

Students Achievements:

The performance of the Statistics students has shown a progressive increase in the results during the period of their entry into and exit from our department in all the degree faculties during years from 2015 to 2019. On a comparative analysis of scoring pattern of the students, it is quite evident that the mark in Statistics out numbers their marks in their other optional subjects. Every year at-least three to four students score cent percent marks in Statistics. The number of students joining PG courses in Statistics and other related optional subjects offered is showing an increasing trend in our batch students. The effective and student centric activities in the department have transformed them in to innovators and life-long learners in future life. This has made the department proud and intake of students for Optional Statistics course is increased during last 5 years. This is due to the hard work and good teaching of faculty members.

Distinguished Achievements:

The following is the list of Students who have secured ranks in the B.Sc./B.A. Degree Examinations of the Karnatak University, Dharwad during years from 2015 to 2019.

- Miss. Archana. Bhat, has secured a **Fifth Rank (3431/3600 i.e., 95.31%)** in **B.Sc. (PMS)** to the Karnatak University, Dharwad during **May 2015** examination.
- Miss. Jyoti Patil has secured a **Eighth Rank (3372/3600 i.e., 93.67%)** in **B.Sc. (PMS)** to the Karnatak University, Dharwad during **May 2016** examinations.
- Miss. Anusha Shenoy has secured a **Nineth Rank (3358/3600 i.e., 93.27%)** in **B.Sc. (PMS)** to the Karnatak University, Dharwad during **May 2016** examinations.
- Miss. Suma Hottigoudar has secured a **Third Rank (3398/3600 i.e., 94.38%)** in **B.Sc. (PMS)** to the Karnatak University, Dharwad during **May 2017** examinations.

- Miss. Harshita Upadhe has secured **Seventh Rank (2109/2400 i.e., 87.88%)** in **B.A.** to the Karnatak University, Dharwad during **May 2017** offering **Applied Statistics Course**.
- Shri. Ajay Varma has secured **Sixth Rank (3367/3600 i.e., 93.53%)** in **B.Sc. (PMS)** to the Karnatak University, Dharwad during **May 2018** examinations.
- Totally **24** students of B.A./B.Sc./B.Com. Students of our department have secured **cent percent marks** during the last 5 academic years from 2015 to 2019.
- The student's result in all the streams of admission to Statistics course is on rise on an average as per the result analysis.

6.Faculty Achievements:

Dr. S.N. Hegde and Dr. S.V. Gudi have been Board of Studies Members for Bangalore University, Bangalore, Karnatak University, Dharwad for two periods in their services.

Dr. S.N. Hegde and Dr. S.V. Gudi have worked as Chairman's/Moderators for Degree Examination in Statistics Theory and Practicals for more than 12 times in their services.

Dr. S.N. Hedge and Dr. S.V. Gudi have been Examiners for Government of Karnataka KPSC Probationary Examinations for Statistics Sections of the papers.

Dr. S.N. Hegde and Dr. S.V. Gudi have presented papers in International/National level/State level seminars and have published papers in International/National level Journals. The papers are also appears in various proceedings published by the Karnatak University, Dharwad.

Dr.S.N.Hegde has served a Research Guide for Students enrolled in Courses of Karnataka State Open University (KSOU) and Indira Gandhi National Open University (IGNOU) which are in our premises.

Dr. S.V. Gudi has been Board of Studies Member for Yuvaraja College (Autonomous College), Mysore for UG Course and worked for reframing CBCS system in Statistics Course.

Dr. S.V. Gudi has been the examiner and paper setter for UG Degree Course at Subject Statistics for various semester examinations of P.C. Jabin Science College (An Autonomous College), Hubli for many years.

Dr. S.V. Gudidrafted the new syllabus as a member of Board of Studies in Statistics for B.A. /B.Sc. Degree Course in Statistics of Karnatak University, Dharwad which came in to effect from June 2013.

Smt. Geeta A. Chalageri has been Chairman/Moderator/Paper Setter for BBA Course: Quantitative Analysis Paper and Examiner for Business Statistics Course for B.Com. Degree Course of Karnatak University, Dharwad.

Smt. Geeta A. Chalageri has also worked as a Paper Setter for B.A./B.Sc. Degree Course for Applied Statistics and Optional Statistics of Karnatak University, Dharwad and she is also a Paper Setter for B.Sc. Degree Statistics Course at P.C.Jabin Science College (Autonomous College), Hubli. She has also worked as Chairman of Subject Statistics for Theory/ Practical Degree Examination of Karnatak University, Dharwad.

Smt. Geeta A. Chalageri has a privilege of Councillor for Statistics Course of IGNOU (Indira Gandhi National Open University) at Dharwad Centre, JSS Campus, Dharwad.

Smt. Geeta A. Chalageri, has published a reference book on 'Business Statistics' for B.B.A. students according to K.U.D syllabus

Scope of the Subject Statistics:

On Successful completion of their degree course with Statistics as one of the Optional Subjects, the students' community will have the following scopes at their desired will and wish:

- (1) They can pursue higher education by choosing careers in M.Sc. with Statistics and M.Sc. with Mathematics.

- (2) They can undergo MCA Course and MBA Course which involves Statistics as one of the papers in their course and have an advantage over the others.
- (3) The Students can pursue B.Ed. Course which also involves Statistics as one of the papers and their project work totally depends on statistical analysis.
- (4) The Students with sound background of Statistics and with computer knowledge enter in to Information Technology Sector and work as a good 'Data Analysers' and other allied fields of 'Artificial Intelligence', and 'Data Mining' etc,.
- (5) The Students can enter in to the field of Economic & Statistical Planning, Demographic Research, Operations Research Marketing, and Sample Survey Analysis etc,.
- (6) The Students can enter into a competitive examination field and can enter into Banking Sector, Actuarial Science Sector, National Sample Survey Offices, Central Statistical Organizations, and District Statistical Offices in different capacities and categories like field investigators.
- (7) The job of data analyses can be taken up independently to promote statistical analysis of project work of students and governmental organizations and reputed private organizations.

Placements:

The degree passed out students have given repeated visits to the department, and given their best compliments and good wishes to the faculties of the department. They have shared their job experiences and further training adopted to fit in to the job market. They also convey the opportunities and requirements available for job market. The past students shared experiences conveyed to the present students in their class. This is an added advantage to the students' community, who are stepping out from their degree examinations.

Most of the graduated students are working in teaching field, employed in Banking&Insurance (LIC) Sector after getting training; some have adopted MCA course and MBA course and are working as HRD staff. The students with computer background in their study and training adopted are serving in the Information Technology with an appreciation of Statistical Thinking Knowledge adopted during their study in the college.

Progress for Higher Educations:

The students who have studied Statistics at the degree level are much successful in getting higher ranks at the Entrance Examinations of MCA (Master of Computer Applications) and MBA (Master of Business Administration) conducted by the VTU (Vishweshwaraiyya Technical University), Belgaum and other allied examinations. Our students are able to compete in getting jobs in Information Technology fields with knowledge earned in the subject combinations available with Optional Statistics. The performance of the Statistics students is found to be much satisfactory in all classes. Thus students with Statistics background are able to get admissions for PG Courses at various subjects such as Statistics, Mathematics, Computer Science and Physics.

The percentage of students joining higher studies courses is about 55% to 60% on an average.

The students are trained with Communication Skills through 1:1 Interaction / Viva-Voce during their Practical Classes. The students are also trained in Presentation, Data Analysis, Interpretation of data, Inference and Conclusions while writing down their Practical Journal works. This is one of the unique best practices of the department.

Extension Activities.

Research, Consultancy, Extension and Community Services:

The department has a cordial relationship with almost all Research Personnel & Institutions in and around city of Dharwad. A free consultancy is extended to all those who approach the department. The Consultancy is provided in analysing the data. The help is also extended to understand the Statistical Software / Statistical Tools / Methods required for their project / Research Work. The most visited faculties are from Department of Geography, Botany, Zoology, Sociology, Anthropology, Economics, Psychology, Medical and Dental Sciences.

The faculty members also have a share of guiding the KSOU, IGNOU and MBA students for their Project Work who have registered their names under our institutions present in the premises.

The Students of BBA come with project work. The Psychology department students, Medical and Dental College students of the city regularly approach teaching faculties of the department for seeking help in their project related data analysis part work. The faculties of the department quite eagerly help these students fraternity in giving proper guidance in theory as well as analysis part.

The department is now thought of extending its activities to schools in the campus. The CBSE and State Syllabus involve Statistics Part in their Mathematics Curriculum in various classes of higher secondary education. It is handled by Mathematics staffs of the school. They lack the doctrine knowledge of Statistics in respect of its concepts and inferences. They teach it as a part of Mathematical Computations, and main gist of Statistics to be imparted to the levels of students is lost. Our faculties are interested in introducing the basic idea of just mathematical computations is not sufficient but one has to derive the meaning and importance present in the data. The effort is to be made to convince the students the importance of statistics in day to day life.

The department has extended its hands to its advanced learners, who have shown interest in conduct of sample surveys and its analysis. The faculties also help in data analysis.

The Post Graduate students of the Karnatak University, Dharwad approach the faculties of the department in deciding and choosing topic for their Project Work which is included in their curriculum of work. The faculties extend their helping hand in all their project related support work.

Future Plans:

The department is interested in introducing a free statistical package R-software for the benefits of the students of Statistics Course. It is the need of hour for any individual working in Information Technology sector to have knowledge of R-software for advanced data analysis. The batch of students entering the course are to be introduced with this package so as to solve their statistical problems meant in a curriculum for practicals to be solved using R-software. This gives confidence and a privilege over other students to face interviews in IT sector with sound background learnt at degree course.

The department is proud to be a part of producing competent graduates and good human beings who are always in demand at business organizations in particular and society in general and serve for the welfare of the humanity. This can be achieved only by getting feed-back of students and stake holders from time to time.

The department remembers and acknowledges the efforts of the alumni and present students in giving their guidance and feedback in upbringing the SWOT (Strength, Weakness, Opportunity and Threat) analysis of the department.