

“The mind is not a vessel to be filled but a fire to be ignited”

- Lucius Mestrius Plutarchus

Criterion IV: Student Support and Progression

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If ‘yes’, what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes, the institution publishes prospectus every year with information on various courses and add-on programs available at the college. From this academic year we would be starting a handbook for the students in which academic calendar, course plans and schedules of extra academic activities would be provided after their take admission.

5.1.2 Specify the type, number and amount of institutional scholarships/freeship given to the students during the last four years and whether the financial aid was available and disbursed on time?

College provides scholarships to meritorious students who secure distinction in university examinations. An amount of five thousand rupees per annum is received by such students and the number of scholarships availed was 14 during the last year.

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

College provides all the information and facilitates students to secure scholarships from government. All the students who belong to SC/ST and OBC regularly get scholarship. In this connection, our college has itself registered with

the respective State Government departments and provides all the necessary documentary support to ensure the students receive the financial assistance from them government agencies regularly. Students of Biotechnology Department consistently get selected for BITP program sponsored by DBT, New Delhi which provides for monthly stipend of of Rs.8000/- during the industry internship for 6 months.

PIMS students have also been successful in getting sanctioned DST Rajat Jayanthi Vigyan Sancharak Fellowships for past four years. Fellowship of rupees five thousand is provided to all students pursuing PG Diploma in Nutraceutical and Food Processing under Biotech Finishing School by DBT, New Delhi. All the students are selected-based on the all India level entrance exam conducted by Dept. of IT, BT and S&T, Govt. of Karnataka.

5.1.4 What are the specific support services/facilities available for

- ✓ **Students from SC/ST, OBC and economically weaker sections**
- ✓ **Students with physical disabilities**
- ✓ **Overseas students**
- ✓ **Students to participate in various competitions/National and International**
- ✓ **Medical assistance to students: health centre, health insurance etc.**
- ✓ **Organizing coaching classes for competitive exams**
- ✓ **Skill development (spoken English, computer literacy, etc.,)**
- ✓ **Support for “slow learners”**
- ✓ **Exposures of students to other institution of higher learning/ corporate/business house etc.**
- ✓ **Publication of student magazines**

The students can avail subsidized charges for medical and diagnostic facilities at the Diagnostic centre run by the management. Day scholars can avail the mess facility for afternoon lunch which is provided at subsidized rates. Periodical meetings

of the hostel warden and maintenance personnel with the head of the institution are conducted to improve the quality and taste of food.

Student Counseling Cell would give support to the students in terms of career and personal counseling. Administrative support in terms of visa renewal and other foreign national security procedures are provided to overseas students. We make them feel homely by providing a congenial homely environment. The Placement Cell collects information from all students and maintains a database. It helps students in resume building and skill development to face interviews. Updated information about employment opportunities would be provided to all students.

The counseling cell helps students in personal and career counseling. We have staff members and a psychologist in the team who would take care of counseling students. Students are given moral support and are made comfortable during crisis situations.

The mentor ward system introduced is actively taking care of regular student counseling apart from the student counseling cell. Each teacher has five students under the mentor system that would take care of complete academic and overall development of the student. They maintain the datasheet with personal information of these students. Mentor conducts weekly meeting with the students and a time has been accommodated in the regular timetable itself. Students are encouraged and given personal attention in preparing seminar reports, presentations and small scale research projects. The minutes of the mentor meeting are compiled and submitted on a monthly basis to the respective in charge. The mentor would also keep the parents of the students informed about the academic progress.

In the Bangalore University curriculum the undergraduate students have a compulsory paper on Computer fundamentals in their second year. This is taken as a part of the curriculum seriously and special classes are held. Most of the post graduate students do possess basic computer skills. However we conduct special computer classes for students coming from rural background and those who want to avail the facility.

The institution organizes periodical personality development programs conducted by various institutes and resource personnel from different areas of experience.

In order to develop life skills we organize guest talks from eminent personalities. With this motive we arranged a day program on “Developing self confidence which includes enhancing EQ, IQ and SQ” conducted by Resource personnel from ISKCON, Bangalore.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

A business incubation center is activated in the institution which encourages students to generate new ideas for small scale business opportunities. Awareness is generated among students through guest talks about the legalities, licenses required and other formalities involved in entrepreneurship. The salient features of the business incubation center are-

- Identifying students with entrepreneurship skills and aptitude
- Encouraging such students to prepare business models.

- Helping in preparation and submission of project proposals.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

- * **Additional academic support, flexibility in examinations**
- * **Special dietary requirements, sports uniform and materials**
- * **Any other**

College has a policy to conduct annual sports and cultural week to group institutions. Sports, games, quiz competitions, debate and discussions, cultural activities are a part this annual event. Students participate actively and prize winners are awarded with a memento/medal and a certificate during the sports and cultural day celebrations. Students are encouraged and motivated to participate in inter collegiate and youth festival conducted by Bangalore University. Special classes are conducted for students who miss the classes during such participations. PIMS students grabbed prizes during such participation.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.

The competitive examination cell at the college is functional and helps students to prepare for taking up UGC-CSIR, SLET, GATE, CAT, GRE, TOEFL, GMAT, Civil services-IAS,IPS, IFS, Central/state services exams. We have a core

team comprising in charge, teachers as members and student representatives from each department. The activities and infrastructure such as books, purchases, computers and other learning resources are being maintained by in charge and student representatives.

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

Student mentor system effectively functions and provides personal attention and counseling to individual students. Special counseling sessions are conducted as and when need arises. Efforts are on the way to start a student council with class representatives as council members. The major activities of the student council would focus on student related issues, student development programs; coordinating various departments and developing inter departmental relations. It would also conduct social activities. Career guidance and support is provided by placement and training cell. Expert invited lectures regarding the career prospects and skills are organized by institution. A regional seminar entitled “Even green options in life sciences for a blooming career” is organized by PIMS to give an insight about opportunities in life science segment. All the invited speakers are from industry and there was a good interaction between industry experts and students

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If ‘yes’, detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

The placement cell collects information from all students and maintains a database. It helps students in resume building and skill development to face interviews. Updated information about employment opportunities would be provided to all students. The counseling cell helps students in personal and career counseling. In life sciences segment students are referred to the industry and interviews are organized. Campus placements are not a practice in life science industry, however this is done in management and will be extended to commerce students.

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

The Grievance Redressal Cell works parallel in tandem with the Student Counseling Cell. All grievances of students regarding academic, learning, personal and hostel facilities are addressed and suitable solutions are provided.

As such major grievances are not seen in these years. We usually come across students complaining about domestic problems, problems in inter personal relationships, adolescent issues and examination phobia. These are addressed by mentors as well as the members of the counseling cell. In some extreme cases, when there was a staunch necessity we also sent two of our students to a psychiatrist for better clinical counseling to address their problems in a better way.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

One of the activities of the women cell is to take care of women students against sexual harassment. However the institution imparts a value based education to students and such cases have never been encountered till now.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

There is an Anti-ragging Committee constituted in the beginning of every academic year. This includes a two senior faculty members and a student representative. During the orientation program, a talk is compulsorily included regarding ragging, their ill-effects and legal aspects of the same. Students are counseled and educated about the same. In the hostel, student representatives and warden are instructed to inform immediately to the Director in-charge. In such instances, committee members visited hostel even in the night and disciplinary action is taken against students who are involved in the same.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

Merit scholarships are given to students who secure 75% in their semester exams. Poor students are provided enough time and installment payment of fees. Free transportation is provided to all the students to reach college. Discount is extended to students at Padmashree diagnostic centre a sister concern of group institutions.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Yes, the college has formed Alumni Association. Registration of alumni association for the group institutions is under process. The office bearers of the Alumni Association of Life-Science students are:

Convener

Dr. R.B. Thammaiah

Faculty Secretary	Dr. M. Kumara swamy
Student Secretary	Mr. Saurabh Awasthi (2010-2011 batch)
Student Representatives	These representatives are selected from all the departments both from the existing batch of students and from the alumni.

The office bearers of the Alumni Association of Management students are:

Chairperson (Alumni)	Ms. Anusha
Secretary (Alumni)	Mr. Shahid
EC Members (Alumni)	Mr. Girish Sukhadiya, Ms. Sushma and Mr. Shrikant.
Convener	Mr. R R Srivastava (Faculty)

The Alumni Associations are active from the last year and has successfully conducted the annual alumni meet. The salient features of the alumni meet were-

- Collecting and updating information of all alumni students.
- Encouraging alumni students to donate their books for the book bank program.
- Strategic plan for the launch of an alumni blog/Google group for updating information.
- Inviting participation of alumni members in placement assistance.
- The Alumni Association has organized “Opportunity – 2011” through which the alumni and the students were benefitted.

Some of the alumni students working at reputed organizations spread all over India are:

Sl. No.	Name of the alumnus	Current Positions
1	Mahesh	Scientist- Sami Labs Ltd.
2	Suman	Adivas - Junior Scientist
3	Ashish Deshpande	Scientist, National Chemical Laboratories, Pune
4	Sachin Kote	National Nanotech laboratory, Italy.
5	Vaibhav Sonone	Inventory Specialist – Monsanto Research Centre
6.	Armugam	QC Department – Biocon
7.	Aniket Patil	R & D department, Merck Labs.
8.	Ketan Gurjar	Quality Control Department, Cipla Ltd.
9.	Swati Sharma	Biocon- Marketing Department
10.	Aveek Narain	Sr. Scientist- M.S. Swaminathan Research Foundation

The alumni members settled in foreign nations help our students in terms of guidance for procedures and formalities involved in pursuing higher education abroad.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Sl.No	Course	Higher Education (%)	Employment (%)
1	M.Sc.	20%	70%
2	B.Sc.	90%	5%
3	B.C.A	40%	50%
4	BBM	55%	45%
5	MBA	5%	95%

5.2.2 Provide details of the programme-wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the

university)? Furnish programme wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

Our college students excel in academic performance with distinctions and first classes. The pass percentage has consistently increased in the last five years. Biospectrum, a Biotechnology magazine makes annual survey of top twenty biotech schools in India. It is a matter of pride that the institution has been ranked among top ten in the year 2010-11.

Results in %	2008-09	2009-10	2010-11	2011-12	2012-13
Pass% B. Sc	81.86	72.22	87.5	100	100
Pass% BCA	85.4	82.3	74.3	86.1	59.2
Pass% BBM	-	90	83.33	60	64
Pass% M. Sc	84.5	79.44	97.22	68.10	100
Pass% MBA	85	86.67	96.67	100	88.89
I Class B.Sc.	65.4	67.2	86	90	86
I Class BCA.	32	33	34	22	62
I Class BBM	-	83.33	40	33.33	70
I Class M. Sc	72.4	67.6	75.4	83.2	80.2
I Class MBA	80	96.67	94.59	88.89	74.6
Distinction B. Sc	65.4	74.2	64.2	79.6	82.4
Distinction BCA	32.3	28.4	36.9	35.1	37.2
Distinction M. Sc	12	09	11	05	06

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

The college offers both UG and PG courses. Among UG courses, all the life science graduates of our college in past five years have opted for higher education.

90% of them have chosen life sciences for their post graduation while the remaining opted for management and related courses. We encourage our undergraduate students to take up PG courses in the college itself.

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As the college has been recognized as research center, we encourage post graduate students to take up doctoral programs.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The dropout rate is almost negligible in the institution. However the college has a student counseling cell which addresses such students and encourages them to complete the course. Considerable progress has been made in this way and almost ten students have been counseled to complete the course preventing their dropouts. The Mentor-ward system introduced is functioning in preventing dropout rates. Students with genuine reasons are supported financially and counseled.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

The college has an active cultural and sports committee with a teacher as in charge and student members. The committee conducts annual sports and cultural meet regularly with a wide range of cultural, literary and sports competitions. We also

identify and send students to various inter college competitions. Students are encouraged to make and present models at various exhibitions and also hold marches and walks to mark different social causes. Our students regularly participate in the Youth festival, inter-collegiate and inter-university cultural events organized by Bangalore University.

A three day cultural program was held at Padmashree Institute of Management and Sciences from 28th- 30th April 2011, list of prize winners in various cultural events.

M.Sc Microbiology (2nd semester) students had participated in two day conference on recent trends in Genomics and Proteomics, jointly organized by Indian Academy Degree College and Dept of Biotechnology & Microbiology at Central College Campus and participated in various events.

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University/State/Zonal/National/International, etc. for the previous four years. (Institution level/inter collegiate/inter university/inter-state/national/international)

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5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

Feed backs are collected from all the stakeholders. Past and present students feed backs are analysed and suggestions were implemented. During Graduation Day and Alumni Meet, feedbacks are taken. The suggestions from feedback are used as inputs for growth and development of the institution.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

Institution involves and encourages students to publish papers and present posters in symposia and seminars. From this academic year college has plans of initiating a magazine, one of its kinds with unique theme based writing. Each month students are given a theme and articles are invited on this theme which would be published as a monthly magazine. Students are also encouraged to publish their research work in various national and international journals. Proposals are there to start a journal club in the college.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Efforts are on the way to start a student council with class representatives as council members. The major activities of the student council would focus on student related issues, student development programs; coordinating various departments and developing inter departmental relations. It would also conduct social activities.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

We actively involve students' representations in various committees. The student representatives are found in-

- Library committee
- Seminar committee
- Cultural and sports committee
- Eco-club
- Placement cell
- Women's Cell

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

Institution has a mechanism in place to network and collaborate with the Alumni and former faculty through Google groups, face book, linked in. Former faculty are called as guest faculty or visiting faculty. They are also invited for Seminars and workshops organized by the college.

Any other relevant information regarding Student Support and Progression which the college would like to include.

Under student support progression we are implementing the following

- Student-mentor system
- Common seminar club for all the departments.
- Eco-club which takes up conducting annual eco week and other environment conservation programs.
- BiodHRona - Industry-Academia collaboration for skill development and industrial training.
- Series of guest talks from industry experts and experienced academicians.

- In house projects to encourage the scientific temper and research aptitude in students.
- Encouraging students to publish papers in journals; Oral and poster presentations in scientific conferences and seminars
- Undergraduate students along with their mentors are successful in securing grants for carrying out short term projects from state government.
- Student counseling and career guidance.

Students are encouraged to develop entrepreneurship skills through Business incubation center.