the following:

- Budgetary provisions for the different processes in the system
- Management of finance as per the Karnataka Civil Services Rules, UGC rules and the rules and regulations set by the Directorate of Collegiate Education.
- Decentralisation and transparency in all processes of the system
- Internal and external auditing of accounts
- Frequent meetings of HODs and the staff to generate short term and long term plans in addition to propagating the latest changes in the university regulations or the DCE regulations
- Existence of formal and informal grievance redressal mechanism for both the students and the staff.
- System intervention in the expenses to be borne by employees for major medical procedures through raising of funds and other means.
- Provision of employment for the kith and kin of the employees on compassionate grounds.
- Subsidized fee structure for SC/ST/ OBC and the children of Staff of BHS Institutions
- Good human resource management techniques in place.

The college has put in place the Internal Quality Assurance Cell as a requirement of Post-Accreditation of NAAC. The IQAC has been ensuring the internalisation of quality culture in all the system processes. The



concepts of TQM are being internalised. The college has a quality policy in force. The AQARs have been submitted to the NAAC.

Criterion – VII – Innovative Practices.

- The college conducts green audit and awareness about environmental issues, climate change and conducts programmes to encourage utilization of renewable energy sources.
- Several best practices are in existence in the college which has been benefitting both teachers and students.

SWOC Analysis

Strengths

- **Non-Hierarchical, Non-inherited, democratic and secular management composition**
- Centrally located and well connected to different parts of the city. Good connectivity to rural areas around Bangalore. Proposed Metro station is located in front of the college.
- Committed and dedicated teaching staff with a large number of Ph.Ds and M.Phils.
(Ph.D – 34.4% ; M.Phil – 39.3% ; PG – 26.3%)
- Management encourages faculty to **pursue research**. Some of the teachers are also guides. MC has offered the seed money to start research
- Good representation of teachers in BOS, BOE, BOAE
- **Constitution of various committees involving teaching and non-teaching staff for decentralised administration**
- Periodic staff meeting with teaching and non-teaching staff for the deliberations of day to day activities.
- Good infrastructural facilities with large number of class rooms and laboratories with an average of 77.5 sq.ft of built up area per student.
- Several facilities for sports exist. Outdoor auditorium also used for indoor sports like table tennis, ball badminton and Shuttle



badminton. Good basket ball stadium with a seating capacity of nearly 600. Large play field for cricket, football and other outdoor games.

- The college library has rare academic and scholarly books [with 60,000+ books stacked] with N-list e-resource facility. Separate e - library equipped with 15 computers and internet broad band unlimited facility for browsing and accessing e – resources.
- Book Bank facility exclusively created for SC/ST students where 3 books are provided per student.
- The college has a Network Resource Centre with all computers networked and internet enabled in the entire campus. Nearly 20 dedicated NME internet connections are in existence.
- Adequate and exclusive rest rooms for boys, girls and staff members
- Girls' hostel in the campus with an accommodation for 80 students.
- Power back up support with 63 kVA and 50 kVA generators, UPS with aggregated capacity of 70 kVA for different laboratories, administrative block and library
- Language laboratory in existence to strengthen the Communication skills, Soft skills and job skills
- The college has been included and receiving grants under the UGC Section 12(B) and 2(F). The grants are being utilized for the overall development of the college.
- Student support systems – scholarships , co-curricular activities, career and guidance cell, placement cell
- Various scholarships for students are provided. BHS Higher Education society also provides scholarship to students on merit – cum – means basis at the rate of Rs.10,000=00 per student per annum for about 30 students.
- Appointment of kith and kin on compassionate grounds
- Midday meal scheme, an initiative by the teachers, is in existence to cater to economically weak students.



- Transparent admission policy in accordance with the Karnataka Education Act .
- Equity of access to education encouraged by floating a reduced fee structure for socially oppressed classes. Competitive fee structure for all the courses compared to other colleges.
- Effective Teaching - Learning process, adoption of ICT in classes by about 15% of teachers, effective coaching for nurturing weaker students by conducting Remedial classes.
- Question bank provided in a few subjects. e – learning content of a few topics uploaded on website
- Conduct of conferences / Seminars / Workshops / Literary activities at regional, state and national levels frequently to compliment the Teaching- Learning process. Teachers and students are deputed to participate in conferences / Seminars / Workshops conducted by other institutions.
- The faculty of the college gives additional support to the economically and socially backward students by providing Text books and study materials from the department and personal library for the interested students. The faculty also extends financial help to bear the fees for the needy.
- The Institution has an effective counseling cell and it is successful in instilling self confidence among students.
- Many alumni hold key positions in the society. College has seen best students in academics, music, sports, and other fields. An excellent goodwill is maintained with alumni and the children of these students join the college.
- Value added courses in the subjects of electronics, computer science and biotechnology and CA foundation courses are offered.
- Field/industrial visits are arranged for students.
- Interactions with eminent persons from industry and research institutions is enabled



Weaknesses

- PG courses have been introduced recently. PG laboratory departments need to be strengthened in terms of physical infrastructure and laboratory equipment. New equipment needs to be augmented in the UG laboratory departments to strengthen teaching – learning as well as research.
- New requirements of library and the various demands like exclusive reference section space for teachers, students, reading room facility, e – resources center has placed a huge demand for additional library block
- Lack of separate computer center
- Lack of modernized class rooms.
- Inadequate girls' hostel and inadequate facilities in girls' hostel.
- Vertical growth of the college is limited due to the fact that the college is old.
- Limited industrial and research institution interaction.

Opportunities

- Establishment of independent research Centre to promote research activities.
- Seek financial support for major research projects from agencies like UGC/DST/DBT, etc. in addition to more number of minor research projects
- Introduction of some more Add-on courses in different subjects.
- MOU's with industries for add on courses and interaction which ensures greater employability.
- Enabling all the class rooms to be ICT ready.
- Workshop for innovative teaching pedagogy
- Develop question bank, e – learning content and upload on the college website for use by slow learners as well as by advanced learners.
- Strengthen the remedial coaching classes with more stringent monitoring mechanisms.



- Conduct more number of invited lectures by eminent people on social values, latest research topics, industry advancements, etc.
- Better monitoring mechanisms through development of MIS software customized to Vijaya College.
- Strengthen the leadership skills of Principal, HODs, Office and accounts superintendents, other leaders contributing to the corporate life of the college to achieve better institutional development.

Challenges

- Declining enrolment in science streams.
- Low fee structure, huge pay related expenses and maintenance of the college poses a hurdle for infrastructure developmental initiatives due to decreasing corpus fund every year.
- Lack of staff appointments by Govt.
- Disparity in pay scales between aided and unaided teachers
- Changing needs and expectations of stakeholders in general and Industry in particular vis – a – vis the graduates seeking jobs.
