

# Academic Audit (2019)



**Gurukula Kangri Vishwavidyalaya,  
Haridwar**

(NAAC "A" Grade Accredited Deemed to be University u/s 3 of UGC Act 1956)

**Report On**  
**Academic Audit**  
**Gurukula Kangri Vishwavidyalaya,**  
**Haridwar**



**Academic Audit**  
**IQAC**  
**Gurukula Kangri Vishwavidyalaya,**  
**Haridwar**

**Academic Audit Committee**  
**Gurukula Kangri Vishwavidyalaya**

**Prof. P.P. Pathak**  
Dean Academic Audit

**Prof. R.C. Sharma**  
(External Expert)  
Former Head  
Department of Environmental Science  
HNB Garhwal University  
Srinagar (Uttarakhand)

**Prof. A.K. Jain**  
(External Expert)  
Former Head, Department of Physics  
Indian Institute of Technology Roorkee

**Prof. Surendra Kumar**  
(External Expert)  
Director, Faculty Development Centre  
Former Dean, Faculty of Humanities  
Head, Department of Sanskrit,  
M D University Rohtak

**Prof. R.K. Sharma**  
(External Expert)  
Former Dean Faculty Affaires  
Department of Computer Science & Engineering  
Thapar Institute of Engineering & Technology  
Patiala (Punjab)

# **The Report on the Academic Audit of Gurukula Kangri Vishwavidyalaya (GKV) Hardwar**

## **1. Preamble**

Gurukula Kangri Vishwavidyalaya (GKV) was established in 1902. It was granted the status of "Deemed to be University" in 1962 due to its specific role in Nationalists Movement and being an institute of historical importance. Kanya Gurukula for catering the needs of girls' education was established at Dehradun in 1922. Now, it is the second campus of GKV. Another Kanya Gurukula has been established in 1993 at Hardwar for taking care of the postgraduate education of girl students. The GKV is aimed at disseminating traditional Indian knowledge combining it with the needs of future India. It creates a synthesis of Indian intellectual traditions with the best of modern education of science and technology, management and other emerging programmes of education.

## **2. Academic Audit Committee**

The committee consisted of the following members:

- I. Prof. Ramesh C. Sharma,
- II. Prof. Surendra Kumar, and
- III. Prof. R. K. Sharma

## **3. Dates of Visit**

The committee visited GKV from 5 March 2020 to 7 March 2020 for the purpose of Academic Audit.

## **4. Detailed Academic Audit Report**

The committee visited the following Academic Units.

### **Day 1: 5 March 2020**

#### **(i) Kanya Gurukula Campus, Dehradun**

This campus of the GKV is situated in Dehradun. This campus was recognized as the second campus of GKV by UGC in 1986. The campus offers MCA, MBA, and a few MA programmes. The campus also offers BBA and specific BA programmes. There are in all 16 programmes that are offered on the campus. We noted that this was 2013 when a new programme was started in this campus. The campus should devise strategies to offer new programmes to the students in the region.

The infrastructure at the campus is adequate and the University is also investing in building the new infrastructure at the campus. The campus added 938 new books and 15 new journals in the year 2019.

The campus is having 14 regular faculty members and 8 supporting staff. These faculty members are quite active in participating and organizing academic, co-curricular and extra-curricular activities. In all, 24 activities were organized on the campus in the year 2019. This campus, however, did not witness a new selection/promotion in the year 2019. Possibly, one will be able to see this in 2020.

The Student-To-Teacher (STR) at this campus is 14.73. This is quite healthy. We, however, feel that the campus should make more efforts in attracting students.

This was pleasing to note that 9 students qualified UGC NET/JRF in 2019. As of now, 40 students are registered for their PhD in this campus. The number of journal publications per faculty is 1.39 on this campus, which is not that promising. The faculty members should put in more efforts for improving this ratio, and also the quality of publications.

**(ii) Shraddhanand Vedic Shodh Sansthan**

Shraddhanand Vaidik Shodh Sansthan, a Center for Vedic Research is an important constituent of the Faculty of Oriental Studies. It conducts research especially on Vedas and Sanskrit Shastras. The center has only one faculty (Professor) which has published one book and one research papers in 2019. The faculty member has delivered an extension lecture at S.S.J. Campus of Kumaun University in Almora during the year. Two researchers have been awarded with PhD degree and five students have been registered for PhD in 2019. The center publishes a research journal Gurukula Shodh-Bharati. As per information provided by the center, five students from the center have got teaching/ researcher's positions in various institutions (2 in Cooch Behar Mahavidyalaya, West Bengal, 1 in GGIC, Rudraprayag, Uttarakhand and 2 in Yoga Research Institute, Patanjali Yogapeeth, Hardwar)

Since the Shodh Sansthan is established exclusively for research so it should focus on quality research to fulfill the purpose. Efforts be made for inclusion of the research journal Gurukula Shodh-Bharati in UGC CARE list.

**(iii) Department of Sanskrit**

Department of Sanskrit is a main and important Department under the Faculty of Oriental Studies of the University. This Department offers B.A. Honors (Vidyalankar) M.A. and PhD programmes in Sanskrit. M.A. in Jyotir Vigyan & Vedic Karmakand is also being run under the aegis of Sanskrit Department. Department also offers an optional Sanskrit course at UG level and a compulsory course on Ancient Indian Tradition of Knowledge to all UG Programmes. It has adequate physical facilities to run these offered programmes. The Department has two Professors and two Assistant Professors, one post of Professor is lying vacant. One Assistant Professor to teach Jyotir Vigyan & Vedic Karmakand has also been attached to the Department. The faculty has published 11 research papers in various research journals during 2019. The faculty members have attended 16 National/International Conferences/Seminars in 2019. The Department has organized a National Seminar and a Workshop during the year. The Department has also organized 5 invited lectures in 2019. In addition to it the faculty members have acted as experts/examiners/members in various Academic and professional bodies. During this Academic Audit period 6 students have been awarded with PhD degree. 12 students of Sanskrit Department have passed NET out of which 3 have been awarded with JRF in 2019. 1 student from the Department has joined as lecturer in GIC in Uttarakhand and 2 have joined as Guest Faculty in Gurukula Kangri University Hardwar and CCS University Meerut.

Special achievement of the Department in the year 2019 is that it has established a Vedic Research Center to undertake the interdisciplinary research on scientific facts available in Vedic and Sanskrit literature. Under this center the Department has established a laboratory which is equipped with Psycho Feedback, Neuromax [32-

EEG System], Weather Station, Aerosol Spectrometer, Fine Particulate Sampler, Gaseous Pollutant Sampler, Noise Meter, Hematology Blood Cell Counter and Biochemistry Analyzer. The Department organized a 10 days Free Health Checkup Camp (17.12.2019 to 26.12.2019) in which the impact of Yajna and Meditation on human health was studied.

Department of Sanskrit is doing well, however the Audit Team feels that the research papers by the faculty members be published more and more in the journals of UGC CARE list.

**(iv) Department of Veda**

The Department of Veda is one of the oldest Departments under the Faculty of Oriental Studies of the University. Following programmes (i) B.A. Honors in Veda (Vedalankar) (ii) M.A. in Veda (iii) Ph.D. in Veda and a Diploma in Vedic Karmakand are being run by the Department. The Department has basic facilities to run these programmes smoothly. A Vedic Museum is also being maintained by the Department. The Department has four regular faculty members out of which three are Professors and one is Assistant Professors. Besides that there are three guest faculty members at present in the Department. The Department publishes an International peer reviewed referred research journal “Vedic Vag Jyoti” enlisted in the UGC CARE list. Three doctoral students have been awarded with PhD Degree during 2019. The faculty members have published eight research papers along with two books during 2019. The Department has organized a National Seminar in collaboration with MSRVVP Ujjain in Feb 2019. The faculty members have attended seven Seminar/Conferences and have presented their papers. In addition to it the faculty members have acted as expert members in various academic bodies.

Department of Veda is doing well but the less number of students in Master’s Degree is a concern.

**(v) Department of Hindi**

Department of Hindi comes under the Faculty of Humanities of the University. Department offers Hindi as a course at UG level and MA and PhD programme in Hindi. It also offers a PG Diploma in Hindi Journalism. This Department has two Professors and one Assistant Professor. There is one guest faculty in the Department. The faculty members have published 7 research papers in various research journals and a chapter in a book in 2019. One research student has also published a research paper during the year. Only one faculty member has attended a Workshop in 2019. However 8 research scholars from the Department have attended National/International Seminar/Conferences and presented research papers in 2019. 5 students have been awarded with PhD degree during the year.

The Department enrolled only 07 students in M. A. first Semester in 2019, it is less than the number of students enrolled for Pre PhD course in 2019. It should be a serious concern of the Department.

**(vi) Department of Philosophy**

Department of Philosophy was established in 1962 under the Faculty of Oriental Studies (FOS). As on this day, Department has 6 faculty members who are actively engaged in the development of the Department. These faculty members published 6 articles, and attending 6 seminars during the year 2019. One PhD thesis was also submitted during this year.

The Department engages 15 students in BA, 7 students in BA (Honors), 5 students in MA, and 1 PhD student. One course is offered by the Department to the students of Professional courses. This is also exciting to note that Gurukula Patrika is published by the Department. The Department is interested in starting two 1-year PG Diplomas and one certificate course.

The Department should analyze the requirements, pool of prospective students, and other related aspects before starting these kind of programmes because the Department is facing a challenge of paucity of the students in its Master's Programme.

## **Day 2: 6 March 2020**

### **(vii) Faculty of Engineering and Technology**

GKV Hardwar established Faculty of Engineering and Technology (FET) in the year 2000 when BTech (Computer Science) programme was started. As of now, this faculty offers 4 BTech programmes. BTech (Electronics and Communication Engineering) was started in 2001, BTech (Electrical Engineering) was started in 2002, and BTech (Mechanical Engineering) was started in 2009. This faculty has 5 academic units, 4 Departments for the 4 degree programmes and one Department of Applied Sciences. There are 50 faculty members in this faculty who are involved in teaching and research.

In the year 2019, the faculty members published 19 journal and 6 conference papers. This makes the number of publications per faculty as 0.5. The committee feels that the administration here should look into improving this ratio, and also the quality of publications, which is mixed, as of now.

A good number of books (699) have been purchased in the library in the year 2019. The FET should go for having a local chapter of NPTEL on the campus for the benefit of the students. Three MOUs have been initiated by the Departments of FET in the year 2019.

This is very encouraging to note that FET organized 23 events during the calendar year 2019. One patent from a faculty has also been published during this year. Also, a good number of students (42) have qualified in the national level tests from the Departments of this faculty.

Teaching, research and development are the core areas in the progress of any Institution. This faculty should start the PG programmes as early as possible, following the regulations of the governing bodies.

### **(viii) Kanya Gurukula Campus Hardwar**

The Kanya Gurukula Campus was established in 1993 in Hardwar away from the main campus. The campus has six academic programmes of Arts and Humanities (Sanskrit, Philosophy, Ancient History, Culture and Archaeology; Hindi, English and Psychology) and six academic programmes of Sciences (Physics, Chemistry, Mathematics, Microbiology and Environmental Sciences and Environmental Technology) M.A./M.Sc. and Ph.D. programmes in these departments are offered at this campus. Bachelor in Physical Education and sports (BPES) has also been introduced during 2019. The campus has workable infrastructure and facilities in terms of Administrative Block, Science Block, Arts Block, Computer Centre, Central Library, multiple purpose hall and Vermicomposting Unit. Some indoor and outdoor sports facilities are also available. The campus is equipped with Wi-Fi connectivity. Basic research facilities are also available in each department. There are eight Professors 14 Assistant Professors and 09 guest faculty (Assistant Professor) at the campus. The campus has produced 10 doctoral students during 2019. A total of 57 research papers have been published by the faculty members of the campus during 2019. The Department of Physics has organized one workshop on Academic writing skills & publications on 20 April, 2019. Other departments were also engaged in co-curricular activities during 2019.

Four girl students (Philosophy, Psychology, Mathematics, Chemistry) out of the 12 subjects of the campus have topped the University during 2019. Twelve students



have qualified UGC NET/ CSIR NET / ASRB NET. The students are also getting various fellowships: DST Inspire Fellowship (01), Dr. DS Kothari PDF (01), UGC BSR Fellowship (01). Seven students have qualified GATE during 2019. A total of 50 seminars/conferences/workshops were attended by the faculty members during the year 2019.

All the three positions (Gold, Silver and Bronze) have been grabbed by the girls of Kanya Gurukula, Hardwar in Bhartiya Sanaskriti Gyan Pariksha 2019, organized by Shanti Kunj Hardwar at district level. One young scientist award was also begged by the student of KG Hardwar on 13<sup>th</sup> conference of UCOST during 2019.

**(ix) Department of Botany and Microbiology**

The Department of Botany and Microbiology is one of the oldest departments of the University. It has been running the programmes of B.Sc. (Botany/Industrial Microbiology as one of the optional); M.Sc. Microbiology, and Ph.D. in Botany/Microbiology. The Department has good infrastructure in terms of classrooms, seminar hall, laboratories and research laboratories and Wi-fi facilities. The Department has also been maintaining the Departmental Library with more than 80 e-journals. It has considerable numbers of research equipment including ELISA Reader, HPLC, UV-Vis. Spectrometer, Fermenter, Millipore and Thermal Cycler. The Department has two Professors and three Assistant Professors at the moment. The Department, has organized a National Technology Seminar on “Innovative approaches and Microbiological Techniques” during 8-9 March 2019. The Department has also organized “World Rabies Day” on September 28, 2019. The faculty members of the Department have attended 10 seminars/workshops/conferences in various capacities during 2019. Five students have got placement in various industries. However, off-campus placement of the students has been considerably high. A major research project amounting Rs. 22.0 lacs sponsored by ICMR has been approved during 2019.

Two doctoral students have been produced by the Department during 2019. A total of five students have qualified GATE (01), CSIR NET JRF (03) and (Inspire DST Fellow (01) during 2019. The Department has published 31 research papers in the peer reviewed reputed journals during 2019. The faculty members have good Google Scholar Citations, h-index and Z-10 Index.

Future plans of the department are to strengthen the existing programmes of Bio-priming of seeds, development of probiotic products and bacterial metabolite.

**(x) Department of Mathematics and Statistics**

Department of Mathematics and Statistics started its activities in 1958 offering Mathematics as a course to BSc students. In 1964, they started offering the PG degree, and in 1986, students were registered for their PhD degree.

There are 4 regular and 2 contract faculty members in this Department. Five research scholars are also involved in teaching. The regular faculty members published 17 papers in the year 2019, making the number of publications per faculty members as 4.25, which is quite encouraging. Two PhD degrees were awarded in the year 2019 by this Department. The Department organized 1 invited talk in the year 2019. They should possibly focus a bit more on this activity. The faculty members were quite active in attending academic activities at other institutes in the year 2019.

As of now, 864 students are associated with this Department, 796 at UG level and 68 at PG/Research level. This makes the STR as 55.6, which is highly skewed. The administration should make efforts to reduce this to a reasonable level.

The Department has shown interest in starting the MSc in Statistics which probably will justify the name of the Department as well.

**(xi) Department of Zoology and Environment Sciences**

The Department is one of the oldest departments of the University. The Department has been supported by the programmes of UGC-SAP and DST-FIST on its academic performance. The Department has been running B.Sc. (Zoology is one of the optional), M.Sc. and Ph.D. in Environmental Sciences. The Department has recently introduced a programme of M.Sc. Environmental Technology in 2018. The Department has good infrastructure in terms of classrooms (05), Seminar Hall (02), Committee Room (01), Instrumentation Room (02), Laboratories (02), Research Labs (08), Library (01) and Museum (01). The Department has procured considerable research equipment including AAS, Chromatograph with Detector and UV-VIS Spectro photometer. The Department has three Professors and five Assistant Professors. Seven Doctoral students have been produced during 2019. Two students have qualified UGC NET in 2019. A total of 12 doctoral students are getting various fellowships including BSR Fellowship (02), Rajiv Gandhi National Fellowship (02), DST (03) and Research Associates (03) during 2019. Eight students have got good placements in different organizations.

The Department has initiated an innovative programme on the studies of Molecular Phylogeny and Phylogeographic differentiation among certain species of birds and butterflies along the Himalayan gradients. The faculty members have published more than 32 research papers in the peer reviewed referred journals during 2019. The faculty members have good Google Scholar Citations, h-Index and i10 Index. Faculty members have attended and presented their papers at two international and ten National Conferences. Senior faculty members have also served as Chairperson or resource persons in seven National Seminars. The Department has been running two major research projects sponsored by DST and ICMR, Government of India. The faculty members have received eleven distinctions in terms of awards, fellows, members and President of Academic bodies.

The Department has also undertaken many extension programmes on promotion of public awareness on various environmental issues during 2019. The Department has also organized a National Workshop on “Sparrow Conservation and Management” on March 20, 2019. Five eminent speakers were also invited to deliver lectures and visit the Department during 2019.

The Department has proposed to introduce two programmes (P.G. Diploma in Disaster Management) under future plans.

**(xii) Department of Physics**

Department of Physics started its activities in 1958 offering Physics as a course to BSc students. In 1991, they started offering the PG degree and in 1992, students were registered for their PhD degree.

There are 5 regular and 8 short term contract (Ad-hoc/Guest/TA) faculty members in this Department. The regular faculty members published 15 papers in the year 2019, making the number of publications per faculty members as 3.0, which is quite

encouraging. The h-indices of the faculty members show their research activeness, some of the faculty members may like to work on their publications.

This Department has quite a good number of research collaborations within India and abroad. This is remarkable to note that 11 students from this Department qualified national level tests. The Department organized 3 activities in the year 2019, this should probably be increased. The participation of faculty in conferences etc. is quite heartening. One PhD degree was awarded in the year 2019 by this Department. The faculty members were quite active in attending academic activities at other institutes in the year 2019.

As of now, 841 students are associated with this Department, 795 at UG level and 46 at PG/Research level. This makes the STR as 23.9, which is on a higher side.

The Department has a very reasonable infrastructure and also the laboratory facilities. This Department has appropriately mentioned, seeing the available expertise, that the faculty members shall attract funds from external agencies in the coming years.

**(xiii) Department of Ancient Indian History, Culture and Archaeology**

The Department of Ancient Indian History, Culture and Archaeology is one of the oldest departments of the University, which was established in 1962. The Department has a distinction of being one of the few in the country to offer a programme on Archaeology and Museology at the undergraduate level. The Department is known for its Archaeological Museum having a very rich collection of antiquities from proto-History to Modern age. The Department conducts archaeological explorations regularly and has provided information on the excellent picture of upper Gangetic plain archaeology, and ancient use of landscape and settlement history of mankind. The Department runs the programmes at the undergraduate (History, Archaeology, Museology) postgraduate (Ancient History and Culture and Archaeology) and Ph.D. levels. The Department has reasonably good infrastructure and facilities in terms of classrooms, seminar hall, meeting room, faculty rooms, computer lab and Departmental library. The Department has Professors (03), Assistant Professor (02 including one ad hoc). The Department is well equipped with the non-teaching staff including Curator, Asst. Curator, Asst. Archivist, gallery attendants and MTS. The faculty have published more than seven research papers and a book “Basics of Heritage Conservation” published by Research India Press, during 2019.

**(xiv) Department of English**

The Department of English is one of the oldest Departments under the Faculty of Humanities of the University. The Department offers M.A. and PhD programmes in English. Canadian Studies has been one of the important components of postgraduate teaching and research programmes. The Department is also offering courses on Compulsory English and English Communication for all undergraduate students under CBCS system. The Department has adequate infrastructure. The classrooms are equipped with smart boards. The major focus of the Department has been the Application of Classical Indian Aesthetic Theories to English Literature and Indian Knowledge Traditions in Translations. The Department has contributed to the Encyclopedia of Hinduism. The Department has initiated a project on Encyclopedia of Mahabharata. The Department has three Professors and one Assistant Professor. The faculty members have published 05 research papers and 02 books in 2019. They attended six National and two International

Seminars/Conferences during 2019. They delivered five invited lectures during 2019. Faculty members have got recognition in terms of acting as President, Advisor, and members of many academic bodies and journals. The Department has organized 02 Workshops, 01 National Seminar and a Literature Festival during the year. 11 students of the Department have qualified UGC-NET out of which one has been awarded with JRF during 2019. 08 students have been awarded with PhD degree during 2019. Under future plans the Department intends to start a Certificate programme in English Communication and Personality Development.

We feel that the Department of English has a lot of potential to contribute in academic growth of the University. It can offer Various Certificate Courses/ Diploma Programmes in Foreign Languages to attract the students. Paucity of the students in its Master's Programme should be taken seriously by the Department.

**(xv) Department of Psychology**

The Department of Psychology is one of the important Departments under the Faculty of Humanities of the University. The Department offers MA and PhD programmes in psychology. It also offers courses on psychology at UG level. This Department has 6 faculty members out of which 04 are regular (02 Professors, 02 Assistant Professors) and 2 are on Adhoc basis. The Faculty members of the Department have published 10 research papers in various National and International Journals and 01 article in a Magazine. They have attended 02 National Seminar 03 International Seminar, 04 Workshops/Training Programmes in 2019. One faculty member has delivered 02 invited lectures during the year. 02 research students have been awarded with PhD degree and 02 students have qualified NET in 2019.

In comparison with other contemporary Departments, the Department of psychology has a potential to attract more and more students. But contrary to this the Department was able to enroll only 06 students in Master's Programme in 2019 against approved intake of 20. Only thirty-five percent enrollment at Master's level should be a serious concern of the Department. The Department should make serious efforts to attract students at Masters Level and for this, Department should earnestly think of starting some new programmes which are attractive and relevant.

**(xvi) Department of Yogic Science**

The Department of Yogic Science is one of the new emerging departments of the University. The Department runs the programmes of PG Diploma of 1-year duration in Yogic Science; Certificate Course of 6-month duration in Yogic Science; M.Sc./MA and Ph.D. Yogic Science. The Department has also been teaching Yoga as an elective subject in 3-year UG programmes; Yoga as Generic subject to BA (Hons) and BPEd programmes. The Department has one Professor; one Associate Professor; two Assistant Professors; three instructors and two guest faculty. The Department has organized Yoga Fest; yoga for adolescents during May 2-3, 2019. The Department has also organized International Yoga Day on June 21, 2019. Four invited lectures were also organized by the Department. The faculty members have published eight research papers in peer reviewed referred journals during 2019. The faculty members have attended four National and three international conferences during 2019. Overall 23 students have been enrolled for Ph.D. programmes. Four students are getting various fellowships for their doctoral degree. Six students have qualified UGC NET 2019. Four students have submitted their Ph.D. thesis during 2019. The Department has got appreciation for contributing to Yogic Science by NAAC on March 06, 2019 at Bengaluru. Two students have been selected for joint

project of Ministry of Youth and sports, Govt. of India and United Nations volunteers during 2019. The students of the Department are actively involved in various extension activities for promotion of yoga.

**(xvii) Department of Pharmaceutical Sciences**

The Department is one of the emerging departments of the University. The Department has Professor (01 Contractual) and Assistant Professors (16 including 12 Contractual). The Department has been running the programmes of D. Pharma, B. Pharma and the Ph.D. in Pharmaceutical Sciences. The Ph.D. programmes has been introduced during 2019 only. It is surprising that the University has approved the Ph.D. programme, without the existing of Masters in Pharmaceutical Sciences. The faculty members have published only two research papers during 2019, which shows a poor performance. However, the Department has good performance in terms of publications during 2018. The Department has organized a National Pharmacy week during November 18-23, 2019. There are two on-going sponsored major Research projects at the Department. The committee strongly feels for making concerted efforts by the Department/University to start the Masters programmes in Pharmaceutical Sciences.

### **Day 3: 7 March 2020**

#### **(xviii) Department of Chemistry**

Department of Chemistry also started its activities in 1958 offering Chemistry as a course to BSc students (along with Department of Physics and Department of Mathematics). In 1985, they started a PG Diploma in Commercial Methods in Chemical Analysis (CMCS) and converted this into MSc programme in 1991. Students were registered for their PhD degree in 1993 in this Department.

This Department has 8 regular faculty members. The MSc programme in CMCS is quite in demand and the students going through this programme are placed well. The average salary offered to these students is Rs. 20,000/= as mentioned by the Head of this Unit. The Department in collaboration with the placement cell should work on somehow increasing this amount. They can also showcase the salary received by a student in in last 5/10 years, say, in order to tell the growth story to potential students.

This is disheartening to note that Department could not add any new infrastructure/instrument in the year 2019.

This is, however, encouraging to note that 2 research projects are under active consideration of the funding agencies (1 each in UGC and DST).

The committee members feel that the Department may like to propose a new programme in Chemical Biotechnology.

#### **(xix) Faculty of Management Studies**

Faculty of Management Studies (FMS) has only one Department, namely, Department of Management Studies. They offer Bachelor of Business Administration (BBA), Master of Business Administration (MBA), Master of Business Administration (Business Finance) (MBA (BF)), Master of Business Administration (Business Economics) (MBA (BE)) and Ph.D. programmes in this Department. This Department has 10 faculty members who are involved in the development of the Department.

The current student strength of the Department is 224, this gives the STR as 22.4. This STR seems reasonable. However, there are some programmes that are not that popular and the Department may like to devise techniques to attract students in these programmes.

The faculty members published 24 journal articles (out of which 17 were in indexed journals), 2 popular articles, 5 books, and 4 book chapters. Sixteen students of this Department qualified national level tests during the year 2019. The faculty members may like to focus on improving the quality of publications, publishing in ABDC list, publishing the cases in standard repositories etc.

The Department is quite active in revisiting the syllabi of different courses. The Department is also active in organizing expert lectures, and conducting social awareness programmes.

This is also notable that Department wants to propose a new programme MBA (Tourism) and also interested in going for international accreditations.

**(xx) Faculty of Technology**

This faculty has one Department, namely, Department of Computer Science associated with it. The Department offers Computer Science as one subject at BSc level, MCA, and PhD programmes. There are 7 faculty members in this Department who are actively involved in its development. In the year 2019, these faculty members published 14 journal papers and 5 conference papers. This results in the number of journal publications per faculty as 2. This ratio is quite satisfactory. However, the Department may like to improve this and may also like to improve the quality of publications, say, publishing in SCI/Scopus indexed journals only. In the year 2019, 116 students have been associated with this Department, excluding the undergraduate students.

One research project has been received by the Department in the year 2019. Seven students from this Department received their PhD in the year 2019; 2 students out of these 7 were being guided by the faculty members at Kanya Gurukula Campus, Dehradun. Seven students have again submitted their theses in this year, 1 student out of these 7 was associated with a faculty member at Kanya Gurukula Campus, Dehradun. Faculty members are also quite active in attending the conferences/workshops. The Department also organized 2 expert lectures and 3 workshops in the year 2019.

This is notable that this Department is planning to start a new programme of MSc in Data Science. Is it possible that the Department names this programme as ME/MTech in Data Science? This may help in marketing this programme.

This Department may also like to start computer awareness / data security awareness courses for the faculty/staff of the University.

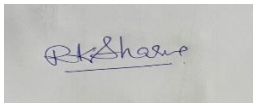
**(xxi) Department of Physical Education and Sports**

The Department of Physical Education and Sports is also one of the emerging Departments of the University. The Department has been conducting the programmes of BPES (BA Hons), M.P.Ed. and Ph.D. The Department has one Professor, five Assistant Professors and one guest faculty and two coaches. The faculty have attended five conferences in various sports. The Department has published one book along with two research papers during 2019. Two students have qualified UGC NET in 2019. Few students have got good placements during 2019. The Department has reasonably good infrastructure in terms of one 400 m standard track, 14 grounds/courts for various sports, six class rooms, four labs, one departmental library and faculty rooms. Future plan is to start PG Diploma in Health and Fitness.

**General Suggestions:**

- A. The University should work on attracting the teaching staff at middle level.
- B. The University may like to consider quality publications as a requirement for the award of PhD degree.
- C. The University may consider some kind of incentive for quality publications.
- D. The University may consider starting few co-curricular activities for students under various society activities (such as Paryavaran Welfare Society, Fine Arts and Painting Society, Computing Society, Microsoft Chapter, etc.) at faculty level. This will help in the developing interdisciplinary approach amongst students.

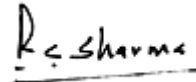
- E. The administration may like to include the h-index of the Departments, and also the h-index of University in various presentations.
- F. The alumni relations cell may be strengthened by including Department Coordinators. The Departments in turn may have their own committee at Departmental level.
- G. The process of evaluating the POs and CLOs should be initiated.
- H. The Departments should initiate some kind of remedial classes for slow learners.
- I. The publications by GKV faculty in the journals/magazines published by GKV should be limited.
- J. The Departments which are affected from paucity of the students in their Masters Programmes should make serious efforts to attract the prospective students.



(Prof. R.K. Sharma)



(Prof. Surendra Kumar)



(Prof. Ramesh C. Sharma)