

**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN
COMPUTER SCIENCE, P.G. CENTER, RAICHUR**

1. Faculty profile, adequacy and competency of faculty

S N	Name	Educational Qualifications	Designation	Teaching and Research Experience	Specialization
1	Dr. P. Bhaskar	M.Sc., Ph.D.	Reader in I.T. & Incharge Chairman	15 years	PC/ μ P/ μ C/ based Instrumentation, Fuzzy Logic Controllers, & Embedded Systems.

The academic programmes are offered by appointing qualified competent guest faculty (12 Nos.). The department is not having permanent staff members. One Reader in Instrumentation Technology is the In-charge Chairman. Hence, there is a necessity to appoint the professors, readers, lecturers, programmers and system analysts for the department.

2. Student profile according to programmes of study, gender, region etc.

Course	Men	Women	Total
M.Sc.	10	14	24
PGDCA	08	03	11

The intake for M.Sc. (Computer Science) is 25 and for PGDCA 25. The enrollment is 100%. Approximately 50% students are women. About 5% of students are from other Universities.

3. Changes made in the courses or programmes during the past five years and the contribution of the faculty to those changes.

The syllabi of M.Sc. (C.Sc.) and PGDCA courses have been revised thoroughly keeping in view the latest developments in the field of computer science and information technology. The faculty members have made significant contribution in curriculum development and implementation.

4. Trend in the success rate and drop out of students during the last five years.

100% success rate, 0% dropout rate.

5. Learning resources of the department like library, computers, laboratories and other such resources.

The department is having good library and computer laboratory with Internet facilities.

6. **Enhancement of the learning resources during the past five years.**
The Department has recently procured 06 computers with latest configuration and software's. The licensed software packages viz., Visual Studio, Red Hat Linux etc., have been procured.
7. **Modern Teaching methods in practice other than the lecture method.**
Conducting seminars, group discussions using modern technology and teaching aids such as OHP and LCD Projector.
8. **Participation of teachers in academic and personal counseling of students.**
The teachers participate actively in academic and personal counselling of students regularly and monitor their progress.
9. **Details of faculty development programmes and teachers who benefited during the past five years.**
Some of the Guest lecturers have completed their M. Phil. courses through distance education system.
10. **Participation of teachers in academic activities other than teaching and research.**
The department has Computer Science Association under the auspices which seminars, group discussions, invited lectures are organized.
11. **Collaborations with other Departments and Institutions at the National and International level and their outcome during the past five years.**
The faculty members from the Main campus, Gulbarga, visit the department regularly for delivering for special lectures and for interaction with students.
12. **If research is a significant activity, the thrust areas of the Department.**
Only PG teaching is in progress. Research component is yet to start.
13. **Details of the ongoing projects and projects completed during the last five years.**
Nil
14. **'Programmes by research' offered by the university.**
M. Phil and Ph.D. courses in Computer Science are offered in the department at the Main campus, Gulbarga.
15. **Publications of the faculty, for the past five years. Details regarding citation index and impact factor analysis.**
01 research paper is published in refereed proceedings of conference.

16. **Participation of the department in the extension activities of the university.**
The students undertake software projects relevant to commercial/educational organizations as part of their laboratory project work.
17. **Method of continuous student assessment.**
The continuous student assessment is based on class tests, seminars, project works and demonstrations.
18. **Placement record of the past students and the contribution of the department to the student placements.**
Placement record is 100% in software companies and teaching institutions by contact through senior students already working in such industries / institutions.
19. **Significant achievements of the department or faculty or students during past five years.**
Some faculty members have attended and presented papers in conferences. The students have obtained gainful employment in reputed software companies/institutions in India and abroad.
20. **Participation of the department in COSIP/COHSSIP, SAP, CAS, DSA, DRS, FIST etc.**
Nil.
21. **Plan of action of the University Department for the next five years.**
To conduct the special lectures to students with the subject experts from various Universities; To conduct the campus interviews in the Department; To establish research lab facilities; To upgrade Computer lab facilities for M.Sc. (C.Sc.) and PGDCA courses to keep pace with the trends in the Industry.
22. **Any other highlights.**

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**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN
EDUCATION, P.G. CENTRE, RAICHUR**

1. Faculty profile, adequacy and competency of faculty

Sl. No.	Name	Educational Qualifications	Designation	Teaching and Research Experience	Specialization
1.	Dr. Hoovinbhavi B.L.	M.Ed., Ph.D.	Sr. Scale Lecturer	12 years	Educational Technology, Communication and Media, Educational Planning and Finance,

The faculty is adequate with guest lecturers who are competent to carry out teaching and research activities.

2. Student profile according to programmes of study, gender, region etc.

Course	Men	Women	Total
M.Ed.	27	19	41
M. Phil	01	01	02
Ph.D.	05	01	06

Department has an intake of 40 students each year. The enrolment is 100%. The women are 45% of the total. Students come from all the five districts of the University region.

3. Changes made in the courses or programmes during the past five years and the contribution of the faculty to those changes.

The Department has introduced semester system as per UGC guidelines.

4. Trend in the success rate and drop out of students during the last five years.

The Success rate is continuously increasing and is presently at 100%. The dropout rate is 0%.

5. Learning resources of the department like library, computers, laboratories and other such resources.

The Department has no separate Department library. The staff member has computer with Internet connection.

6. Enhancement of the learning resources during the past five years.

New books to library, computers and e-materials.

- 7. Modern Teaching methods in practice other than the lecture method.**
The Department employs modern teaching methods other than the lecture method by using OHP, Computer Animation Packages, Programmed Instruction and Different Models of Teaching. Field work for collecting data for the Dissertation Work is a compulsory component of the course. It enhances the quality in education.
- 8. Participation of teachers in academic and personal counseling of students.**
Teachers participate actively in academic and personal counseling of the students. Special classes are conducted for slow learners. Needy students are given counseling and tutorial classes.
- 9. Details of faculty development programmes and teachers who benefited during the past five years.**
The faculty member has completed mandatory requirement of orientation Programmes and UGC sponsored refresher courses.
- 10. Participation of teachers in academic activities other than teaching and research.**
The teachers participate in co-curricular activities in the Department by organizing workshops, attending seminars, paper presentations at conferences and participate in quiz and debate competitions.
- 11. Collaborations with other Departments and Institutions at the National and International level and their outcome during the past five years.**
The staff members have collaborative research work with other departments of the University.
- 12. If research is a significant activity, the thrust areas of the Department.**
The thrust areas of research are: Educational Technology, Teacher Education, Science Education, Examination and Evaluation and Environmental Education.
- 13. Details of the ongoing projects and projects completed during the last five years.**
Nil.
- 14. 'Programmes by research' offered by the university.**
M.Phil and Ph.D Courses.
- 15. Publications of the faculty, for the past five years. Details regarding citation index and impact factor analysis.**
The members of the faculty have published 05 papers in reputed National level Journals.
- 16. Participation of the department in the extension activities of the university.**
The staff and students are assisting and participating in extension activities like NSS.

17. **Method of continuous student assessment.**
Conducting seminars, internal assessment tests and assignments, quiz competitions, Practical demonstrations, formative and summative evaluation etc. for continuous assessment of students.
18. **Placement record of the past students and the contribution of the department to the student placements.**
Some of the alumni are placed in various national and state institutions and organizations such as collegiate education, PUC board and other NGO organizations.
19. **Significant achievements of the department or faculty or students during past five years.**
All the first four ranks (out of 05 ranks) are from the P.G Centre, during the Year 2006-07 batch. Students of the department have given Radio Programmes on Educational issues.
20. **Participation of the department in COSIP/COHSSIP, SAP, CAS, DSA, DRS, FIST etc.**
Nil.
21. **Plan of action of the University Department for the next five years.**
 - To get permanent teaching staff appointed by the University.
 - To get necessary lab facilities with new instruments / computers.
 - To have a separate building for M.Ed. course with adequate facilities.
22. **Any other highlights.**
M.Ed. is a one year professional education course being governed by the NCTE norms and standards for its quality assurance.

**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN
INSTRUMENTATION TECHNOLOGY, PG CENTRE, RAICHUR**

1. Faculty profile, adequacy and competency of faculty

SN	Name	Educational Qualifications	Designation	Teaching and Research Experience	Specialization
1	Dr. (Smt). Parvathi C. S.	M.Sc., Ph.D.	Reader & Chairperson	20 years,	Control Systems, Fuzzy Logic Controllers, PC-based
2	Dr. P. Bhaskar	M.Sc., Ph.D.	Reader	15 years	Process/ Scientific/ Analytical Instrumentation, Fuzzy Logic Controllers, & Embedded Systems.

There are six guest lecturers. All the faculty are competent to teach and do research.

2. Student profile according to programmes of study, gender, region etc.

Course	Men	Women	Total
M.Sc.	05	05	10
M. Phil	--	03	03
Ph.D.	05	01	06

M.Sc. (IT) course has an intake of 10+10 (self supporting scheme) each year. Approximately 50% students are women and 10% students are from other states.

3. Changes made in the courses or programmes during the past five years and the contribution of the faculty to those changes.

The semester scheme was introduced from 2003-04. Separate BOS in Instrumentation Technology is constituted.

4. Trend in the success rate and drop out of students during the last five years.

100% success rate, 10% dropout rate.

5. Learning resources of the department like library, computers, laboratories and other such resources.

The department is having good library, lab, and computer facilities with internet connectivity.

6. **Enhancement of the learning resources during the past five years.**
Various latest DSP, Microcontroller kits, and process control modules have been procured for the department in the last seven years. Study tours are conducted to visit modern laboratories and industries.
7. **Modern Teaching methods in practice other than the lecture method.**
Conducting seminars, group discussions using modern technology, and teaching aids such as OHP and LCD Projector.
8. **Participation of teachers in academic and personal counseling of students.**
Teachers are actively participating in conducting internal tests, seminars, group discussions, theory and practical examinations etc. and in personal counseling of students. Special classes are conducted whenever necessary. Some slow learners are tutored and mentored periodically to overcome their deficiencies and improve their overall performance.
9. **Details of faculty development programmes and teachers who benefited during the past five years.**
All the faculty members have completed their refresher courses.
10. **Participation of teachers in academic activities other than teaching and research.**
The teachers participate actively in co-curricular and extra curricular activities in the department and in the university. Dr. (Smt.) Parvathi C. S. has served as Special Officer, PG Centre, Raichur, and Dr. P. Bhaskar, has served as Warden, Hostel, PG Centre, Raichur.
11. **Collaborations with other Departments and Institutions at the National and International level and their outcome during the past five years.**
Department is in collaboration with Department of Applied Electronics, Gulbarga University, Gulbarga, and Department of Electronics & Instrumentation, Sri Krishnadevaraya University, Anantapur, AP.
12. **If research is a significant activity, the thrust areas of the Department.**
Embedded/PC Based Instrumentation, Fuzzy logic controllers, Process, Scientific Instrumentation etc.
13. **Details of the ongoing projects and projects completed during the last five years.**
Nil.
14. **'Programmes by research' offered by the university.**
M.Phil. and Ph.D. courses are offered under 'Programmes by research'.

15. **Publications of the faculty, for the past five years. Details regarding citation index and impact factor analysis.**
The members of the faculty have published more than 20 research papers in reputed refereed journals and presented 30 papers in conferences. Some of the papers have impact factor of 0.1.
16. **Participation of the department in the extension activities of the university.**
Actively participated in the Science Exhibition held at Gulbarga University, Gulbarga on the eve of Silver Jubilee during the year 2004. The faculty members have delivered invited lectures in local colleges and other universities.
17. **Method of continuous student assessment.**
Tests, seminars, group discussions are conducted for continuous assessment of students.
18. **Placement record of the past students and the contribution of the department to the student placements.**
80-90% of past students are well placed. One of the alumni is doing PDF in USA. Some are working in industries in Sharja, APC, Bangalore, Hyderabad, Nagpur etc. The department is writing to various industries for conducting campus interview. Visiting local industries like MPCL, Base Power, and Shilpa Antibiotics for the recruitment of students. Some students are working in local industries.
19. **Significant achievements of the department or faculty or students during past five years.**
Received the *Best Paper Award* for a research paper entitled "Microcontroller implementation of improved PID temperature controller", by P. Bhaskar, Parvathi C.S., and L. Shrimanth Sudheer, in *3rd National Control Instrumentation Systems Conference - CISCON 2006*, 03-04 Nov. 2006, MIT, Manipal, Karnataka.

Actively participated and demonstrated the projects (working models) in the *Gulbarga University Silver Jubilee Science Exhibition*, held at Gulbarga University, Gulbarga, on 24-28th, Sep. 2004 and secured first prize for the department.
20. **Participation of the department in COSIP/COHSSIP, SAP, CAS, DSA, DRS, FIST etc.**
Nil.
21. **Plan of action of the University Department for the next five years.**
It is planned to have a MOU with industries and R&Ds. It is also planned to conduct one or two day workshop/ seminar / conference on various areas of instrumentation.
22. **Any other highlights.**
Faculty Members are Members of Professional Bodies such as Instrument Society of India, Bangalore, Indian Society for Technical Education, New Delhi.

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**DEPARTMENT OF P.G. STUDIES AND RESEARCH IN
KANNADA, P.G. CENTRE, RAICHUR**

1. Faculty profile, adequacy and competency of faculty

S N	Name	Educational Qualifications	Designation	Teaching and Research Experience	Specialization	Awards/ Additional Qualification/ Training
1	Dr.C.Nagabhushan	M.A., Ph.D.	Reader	16 years	Epigraphy, Kannada literature, kannada grammar	One cash prize and three Prashasti Puraskar
2	Dr.K.Sharada	M.A., Ph.D.	Selection Grade Lecturer and Chairman	16 years	Epigraphy, Kannada literature, Jaina literature.	Attended 03 refresher courses
Reader – 01, SG. Lecturer - 01, Total – 02						

There are 03 guest lectures. The faculty is adequate and competent to carry out teaching and research activities.

2. Student profile according to programmes of study, gender, region etc.

Course	Men	Women	Total
M.A.	22	16	38
M. Phil	02	--	02
Ph.D.	12	02	14

M.A. (Kannada) course has an intake of 40 +10 (SSS) seats each year. Approximately 40 % students are women. These are no students from other States. The students come from all the five districts of the University region.

3. Changes made in the courses or programmes during the past five years and the contribution of the faculty to those changes.

The Department has introduced semester system as per UGC guidelines. During the year 2006-07. The syllabus has been revised as per the guidelines of UGC and taking into consideration NET syllabus. A new paper in computer application is introduced.

4. Trend in the success rate and drop out of students during the last five years.

The success rate is continuously increasing and is presently 100%. The dropout rate has declined to 10% since last two years.

5. Learning resources of the department like library, computers, laboratories and other such resources.

The Department has a separate Department library with over 200 books and some journals contributed by staff members and research scholars. Each staff member is provided with a computer and Internet connection.

6. **Enhancement of the learning resources during the past five years.**
Frequent field trips are conducted to collect and study the Historical Monuments and folk documents in their natural habitat. Study tours are conducted every year to cultural and historical places, specialists in the respective fields are invited to deliver special lectures, which enhances over all quality of students.
7. **Modern Teaching methods in practice other than the lecture method.**
The Department employs modern teaching method apart from the lecture method. The department has one OHP, Computer animation packages, Kannada software packages like Nudi Software M.S.Office & windows XP Kannada version software etc. The department has six computers and one LCD projector used by students. VCD & DVD packages augment the teaching learning presses.
8. **Participation of teachers in academic and personal counseling of students.**
Teachers actively participate in academic and personal counseling for students. Special classes are conducted for slow learners. Needy students are given counseling.
9. **Details of faculty development programmes and teachers who benefited during the past five years.**
All the faculty members have completed their mandatory requirement of orientation programmes and UGC sponsored refresher courses. Senior members of the faculty have served as resource persons in UGC sponsored refresher courses in this and in other Universities.
10. **Participation of teachers in academic activities other than teaching and research.**
The teachers participate in co-curricular and extra activities in the Department and in the University. The Department has a Kannada Society, under its aegis co-curricular and extra curricular activities are conducted programmes are conducted for the benefit of the students.
11. **Collaborations with other Departments and Institutions at the National and International level and their outcome during the past five years.**
The staff members have collaborative research work with other Departments of the University.
12. **If research is a significant activity, the thrust areas of the Department.**
The thrust areas are: Kannada Epigraphy, Jaina literature, Kannada medieval literature, Modern Kannada literature and Kannada lexicography.
13. **Details of the ongoing projects and projects completed during the last five years.**
Nil.
14. **'Programmes by research' offered by the university.**
M.Phil. and Ph.D.
15. **Publications of the faculty, for the past five years. Details regarding citation index and impact factor analysis.**
The members of the faculty of this Department have published 40 papers in reputed state and National level Journals.

16. **Participation of the department in the extension activities of the university.**
The department has been assisting and participating in extension activities like NSS. Some of the faculty members have delivered invited extension lecturers in local colleges and in other Universities.
17. **Method of continuous student assessment.**
Conducting seminars, internal assessment test, educational quiz competitions, and practical demonstrations etc for continuous assessment of the students.
18. **Placement record of the past students and the contribution of the department to the student placements.**
Some of the alumni are placed in various national and state level institutions and organizations. Some students have passed JRF, NET and SLET examinations.
19. **Significant achievements of the department or faculty or students during past five years.**
A staff member has record awards for his contribution in the field of Kannada culture and literature from Kannada Sahitya Parishat, Gulbarga University and other organizations.
1. Kaavyananda Puraskar (20,000/- cash prize.) awarded certification for their book Saayitya Samskrithi Hudukata.-2003
2. Joladaraasi Doddanagouda Prashasti awarded certification for their book Sarana Saayitya Samskriti Kelavu Adhyayana.
3. Kannada Saahitya Parishat Datti Prashasti Puraskar awarded (2 times) Certification for their books, Alandeya Ekanta Ramayya and Edeyuru Siddhalingshwara.
20. **Participation of the department in COSIP/COHSSIP, SAP, CAS, DSA, DRS, FIST etc.**
Nil.
21. **Plan of action of the University Department for the next five years.**
1. To introduce choice based credit system.
2. To optimize the content of value based education.
3. Introduction of new interdisciplinary courses in Folk-Lore and Epigraphy
4. To create Departmental website with all requisite information.
5. Opening of P.G.Diploma certificate course in Kannada Language and Kannada translation.
6. Documentation of traditional knowledge oral literature, Legend and monuments.
22. **Any other highlights.**
Members of faculty are on editorial board of reputed state level Journals (Basava Patha, Sharana Chetana and Karnataka Lochana)

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