

Annual Quality Assurance Report

(AQAR)

2011-12



INTERNAL QUALITY ASSURANCE CELL (IQAC)

Gurukul Kangri Vishwavidyalaya, Haridwar-249 404

(Deemed to be University u/s 3 of UGC Act 1956)

www.gkv.ac.in

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Basic Information

Gurukula Kangri Vishwavidyalaya, Haridwar – 249 404

Officers at present

Vice Chancellor	Prof. Surinder Kumar
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Registrar	Prof. Vinod Kumar
	Phone 01334- 311881 Office 01334- 240403 Residence Email registrar@gkv.ac.in
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The Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution: **Gurukula Kangri Vishwavidyalaya**

Haridwar 249 404 (Uttarakhand)

Year of Report : 2011-12

Section A: The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

Plan of action In 2011-12, besides the other performance, the Vishwavidyalaya emphasized on the following aspects in addition to on-going development :

1. Building extension of various Departments
2. Construction of Main Office of the Vishwavidyalaya.
3. Up gradation of Technology

Outcome Achieved

1. Building Extension of the various departments was started during 2010-11. The work is still in progress. However the construction work completed during 2011-12 is given in Annexure -11.
2. Construction of building of Main Office of the Vishwavidyalaya, which was started in Aug. 2010, is almost nearing completion and will be ready for use in next session.
3. Many Departments of the Vishwavidyalaya have developed/upgraded various technological facilities for Faculty and research students (*see* serial No. 28). Under NMEICT project of MHRD, the Vishwavidyalaya has submitted a proposal to the BSNL (Haridwar) for establishing WiFi connections to all the departments/ Offices/ Library, etc. Under this project, one GBPS OFC has already been laid down by BSNL.

4. A newly constructed gymnasium hall was inaugurated by Dr. Meeira Kumar, Hon'ble Speaker, Lok Sabha in presence of Hon'bel Chancellor Shri Sudarshan Sharma.
5. Newly constructed Badminton court was inaugurated by Mr. Heren Pathak, MP in presence of the Vice-chancellor of the Vishwavidyalaya.

Section B

1. Activities Reflecting the Goals and Objectives of the Institution

- (i) Working days of the Vishwavidyalaya start with 'Agnihotra' by the teachers, non-teaching staff and students at around 9:30 AM that purifies the environment.
- (ii) Classes of yogic practices are held regularly in morning. The interested persons join the classes and avail its benefits.
- (iii) The 23rd December 2011, was celebrated as *Shraddhanand Balidan Diwas* (Shraddhanand Sacrifice day) as a mark of respect and, to pay homage to Swami Shraddhanand, the Founder of Vishwavidyalaya in 1902. A huge procession was started with multifarious thematic *Jhankees* from all the Departments reflecting new message to the society particularly the youth about the goal and contribution of the Vishwavidyalaya. The procession took a round of the city.

A week long celebration was carried by the Vishwavidyalaya including inter-university and inter state tournaments.

- (iv) Newly constructed Gymnasium Hall was inaugurated by Chief Guest Dr. Meeira Kumar, Honourable Speaker, Lok Sabha, Govt. of India and Chancellor of the university Sh. Sudarshan Sarma with other dignitaries of the university on 05-03-5011.
- (v) Newly constructed Badminton Court at Dayanand Stadium was

inaugurated by Chief Guest Mr. Haren Pathak, Member Parliament, Gujrat and Vice Chancellor Prof. Swatantra Kumar on 22-04-2011.

2. New Academic Programmes/Courses Initiated

- (i) Vedic Shodh Sansthan has undertaken the editing of Vedbhashya.
- (ii) In the department of Human Consciousness & Yogic Science following developmental works were carried out:
 - A. Naturopathy Lab. was inaugurated in the academic interest of students and therapeutic purpose of the patients.
 - B. The Construction work of Yoga Training Hall for the practical classes was started by laying down its foundation stone.
 - C. A special provision was made to introduce Alternative therapy and Marma therapy in the course curriculum of MA/MSc. & PG Diploma to make the student competent for market requirements in the Indian society and aboard.
- (iii) An interactive competition, “Kaun Banega Gyan Samrat” was organized by the Department of Ancient Indian History, Culture & Archaeology.
- (iv) A new activity viz. river rafting camp for 10th batch of B.P.Ed. was organized during 21-22 March 2012.
- (v) Department of Zoology & Environmental Science organized a National Workshop on Examination Reforms in higher education during 14-18 May 2012.

3. Innovations in Curricular Design and Transaction

- (i) New Curriculam with semester systems of examination was introduced for M.A., M.Sc. & P.G. Diploma in Human Consciousness & Yogic Science, Certificate Course in Yoga, B.P.Ed. and B.A., Vedalankar &

Vidyalankar.

- (ii) Syllabus of History, Archeology, Meusiology & Culture was designed in modern perspectives by the Department of Ancient Indian History, Culture & Archeology.
- (iii) U.G. & P.G. syllabus was modified by Physics Department where few papers were introduced in IV Semester of M.Sc. A new specialization in Atmosphere Physics was introduced and started.
- (iv) Two new papers were introduced in IV Semester w.e.f. 2012 by Department of Zoology & Environment Science.
- (v) Syllabus was modified by Department of Computer Science.
- (vi) Department of Computer Science and Engineering (of FET) introduced seven new subjects in syllabus and four new labs were introduced. Department of Electronics and Communication Engineering (of FET) also introduced seven new subjects. Department of Mathematics (of FET) introduced a new lab of numerical analysis.
- (vii) The syllabus of B.A./Vidyalankar/Vedalankar (Physical Education) was revised in meeting of Board of Studies.
- (viii) Faculty of Management Studies gave emphasis on case-based teaching.
- (ix) Vocational courses were organized for rural & urban females by Faculty of Life-Long Learning.

4. Inter-disciplinary Programmes Started

Ph.D. scholars of Sanskrit, Ved & Shraddhanand Vedic Shodh Sansthan were given the knowledge of computer use in research programme. One day interdisciplinary course in Yoga & Naturopathy was organized by Department of Human Consciousness & Yogic Science. Department of English contributed to a CBSE project on knowledge tradition and practices of India.

Orientation program for various cadres were organized by Faculty of Life-Long Learning.

Quiz, poster, debate, dance & computer work organized by Department of Sanskrit, KGC, Hardwar.

5. Examination Reforms Implemented

No further reforms were made in this session except timely bringing out results and sending mark sheets, etc. to the candidates. Results of all examinations are also made available on the website of the Vishwavidyalaya, www.gkvharidwar.org.

6. Candidates Qualified : NET/SLET/GATE, etc.

Students of Different departments of the Vishwavidyalaya qualified the NET/SLET/GATE. The available data are as below :

- (i) Sanskrit – NET/JRF – 01, NET/LS- 01
- (ii) Mathematics – NET/JRF - 02
- (iii) Physics – GATE – 01
- (iv) Zoology & Env.Sc. – NET/SLET/GATE – 1
- (v) Computer Science – One faculty cleared NET

Kanya Gurukul Campus, Hardwar

- (i) Microbiology – NET – 01, GATE – 01
- (ii) Hindi – 01
- (iii) Chemistry – NET – 01

Faculty of Engineering & Technology

CAT – 03, GATE – 05, IES - 01

Dept. of Pharmaceutical Science

NET/SLET/GATE/GPAT – 03 Teachers

7. Initiative Towards Faculty Development Programme

Faculty members of the Vishwavidyalaya are regularly attending the Refresher Courses/Orientation Programmes. Eighteen Faculty members attended Orientation/Refresher courses at various Universities in the country during 2011-12.

See Annexure-1

8. Total Number of Seminars/Workshops Conducted in 2011-12

A total of sixteen Seminars/Symposia/Conferences/Workshops were organized in 2011-12

See Annexure-2

9. Research Projects

(a) Newly submitted/granted in 2011-12 : 02

See Annexure-3 (a)

(b) Project in progress in 2011-12 : 08

See Annexure-3 (b)

(c) Project completed in 2011-12 : 02

See Annexure-3 (c)

10. Patents Generated, if any

Nil

11. New Collaborative Research Programmes

(i) Prof. R.D. Kaushik, Department of Chemistry has signed an MOU with

Institute of Chemical Engg. Bulgarian Academy of Science, Sofia, Bulgaria.

- (ii) Prof. R.D. Kaushik and Prof. R.D. Singh of Chemistry Department are having collaborative research projects with CBRI Roorkee.
- (iii) FET, CSE has allied with Microsoft Technologies to teach the subject on latest techniques.
- (iv) An MOU was signed by Vice Chancellor GKV and Director Aryabhatt Research Institute of Observational Sciences (ARIES) Nainital to have a collaboration in research. This will enable P.G. & research students of GKV to work freely at ARIES.

12. Research Grants Received from Various Agencies (2011-12)

: ₹ 10,67,910.00

13. Details of Research Scholars

Total = 370

Department wise list enclosed

See Annexure-4

14. Citation Index of Faculty

Research publications of the faculty members are continuously cited by the authors in their publication published in different journals of national and international repute. One of the staff members viz. Dr. Suhas of Chemistry Department has total citations of 1500 and one of his research papers has crossed 250 citation mark.

See Annexure-5

15. Honours/Awards to the Faculty

The faculty members of different departments were honoured/awarded during 2011-12.

See Annexure-6

16. Internal Resources Generated

- (i) Several Self-financing courses are being run by the Vishwavidyalaya such as (M.B.A., B.Tech., B.P.Ed, and B. Pharm.). The funds generated were utilized to meet the overall expenditure incurred for those courses. In 2011-12, the amount ` **10,16,25,958.00** was generated through above mentioned courses as under:

M.B.A. - ` 1,29,47,124.00

B.Tech. - ` 7,60,33,483.00

B.P.Ed. - ` 19,36,420.00

B.Pharm. - ` 1,07,08,931.00

Total - ` 10,16,25,958.00

- (ii) In our Vishwavidyalaya there are some paid seats in several P.G. courses such as Physics, Chemistry, Maths, Microbiology, Environmental Science and MCA. In 2011-12, the amount of ` 36,89,690.00 was generated through such paid seats.

17. Details of Departments Getting SAP, COSIST (ASSIST)/ DST-FIST, etc. Assistance/recognition

Physics Department was granted an assistance of ` 81 lac under FIST programme of DST Govt. of India.

Department of Zoology & Environment Science was sanctioned ` 47 lac under SAP of UGC.

An assistance of ` 6,57,000/- was received under SAP in the Dept. of Zoology & Environment Science during 2011-12.

18. Community Services

In addition to teaching and other duties in Vishwavidyalaya, many faculty members of the Vishwavidyalaya extended community services through different service schemes viz. NSS and NCC.

See Annexure-7

19. Teachers and Officers Newly Recruited- NIL

20. Teaching – Non-teaching Staff Ratio : 1:1.59

21 & 22 Improvements in the Library Services & New books/ journals Subscribed and their Value during 2011-12

(i) Our Library provides facility of 4,000 Research Journals to the research scholars and teachers through the U.G.C. INFLIBNET Programme and readers have been benefited during 2011-12 through e-journals.

(ii) On 31-03-2011 we had **1,54,244** books enlisted at Central Library and **2668** books costing ` **4,71,053/-** were purchased during 2011-12. The total no. of books becoming **1,56,912**.

In addition, the following faculties/departments have their own library:

Faculty/Department	Books on 31-03-2011	Purchased during 2011-12	Cost in ,	Total on 31-03-2012
a) KGC Hardwar	14344	1526	686508	15840
b) KGC Dehradun	18243	744	454700	18987
c) FET	21994	625	261510	22619
d) FMS	9514	91	52561	9605
e) FOT	4892	113	33081	5005
f) FAMS	380	165	69728	545
g) Physical Education	867	-	-	867
h) History	260	45	77150	305
i) Museum	2631	246	309558	2877
TOTAL	73125	3555	1683286	76650

Thus, there is overall total of **2,27,369** books as on 31-03-2011 in all libraries of Vishwavidyalaya. **6,223** books were added during the year 2011-12. Total on 31-03-2012 becoming **2,33,592**.

(iii) This library has published a 'Current List of Periodicals-2010' that consists of all the research journals/magazines subscribed by the library. It helps the researchers and teachers coming from other colleges/Universities to avail the benefits.

(iv) Shraddhanand Anusandhan Prakashan Kendra of the library brought out following books:

(a) Vols. 5, 6, 7 of Rigvedabhashyam (first four volumes were brought out last session 2010-11. This could not be mentioned in last year's report)

(b) Ved vimarsh

(v) Journal subscribed

No. of Journals/Magazines subscribed : 52

Cost of the Journals/Magazines : ` 52,899/-

23. Courses in which Student Assessment of Teachers is Introduced and the Action Taken on Student Feedback

In the courses of B.Tech., M.B.A. and M.B.A.(BF) students assessment of teaching staff has been introduced in 2011 and 2009 respectively. On the basis of which FET gives a "most popular teacher" award every

year and FMS gives “Best teaching staff” award to teacher scoring maximum points.

24. Feedback from stakeholders

The feed back in the form of constructive suggestions from student’s parent and the employer are duly incorporated in programmes/syllabi.

25. Unit cost of Education

(a) With salary ` 80,923.97

(b) Without salary ` 19,372.63

26. Computerization of Administration and the Process of Admissions and Examination Results, Issue of Certificates

(i) The office is fully computerized up to the level of section officers. The Vishwavidyalaya has established its own Website Cell to make public the recent activities and any future programme. Dr. Mayank Agrawal is the Incharge of this Cell.

(ii) The process of admission to all M.Sc course, MBA and MCA is already computerized.

(iii) Issue of mark sheets is fully computerized. Results of all examinations are also put in the website of the Vishwavidyalaya i.e. *www.gkvharidwar.org*

(iv) Issue of degree/diploma/certificate is also computerized.

(v) This year the pay-roll of staff in Establishment Section and Enrollment of students have been computerized.

27. Increase in the Infrastructural Facilities

The following infrastructure facilities have been added in 2011-12:

Several Departments and Faculties such as the Department of Zoology and Environmental Sciences, Botany and Microbiology, Physics, Computer Science, English, Ved, Sanskrit, Human Consciousness and Yogic Science, Faculty of Engineering and Technology and Faculty of Management Studies have increased substantial number of equipment/apparatus including laptop, LCD projector and K-Yan. In particular, a weather station is installed at the Department of Physics and a spectrum analyzer has also been purchased.

28. Technology Upgradation

- (i) The Department of Mathematics & Statistics, Department of Zoology & Environmental Science, Department of Physics and Department Sanskrit (KGC, Haridwar) have introduced the different audio-visual techniques in teaching.
- (ii) The Faculty of Engineering & Technology has established a computer laboratory having 60 nodes at the Department of Computer Science & Engineering.
- (iii) The Department of Management KGC, Dehradun has upgraded the computers available with them.
- (iv) The Faculty of Management Studies has started the use of different software viz. SYSTAT & SPSS for different academic purposes.

29. Computer and Internet Access and Training to Teachers and Students

- (i) Most of the teachers of the Vishwavidyalaya have computer/Laptop and internet access in their respective Departments.
- (ii) Many teachers are well trained in Computer.
- (iii) A separate paper based on Computer Application is included in the syllabi of most of the Department where ever required. This helps the students to learn computer-based study which ease them in job searching.

30. Financial aid to Students

Each year the students are given Merit cum poor Boys Scholarship. The SC/ST students receive regular scholarship through social welfare Department, Haridwar, and the other states.

See Annexure- 8

31. Activities and Support from the Alumni Association

Dr. P.C. Joshi, Associate Professor, Department of Zoology & Environmental Sciences is the Coordinator cum Secretary of Alumni Association. No meeting was held during 2011-12.

32. Activities and Support from the Parent–Teacher Association (PTA)

Dr. L.P. Purohit, Associate Professor, Dept. of Physics is the Coordinator of Parent-Teacher Association. He called upon a meeting of PTA on 15-11-2011 at 11 AM in the Faculty of Science in which a large numbers of guardians and some teachers joined the meeting .The guardians emphasized the need for increase in hostel facility. Many guardians suggested for the creation of students welfare fund. Students present in the meeting suggested the need for allotment of a meeting

room for PTA in each of the campuses. Outstation guardians can use that room to meet their ward when they come to see them. Teacher representatives of PTA, other teachers and students present in the meeting vowed to work to upgrade the Vishwavidyalaya from 'C' category to higher grade (i.e. A or B). Many parents/guardians showed inability to participate in meeting due to lack of time.

33. Health Services

Gurukul Ayurvedic Medical College and Hospital is situated juxtaposed to the campus of the Vishwavidyalaya. The employees avail the medical facilities time to time from this Hospital. Moreover, the services of other medical colleges/and hospitals in Haridwar/Dehradun are also approved and they are on the panel of Vishwavidyalaya. The medical benefits are availed by the employees in view of the recommendations made by the medical officers/doctors of the hospitals listed in the panel of Vishwavidyalaya. A lump sum amount of 20,000/- is also reimbursed per year for the petty medical expenses incurred by all the employees.

34. Performance in Sports activities

1. Mr. Dharmendra of M.A. Yoga won the first prize in Uttarakhand State Yoga Championship 2012.
2. University Basket Ball team won the champion trophy of Udghosh December 2012 at IIT Kanpur.
3. Department of Physical Education & Sports organized the Interfaculty tournament of Cricket, Cross Country, Basketball, Volleyball, Football, Lawn Tennis, Squash Rackets, Table-Tennis and Athletics Meet to make the students skilful and to show up their talent in the North Zone & All India Interuniversity tournaments organized by the various

universities under the supervision of AIU.

4. The winning trophy of the “Athletic Meet-2011” was awarded to Mr. Anuj Kumar “Best Athlete” by Honorable Chief Minister of Uttarakhand Retd. Major General Sh. Bhuwan Chand Khandudi at Dayanand Stadium on 29-11-2011.
5. In the athletic meet, two events 100m race and shot put were organized by Department of Physical Education & Sports in two categories viz. below and above 45 years of age.
6. Department of Physical Education smoothly shared the responsibility to organize the All India Swami Shraddhanand Hockey Tournament organized from 24-12-2011 to 29-12-2011 at Historical hockey ground, GKV, Haridwar.
7. University Pistol & Peep Sight Shooting Players performed well in the All India Inter-University Pistol & Peep Sight Shooting (M) Championship held at Jiwaji University, Gwalior (M.P.) from 01-02-2012 to 04-02-2012.
8. University Cross Country team players performed well in All India Inter University Cross Country (M) Championship held at MDU, Rohtak on 02-09-2011.

35. Incentives to Outstanding Sports Persons

The outstanding sports persons were given the following incentives :

- (i) As per sports council approval, refreshment is given to the team member's selected by the university selection committee constituted by the competent authority for the coaching camp's conducted by department for perfection in skill of the team for the NZ/All India Interuniversity Championship's is ` 60/- per day (2 –sessions in a day).

- (ii) D.A. of ` 181/- per day per player is given to the every team member during North Zone/All India Inter University Championship.
- (iii) Refreshment of ` 35/- on the date of the university team match/event in North Zone/All India Inter University Championship is given to the player.
- (iv) Sports kit is given to the team member of the different games & sports during the North Zone/All India Interuniversity Championship every year.

36. Student Achievements and Awards

Six students of various disciplines have been honours/awarded during 2011-12.

See Annexure-9

37. Activities of the Guidance and Counseling Unit

The Govt. of Uttarakhand is running an Employment Bureau in the Vishwavidyalaya Campus. A senior teacher of the Vishwavidyalaya has been assigned an additional responsibility as Teacher In-charge for looking after the Cell.

In addition, the Vishwavidyalaya has established a separate 'Placement Cell'. The Teacher – Incharge of this Cell is Dr. Mayank Agrawal of Faculty of Engineering and Technology.

38. Placement Services Provided to Students

The Placement cell of the Vishwavidyalaya is very active providing assistance to student time-to-time. Placement Cell has also provided a

portal at the website of the Vishwavidyalaya covering all points for guidance and counseling. The output of the cell is as below :

- (a) It prepares placement brochures of students department-wise and communicates to companies. Also it contacts companies and requests to visit and conduct campus interviews.
- (b) It coordinates and arranges the campus recruitment and the off campus recruitment of students of the concerned department.
- (c) During 2011-12, the Placement Cell facilitated the following number of students to get selected by various companies.
 - (i) M.C.A. : 08
 - (ii) B.Tech. : 65
 - (iii) M.B.A. : 16
 - (iv) M.Sc. (Chemistry, Env.Sci. & Micro.) : 16
 - (v) B. Pharm. : 10

See Annexure-10a

List of Students Selected (Campus Placements) in 2011-12

See Annexure-10b

The list of companies visited (on campus + off Campus) 2011-12.

39. Development Programmes for Non-teaching Staff

A one week programme “Orientation on office management” was held from 17-01-2012 to 23-01-2012 for staff of LDC, UDC and Office Assistant level.

40. Good Practices of the Institution

1. On each working day proceeding of the Vishwavidyalaya starts with *Agnihotra*
2. The Department of *Yoga* conducts daily *Yogic* Practice under the supervision of trainers, where many students and teachers participate this programme.
3. All the students of B. P. Ed., B.Tech., B. Pharma., M.B.A., M.C.A. and Kanya Gurukul Campus follow the dress code.
4. Oriental Study-based courses are taught to every graduate student.
5. Some of the departments have Inter-Faculty Teaching Programme.
6. Vishwavidyalaya has a Student Welfare Association constituted through electoral process as per Lingdoh Committee recommendations each year.
7. Vishwavidyalaya has its own well-defined calendar to which it follows for every activity.

41. Linkages developed with National/International, Academic/

Research Bodies

- (i) Physics Department made successful efforts in getting MOU signed between Gurukul Kangri Vishwavidyalaya and Aryabhata Research Institute Observational Science, Nainital in September 2011. The MOU was signed by Hon'ble V.C. of GKV and the Director of the said Institute.
- (ii) Env. Sci. of KGC Haridwar has collaboration with Indian Institute of Remote Sensing Dehradun and National Institute of Hydrology Roorkee, where research students work on their research topic.
- (iii) Dr. Suhas of Chemistry Department made international collaboration with Dr. Silvia Roman-Suero, Department of Applied Physics,

University of Extremadura, Badajoz, Spain for research projects along with other partners from Department of Urban Water and Sanitation, UNESCO Institute for Water Education IHE The Nietherland.

- (iv) Prof. Dinesh Chand Bhatt is acting as a member, Scientific Committee of XXIX International Bioacoustics Congress, Pirenopolis, Barazil, being organized by International Bioacoustics Council, U.K.
- (v) FET made successful efforts in getting MOU signed between Gurukul Kangri Vishwavidyalaya and Institute of Chemical Engg., Bulgarian Academy of Sciences, Sofia, Bulgaria on 14th February 2012. MOU was signed by Hon'ble V.C. of GKV and Director of the said Institute.

42. Action Taken Report on the AQAR of the Previous Year

As described on p.2

43. Any Other Relevant Information the Institution Wishes to Add

- (i) Prof. Roop Kishor Shastri from Department of Ved is deputed in Maharshi Sandipani Ved Vidya Pratisthan (M.H.R.D.) Ujjain as Secretary.
- (ii) The department of Ancient History, Culture and Archaeology has organized a 12 days tour & field survey in Maharastra in which they impart training on various aspects of archaeology to the student.
- (iii) Prof. P.P. Pathak is working as Local Coordinator of International Olympiad in Physics, Chemistry, Biology, Astronomy and Junior Science conducted by Indian Association of Physics Teachers.
- (iv) Prof. Dinesh Chandra Shastry chaired a session in conference, "Wider Association of Vedic Studies (WAVES-2012)" on 16-03-2012 at Dev Sanskriti Vishwavidyalaya, Haridwar. He was also the member of Board of Studies at Uttarakhand Sanskrit Vishwavidyalaya.

- (v) Department of Life Long Learning organized short-term training programs in District Jail Haridwar.
- (vi) Kanya Gurukul Campus Haridwar has brought out a magazine named “Vaagaarth”.
- (vii) Dr. Padma Singh of Microbiology Department of KGC Haridwar attended an International Seminar at Copenhagen (Denmark).
- (viii) Department of Environment Science, KGC, Haridwar celebrated Ozone day on 16-09-2011 and Wild Life week (1-7 October 2011).
- (ix) Dr. Mridul Joshi presented a research paper “The Indian life depicted in post-independence Hindi Poetry” at an international conference at Belgium.
- (x) Faculty of Department of Human Consciousness & Yogic Science have attended conferences as follows: (i) Prof. Ishwar Bharadwaj – one International, 05 National (ii) Dr. Rakesh Giri – 03 National (iii) Dr. S.K. Tyagi – 01 International, 03 National (iv) Mr. Udham Singh – 02 International, 04 National.
- (xi) Dr. L.P. Purohit of Physics Department and coworkers presented four papers at various conferences (two at GKV, one each at Manipal University and VIT University, Vellore). He also chaired a session at Maya Institute of Technology, Dehradun. Dr. Pawan Kumar of same Department presented one paper each at a conference in GKV and at DAV College, Kanpur. Dr. Himanshu Gupta attended two workshops one on Research Methodology and another on Advances in Physics & Role of Experiments in Physics Teaching, both at GKV. Dr. Hemwati Nandan of Physics Department participated in 6th Uttarakhand State Science and Technology Congress held at SSJ Campus, Kumaun University, Almora, Uttarakhand. He has also delivered a keynote address during National Seminar on Recent Trends in Micro and Macro Physics (NSRIMMP-2011) held at Govt. P.G. College Gopeshwar, Uttarakhand during 12-13 October 2011. Dr. Nanadan is also involved in the development of low cost experiments in Physics.
- (xii) Dr. Suhas of Chemistry department attended two International

Conferences, one at Panji, Goa and another at GKV Haridwar.

- (xiii) Prof. C.P. Khokar of Psychology department Chaired a scientific session on “Nature of positive thinking in Jain & Budh Philosophy” in National Seminar at GKV Haridwar.
- (xiv) The faculty members of different departments at FET participate in different seminars/conferences in the field of Basic Sciences & Applied Sciences Engineering and Technology to present their research work. In particular, Mr. Vipul Sharma presented a paper in an International Conference on Advance computing and Communication Technology (ACCT II), Rohtak (during Jan. 20-22, 2011). Dr. Lokesh Joshi presents a paper in a National Conference on Recent Advances in Applied Mathematics held at IIM University, Gurgaon on Feb. 18, 2012.
- (xv) Prof. Vinod Kumar of Computer Science Department participated in a National Conference on “Philosophical Aspects of Positive Thinking and its Significance in Modern Scenario” on 26 March 2012 at GKV Haridwar. He also attended and worked as a member of Organizing Committee of “World Congress for Man and Nature” during 8-14 Nov. 2011 at GKV.

Section C

Outcomes Achieved by the End of the Year

- (i) Some of the Departments have modified their syllabi.
- (ii) As per goals and objectives of the Vishwavidyalaya (*i.e.* to maintain high moral values and to accommodate the modern with simultaneous preservation of our rich heritage) several seminars/symposia/workshops were conducted by the Departments.
- (iii) Building extension and construction of Central Office and some

Departments is in progress.

- (iv) Faculty members of some of the Departments have developed linkage with some National/International Institutions.
- (v) Faculty members have shown their capabilities through quality teaching and research, as reflected through their publications and success of the students in the form of placement.
- (vi) The Vishwavidyalaya has renovated its gate, Dayanand Dwar.
- (vii) Extension of Guest House has been completed and now it is functional.
- (viii) New roads, Animal House, etc. have been constructed.

Section D

Plan of the Institution for the next year

The Vishwavidyalaya intends to focus mainly on the following aspects, in addition to all round development:

- (i) All the departments must be well-equipped.
- (ii) The construction of the new buildings of the Department of Computer Sciences and Pharmaceutical Sciences, Department of Physics, Department of Zoology and Environment Sciences, Central Office, Kanya Gurukul Mahavidyalaya (Jwalapur) must be completed.
- (iii) Extension of building of the Department of Botany and Microbiology must be completed.
- (iv) The vacant/new posts sanctioned by the U.G.C. must be filled up.
- (v) Laboratory must be equipped after handing over of the building to the respective Departments.

Prof. Vinod Kumar
Dept. of Computer Science
Coordinator, IQAC

Prof. Surinder Kumar
Vice Chancellor
Chairman, IQAC

Annexure – 1

List of Faculty Members Attended Refresher Courses in 2011-12

1. Dr. Rishi Kumar Shukla, Department of Chemistry
2. Dr. Mridula Joshi, Department of Hindi, K.G. Campus, Haridwar
3. Dr. Babita Sharma, Department of Philosophy, K.G. Campus, Haridwar
4. Dr. Abha Sukla, Department Chemistry, K.G. Campus, Haridwar
5. Dr. Vivek Goel, Department of Mathematics, FET
6. Dr. Sangeeta Madan, Department of Environment, K.G. Campus, Haridwar

Orientation Courses Attended

1. Dr. Suhas, Department of Chemistry
2. Dr. Richa Saini, Department of Physics, K.G. Campus, Haridwar
3. Dr. Ritu Arora, Department of Mathematics, K.G. Campus, Haridwar
4. Dr. Himanshu Gupta, Department of Physics
5. Dr. Prashant Tawatia, Department Chemistry
6. Dr. Pramathesh Bhattacharya, Department of English
7. Dr. Sagaram Verma, Department of Mathematics
8. Dr. Vipul Bhatt, Department of Economics
9. Dr. Vinod Kumar, Department of Zoology & Environment
10. Dr. Harendra Kumar, Department of Mathematics
11. Dr. Ajendra Kumar, Department of Mathematics

12. Dr. Gagan Mata, Department of Zoology & Environment

Annexure – 2

Seminars/Symposia/Conferences/Workshops Conducted in 2011-12

1. Department of Botany & Microbiology organized a workshop for the preparation of “Biotechnology Glossary” from 17-20 May, 2012.
2. Dept. of Physics organized a Workshop on Advances in Physics and Role of low cost Experiments in Physics Teaching at Gurukula Kangri Vishwavidyalaya, Haridwar on 5th Nov., 2011.
3. Department of Zoology & Environment Science organized World Congress for Man & Nature on “Global Climate Change & Biodiversity Conservation” (2011) held at Department of Zoology & Environmental Science, Gurukula Kangri University, Haridwar (Uttarakhand), 11-13 Nov. 2011.
4. Department of Lifelong Learning organized an orientation programme on “Orientation in Mother-Child Health” (21-27 November, 2011).
5. Department of Lifelong Learning organized an orientation programme on "Orientation in Office Management" (17-23 November, 2011).
6. Department of Lifelong Learning organized a National Workshop on "Research Methodology" (22-28 February 2012).
7. Department of Physical Education & Sports Organised an International Conference on “Global Innovation, Strategies and Policies in Physical Education and Sports from 26-02-2012 to 28-02-2012 at GKV, Haridwar.
8. Department of Physical Education & Sports organised a debates programme on National Sports Day 29-08-2011 at GKV, Haridwar.
9. Department of Human Consciousness & Yogic Science conducted “One day conference on Yoga & Naturopathy” funded by International Naturopathy Organisation, New Delhi on 3rd Jan. 2012.
10. laLd`r foHkkx }kjk ßegf" kZn; kuUnL; laLd`rsonkue~P uked ,d fnolh; jk"V^ah; laxks"Bh fnukad 21 ekpZ 2012 dks vk;ksftr dh xbZ A
11. dU;k xq#dqy ifjlj] gfj}kj ds laLd`r foHkkx }kjk fnukad 08 ls 19 vDrwcj ds e/; ,d laLd`r lEHkk" k.k f'kfoj dk vk;ksstu fd;k x;k A
12. Faculty of Engineering and Technology organized Two days student workshop on Microwave Engineering at Dept. of ECE on 23-25 Sept. 2011.

13. Faculty of Engineering and Technology organized a National Seminar IAEAS-2011, 9-10 Nov. 2011 at Dept. of Computer Science.
14. Faculty of Engineering and Technology organized International conference on Green Technology for Environment Rehabilitation on 11-13 Feb. 2012 sponsored by DST CSIR MOFS & VCOST.
15. Department of Management Studies, Kanya Gurukul Campus, Dehradun organized Women Entrepreneurship Development Programme on 22nd Feb, 2012.
16. n'kZu foHkkx }kjk ldkjkRed fpUru dk nk'kZfud Lo:i ,oa orZeku lUnHkZ esa mldh izklafxdrk fo"k; ij fnukad 26 ekpZ] 2012 dks jk"V^ah; laxks"Bh vk;ksftr dh x;h A

Annexure – 3 (a)

Newly Submitted/Granted Research Projects

1. A Research Project ‘Phytochemical screening of *Litchi chinensis* and *Cassia fistula* of Haridwar and Dehradun region’ funded by UGC (₹ 01.40 lakhs). P.I. Dr. R.K. Shukla, Department of Chemistry.
2. A Major Research Project Theoretical Study of Rare Earth Manganites Doped With Alkaline Earths Namely $Re_{1-x} A_x Mn O_3$ (Where Re = La, Pr, Nd etc. and A = Ca, Sr, Ba etc.) EXHIBITING COLOSSAL MAGNETORESISTANCE PHENOMENA. (₹ 8,11,800/-) Submitted to UGC by Dr. Sunil Panwar, Dept. of Applied Physics (FET).

Annexure – 3 (b)

Projects in progress

1. A Major Research Project '*Gurukula Kangri Snatak Vedabhashyakosha*' funded by UGC (` 10.35 lakhs) is in progress. (P.I.- Prof. Satya Dev Nigamalankar, Department of Vedic Shodha Sansthan.)
2. A Major Research Project '*Rigbhashya-Padarthkoshh*' funded by UGC (` 05.18 lakhs) is in progress. (P.I.- Prof. Gyan Prakash Shastri, Vedic Shodha Sansthan.)
3. A Major Research Project 'Isolation Identification and Characterization of spore forming PGPR from rhizospheric soil of Himalaya and their application in agricultural crop' funded by UCOST, Dehradun (` 07.00 lakhs) is in progress. (P.I.- Prof. D.K. Maheshwari, Department of Botany & Microbiology.)
4. A Major Research Project 'Oxidation degradation of some dye using iridium nanocatalyst' funded by UGC (` 09.002 lakhs) is in progress. (P.I.- Dr. Anjali Goel, Department of Chemistry, KGM, Haridwar.)
5. A Major Research Project 'Acoustic communication in Indian *Chat Cercomela fusca* and Pied Bush Chat *Samicola caprata*: Characterization and behavioural correlates of songs and calls' funded by DST, New Delhi (` 20.38 lakhs) is in progress. (P.I.- Prof. D. Bhatt, Department of Zoology & Environmental Science.)
6. A Major Research Project 'Species diversity of aboveground insects and identification of economically important species *vis a vis* their role in sustaining a forest ecosystem' funded by GBPIHED, Kosi, Almora (` 7.89 lakhs) is in progress. (P.I.- Prof. P.C. Joshi, Department of Zoology & Environmental Science.)
7. A Major Research Project 'A Modelling Approach to Assess the Current Status of Water quality of River Ganga and its Effect on Aquatic Biodiversity (Plankton) at Fool hills of Garhwal Himalayas' funded by UGC (` 11,04,800/-) is in progress. (P.I.- Dr. R.K. Bhutiani, Department of Zoology & Environment Science.)
8. A Major Research Project 'Development and Characterization of Chalcogenide Based Phase Change Materials Applicable to Optical Memories', funded by UGC (` 5,66,000/-) is in progress. (P.I.- Dr. Pawan Kumar, Department of Physics.)

Annexure – 3 (c)

Project Completed in 2011-12

1. Population dynamics of Himalayan mahseer (*Tor putitora*) in Yamuna river at Uttarakhand funded by UGC New Delhi (2009-2012) sanctioned amount Rs.9,21,330/ is completed. (P.I.- Dr. D. S. Malik Deptt. Zoology & Environment Science.)
2. A Major Research Project ‘Population dynamics of Coccinelids in the fruit orchards of Kumaun region and their potential to control the pests’ funded by UGC, New Delhi (` 5.89 lakhs) is completed. (P.I.- Prof. P.C. Joshi, Department of Zoology & Environmental Science.)

Annexure – 4

Details of Research Scholars

Total No. of Research Scholars in 2011-12 = 370

Department of Sanskrit		19
(i)	Prof. Mahavir Agrawal	08
(ii)	Somdev Shatanshu	05
(iii)	Dr. Brahmdev Vidyalkar	06
Department of Veda		19
(i)	Prof. Manu Dev Bandhu	07
(ii)	Dr. Roop Kishore Shastri	02
(iii)	Dr. Dinesh Chand Shastri	06
(iv)	Dr. Sudhir Arya	04
Department of Philosophy		18
(i)	Prof. Vijay Pal Shastri	04
(ii)	Prof. Trilok Chandra	03
(iii)	Prof. U.S. Bisht	07
(iv)	Dr. Sohan Pal Singh Arya	04
Department Ancient Indian History, Culture & Archaeology		16
(i)	Prof. R.K. Sharma	07
(ii)	Dr. Prabhat Kumar	05

(iii)	Dr. D.K. Gupta	04
Department of Human Consciousness & Yogic Sciences		13
(i)	Prof. Ishwar Bhardwaj	05
(ii)	Dr. Rakesh Giri	04
(iii)	Dr. Surendra Kumar	04
Department of Vedic Shodh Sansthan		14
(i)	Gyan Prakash Shastri	08
(ii)	Dr. Satyadev Nigamalankar	06
Department of Hindi		24
(i)	Prof. Sant Ram Vaish	07
(ii)	Prof. Gyan Chand Rawal	08
(iii)	Prof. B.D. Pandey	05
(iv)	Dr. K.K. Budhkar	04
Department of English		18
(i)	Prof. M.R. Verma	05
(ii)	Prof. S.K. Sharma	07
(iii)	Prof. A.K. Sharma	06
Department of Psychology		06
(i)	Prof. S.K. Srivastava	02
(ii)	Prof. C.P. Khokhar	04
Department of Physics		24
(i)	Prof. Rajendra Kumar	08
(ii)	Prof. P.P. Pathak	07
(iii)	Dr. L.P. Purohit	05

(iv)	Dr. Pawan Kumar	04
Department of Chemistry		12
(i)	Prof. A.K. Indrayan	01
(ii)	Prof. R.D. Kaushik	04
(iii)	Prof. R.D. Singh	04
(iv)	Dr. Rishi Shukla	03
Department of Mathematics & Statistics		10
(i)	Prof. M.P. Singh	06
(ii)	Dr. P. Pradhan	04
Department of Computer Science		18
(i)	Prof. Vinod Kumar	07
(ii)	Dr. K.J. Bhatia	04
(iii)	Dr. Vivek Gupta	03
(iv)	Dr. Raj Kumar	04
Department of Botany & Microbiology		27
(i)	Prof. D.K. Maheshwari	06
(ii)	Prof. P. Kaushik	07
(iii)	Prof. R.C. Dubey	07
(iv)	Prof. G.P. Gupta	04
(v)	Dr. Navneet	03
Department of Zoology & Environment Science		31
(i)	Prof. B.D. Joshi	03
(ii)	Prof. A.K. Chopra	05
(iii)	Prof. Dinesh Chandra Bhatt	06

(iv)	Prof. D.R. Khanna	03
(v)	Dr. P.C. Joshi	05
(vi)	Dr. D.S. Malik	04
(vii)	Dr. R.K. Negi	02
(viii)	Dr. Rakesh Bhutiani	03
Faculty of Management Studies		08
(i)	Prof. S.P. Singh	03
(ii)	Prof. V.K. Singh	01
(iii)	Dr. Pankaj Madan	04
Kanya Gurukul Mahavidyalaya, Hardwar		55
(i)	Dr. Sangita Vidyalkar, Dept. of Sanskrit	04
(ii)	Dr. Beena Bishnoi, Dept. of Sanskrit	02
(iii)	Dr. Namita Joshi, Dept. of Env. Sc.	06
(iv)	Dr. Sangeeta Madan, Dept. of Env. Sci.	03
(v)	Dr. Padma Singh, Dept. of Microbiology	03
(vi)	Dr. Anjali Goel, Dept. of Chemistry	04
(vii)	Dr. Abha Shukla, Dept. of Chemistry	02
(viii)	Dr. Seema Sharma, Dept. of Mathematics & Statistics	03
(ix)	Dr. Nidhi Handa, Dept. of Mathematics & Statistics	04
(x)	Dr. Suchitra Malik, Dept. of Hindi	05
(xi)	Dr. Mridul Joshi, Dept. of Hindi	02
(xii)	Dr. Shyamlata Juyal, Dept. of Psychology	04
(xiii)	Dr. Mudita Agnihotri, Dept. of English	03
(xiv)	Dr. Manjusha Kaushik, Dept. of English	03

(xv)	Dr. Deepa Gupta, Dept. of Ancient Indian History	04
(xvi)	Dr. Babita Sharma, Dept. of Philosophy	03
Kanya Gurukul Mahavidyalaya, Dehradun		38
(i)	Prof. Hemlatha K., Dept. of English	08
(ii)	Dr. Renu Shukla, Dept. of English	06
(iii)	Dr. Surekha Rana, Dept. of Management Studies	04
(iv)	Dr. Bindu Arora, Dept. of Management Studies	03
(v)	Dr. Patiraj Kumari, Dept. of Management Studies	05
(vi)	Dr. Nipur, Dept. of Computer Science	06
(vii)	Dr. Saroj Nautiyal, Dept. of Sanskrit	06

Annexure – 5 (a)

Scopus List 2011-12

Kumar, V., Singh, R.G., Singh, F., Purohit, L.P.

Highly transparent and conducting boron doped zinc oxide films for window of Dye Sensitized Solar Cell applications

(2012) *Journal of Alloys and Compounds*, 544, pp. 120-124. Cited 9 times.

Document Type: Article

Source: Scopus

Chand, M., Mandoria, H.L.

Partition in mobile adhoc network with mobility-A new approach for effective use of fast IP address autoconfiguration

(2012) *International Journal of Engineering and Technology*, 4 (6), pp. 419-426.

Document Type: Article

Source: Scopus

Gautam, S.S., Navneet, Kumar, S.

The antibacterial and phytochemical aspects of Viola odorata Linn. Extracts against respiratory tract pathogens

(2012) *Proceedings of the National Academy of Sciences India Section B - Biological Sciences*, 82 (4), pp. 567-572. Cited 1 time.

Document Type: Article

Source: Scopus

Rani, A., Singh, R.V., Tomar, S.S., Singh, A.

Medicinal significance of Aegle marmelos (Bael)

(2012) *Vegetos*, 25 (2), pp. 320-323.

Document Type: Article

Source: Scopus

Kaushik, S., Singh, P.

Antibacterial activity of different extracts of nutmeg (Myristica fragrans) against Gram negative and Gram positive pathogens

(2012) *Vegetos*, 25 (2), pp. 282-286.

Document Type: Article

Source: Scopus

Khanna, D.R., Ishaq, F.

Analysis of heavy metals and their interrelationship with some water quality parameters of river Yamuna in Dehradun Uttarakhand

(2012) *Biochemical and Cellular Archives*, 12 (2), pp. 273-280.

Document Type: Article

Source: Scopus

Sethi, V.K., Bhatt, D., Kumar, A.

Characteristics and behavioral correlates of call types in a tropical bird, the Pied Bush Chat *Saxicola caprata*

(2012) *Pakistan Journal of Zoology*, 44 (5), pp. 1231-1238. Cited 1 time.

Document Type: Article

Source: Scopus

Khanna, D.R., Bhutiani, R., Chandra, K.S.

A recursive approach for numerically identified DO-BOD interaction and kinetic formulation for water quality probability

(2012) *International Journal of Environment and Waste Management*, 10 (4), pp. 391-399.

Document Type: Article

Source: Scopus

Sharma, S., Gupta, U.S., Singhal, P.

Vibration analysis of non-homogeneous orthotropic rectangular plates of variable thickness resting on winkler foundation

(2012) *Journal of Applied Science and Engineering*, 15 (3), pp. 291-300.

Document Type: Article

Source: Scopus

Rai, S., Dua, V.K., Chopra, A.K.

Bio-monitoring of persistent organochlorines in human milk and blood samples from Sub-Himalayan region of India

(2012) *Bulletin of Environmental Contamination and Toxicology*, 89 (3), pp. 592-597.

Document Type: Article

Source: Scopus

Dalal, S., Panigrahi, D.P., Randhawa, G.S., Dubey, R.C.

CatA Gene in a Potential *Corynebacterium* Strain is Responsible for its Efficiency in Phenol Bioremoval

(2012) *Polycyclic Aromatic Compounds*, 32 (4), pp. 423-438.

Document Type: Article

Source: Scopus

Naithani, A., Bhatt, D.

Bird community structure in natural and urbanized habitats along an altitudinal gradient in Pauri district (Garhwal Himalaya) of Uttarakhand state, India

(2012) *Biologia*, 67 (4), pp. 800-808.

Document Type: Article

Source: Scopus

Kaushik, R.D., Malik, R., Kumar, T., Singh, P.

Manganese(II)-catalysed period ate oxidation of 2-amino-m-xylene. A kinetic-mechanistic study

(2012) *Oxidation Communications*, 35 (2), pp. 316-326. Cited 6 times.

Document Type: Article

Source: Scopus

Pandey, A., Mali, P.Y., Sachdeva, D., Ramesh, R.

Design and In-vitro characterization of levobunolol hydrochloride occuserts with special reference to glaucoma treatment

(2012) *Indian Journal of Pharmaceutical Education and Research*, 46 (3), pp. 265-269.

Document Type: Article

Source: Scopus

Goel, G., Pandey, P., Sood, A., Bisht, S., Maheshwari, D.K., Sharma, G.D.

Transformation of pWVO in Rhizobium leguminosarum DPT to Engineer Toluene Degrading Ability for Rhizoremediation

(2012) *Indian Journal of Microbiology*, 52 (2), pp. 197-202.

Document Type: Article

Source: Scopus

Khan, A., Ishaq, F., Chauhan, S.K.

Therapeutic impacts of tocotrienols (Tocomin) on cholesterol dynamics, ex vivo and Cu ++ mediated in vitro oxidative modification of lipoprotein in rats, exposed to cigarette smoke

(2012) *Drug Invention Today*, 4 (1), pp. 314-320. Cited 2 times.

Document Type: Article

Source: Scopus

Aeron, A., Khare, E., Arora, N.K., Maheshwari, D.K.

Practical use of CMC-amended rhizobial inoculant for Mucuna pruriens cultivation to enhance the growth and protection against Macrophomina phaseolina

(2012) *Journal of General and Applied Microbiology*, 58 (2), pp. 121-127.

Document Type: Article

Source: Scopus

Yadav, P.K., Bhatia, K., Gulati, S.

Reliability driven soft real-time fuzzy task scheduling in distributed computing environment

(2012) *Advances in Intelligent and Soft Computing*, 130 AISC (VOL. 1), pp. 219-226.

Document Type: Conference Paper

Source: Scopus

Indrayan, A.K., Kumar, N., Tyagi, D.K., Gaur, A.

Nutritive value of rhizome of the ginger resembling Alpinia allughas Rosc. and characteristics of various extracted materials from the rhizome

(2012) *Journal of the Indian Chemical Society*, 89 (4), pp. 557-561.

Document Type: Article

Source: Scopus

Dalal, S., Panigrahi, D.P., Randhawa, G.S., Dubey, R.C.

Molecular characterisation of high-strength polycyclic aromatic hydrocarbon (PAH)-degrading and phenoltolerant bacteria obtained from thermal power plant wastewater

(2012) *Chemistry and Ecology*, 28 (2), pp. 187-192. Cited 1 time.

Document Type: Article

Source: Scopus

Goel, A., Sharma, S.

Colloidal iridium nanoparticles in the oxidation of hexacyanoferrate(III) in alkaline medium - A kinetic study

(2012) *Journal of the Indian Chemical Society*, 89 (4), pp. 507-512.

Document Type: Article

Source: Scopus

Khan, A., Ishaq, F., Chandel, A.S., Chettri, S.

Effect of dietary tocotrienols on antioxidant status and low density lipoprotein oxidation in rats, exposed to cigarette smoke

(2012) *Asian Journal of Clinical Nutrition*, 4 (1), pp. 27-38. Cited 1 time.

Document Type: Article

Source: Scopus

Kumar, V., Chopra, A.K.

Fertigation effect of distillery effluent on agronomical practices of *Trigonella foenum-graecum* L. (Fenugreek)

(2012) *Environmental Monitoring and Assessment*, 184 (3), pp. 1207-1219. Cited 5 times.

Document Type: Article

Source: Scopus

Dubey, R.C., Maheshwari, D.K., Kumar, V., Pandey, R.R.

Growth enhancement of *Sesamum indicum* L. by rhizosphere-competent *Azotobacter chroococcum* AZO2 and its antagonistic activity against *Macrophomina phaseolina*

(2012) *Archives of Phytopathology and Plant Protection*, 45 (4), pp. 437-454. Cited 1 time.

Document Type: Article

Source: Scopus

Kumar, V., Chopra, A.K.

Monitoring of physico-chemical and microbiological characteristics of Municipal Wastewater at treatment plant, Haridwar city (Uttarakhand) India

(2012) *Journal of Environmental Science and Technology*, 5 (2), pp. 109-118. Cited 3 times.

Document Type: Article

Source: Scopus

Sati, D.C., Kovalskiy, A., Golovchak, R., Jain, H.

Structure of $Sb_xGe_{40-x}Se_{60}$ glasses around 2.67 average coordination number

(2012) *Journal of Non-Crystalline Solids*, 358 (2), pp. 163-167. Cited 5 times.

Document Type: Article

Source: Scopus

Ali, S.R., Chandra, P., Latwal, M., Jain, S.K., Bansal, V.K.

Growth of cadmium hexacyanidoferrate(III) nanocubes and its application in voltammetric determination of morphine

(2011) *Bulletin of the Chemical Society of Japan*, 84 (12), pp. 1355-1361. Cited 1 time.

Document Type: Article

Source: Scopus

Sharma, V., Pattnaik, S.S., Devi, S., Nitin

A metamaterial inspired miniaturized phi-shaped high gain antenna for skin cancer detection

(2011) *Scientific Research and Essays*, 6 (30), pp. 6346-6349.

Document Type: Article

Source: Scopus

Deep, A., Kumar, K., Kumar, P., Kumar, P., Sharma, A.L., Gupta, B., Bharadwaj, L.M.

Recovery of pure ZnO nanoparticles from spent Zn-MnO₂ alkaline batteries

(2011) *Environmental Science and Technology*, 45 (24), pp. 10551-10556. Cited 3 times.

Document Type: Article

Source: Scopus

Kumar, V., Singh, R.G., Purohit, L.P., Mehra, R.M.

Temperature induced stress dependent photoluminescence properties of nanocrystallite zinc oxide

(2011) *Journal of Nano- and Electronic Physics*, 3 (1 PART2), pp. 388-395. Cited 1 time.

Document Type: Article

Source: Scopus

Kumar, V., Chopra, A.K.

Alterations in physico-chemical characteristics of soil after irrigation with Paper mill effluent
(2011) *Journal of Chemical and Pharmaceutical Research*, 3 (6), pp. 7-22. Cited 4 times.

Document Type: Article

Source: Scopus

Kumari, V., Kumar, V., Malik, B.P., Mohan, D., Mehra, R.M.

Laser induced nonlinear optical properties of zinc oxide thin film prepared by sol-gel method
(2011) *Journal of Nano- and Electronic Physics*, 3 (1 PART3), pp. 601-609. Cited 7 times.

Document Type: Article

Source: Scopus

Sati, D.C., Purohit, L.P., Mehra, R.M., Kovalski, A., Golovchak, R., Jain, H.

Structural investigation of sbgese glasses by high resolution X-ray photoelectron spectroscopy
(2011) *Journal of Nano- and Electronic Physics*, 3 (1 PART2), pp. 302-307. Cited 1 time.

Document Type: Article

Source: Scopus

Kumar, S., Pathak, P.P.

Effect of electromagnetic radiation from mobile phones towers on human body
(2011) *Indian Journal of Radio and Space Physics*, 40 (6), pp. 340-342. Cited 1 time.

Document Type: Article

Source: Scopus

Ali, S.R., Chandra, P., Latwal, M., Jain, S.K., Bansal, V.K., Singh, S.P.

Synthesis of nickel hexacyanoferrate nanoparticles and their potential as heterogeneous catalysts for the solvent-free oxidation of benzyl alcohol

(2011) *Cuihua Xuebao/Chinese Journal of Catalysis*, 32 (12), pp. 1844-1849.

Document Type: Article

Source: Scopus

Kumari, V., Kumar, V., Malik, B.P., Mohan, D., Gaur, A.

Two photon absorption and refraction in bulk of the semiconducting materials
(2011) *AIP Conference Proceedings*, 1391, pp. 694-696.

Document Type: Conference Paper

Source: Scopus

Joshi, S., Kumar, K., Purohit, L.P., Kumar, R., Mehra, R.M.

Signature of MN rule in AC conductivity of GexSe 80-XPb20 films

(2011) *AIP Conference Proceedings*, 1391, pp. 787-789.

Document Type: Conference Paper

Source: Scopus

Kumar, K., Purohit, L.P., Mehra, R.M., Deep, A.

Molecular phase separation effects on calorimetric properties of Ge xSe 80-xPb x glasses
(2011) *Chalcogenide Letters*, 8 (11), pp. 659-670.

Document Type: Article

Source: Scopus

Kumar, H., Dubey, R.C., Maheshwari, D.K.

Effect of plant growth promoting rhizobia on seed germination, growth promotion and suppression of Fusarium wilt of fenugreek (*Trigonella foenum-graecum* L.)

(2011) *Crop Protection*, 30 (11), pp. 1396-1403. Cited 1 time.

Document Type: Article

Source: Scopus

Ali, S.R., Chandra, P., Latwal, M., Jain, S.K., Bansal, V.K., Singh, S.P.

Synthesis of nickel hexacyanoferrate nanoparticles and their potential as heterogeneous catalysts for the solvent-free oxidation of benzyl alcohol

(2011) *Chinese Journal of Catalysis*, 32 (11-12), pp. 1844-1849. Cited 5 times.

Document Type: Article

Source: Scopus

Indrayan, A.K., Bhojak, N.K., Kumar, N., Shatru, A., Gaur, A.

Chemical composition and antimicrobial activity of the essential oil from the rhizome of *Canna indica* Linn

(2011) *Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry*, 50 (8), pp. 1136-1139. Cited 3 times.

Document Type: Article

Source: Scopus

Malik, T., Singh, P., Pant, S., Chauhan, N., Lohani, H.

Potential of antimicrobial activity of ciprofloxacin by pelargonium graveolens essential oil against selected uropathogens

(2011) *Phytotherapy Research*, 25 (8), pp. 1225-1228. Cited 2 times.

Document Type: Article

Source: Scopus

Annexure – 5 (b)

List of total publication during 2011-2012

(A) Faculty of Technology

Department of Computer Science

Total no. of Research papers = 16

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Role of Multiple Encryption in Secure Electronic Transaction”	Himanshu Gupta and Vinod Kumar,	International Journal of Network Security & Its Application (IJNSA) of Academy & Industry Research Collaboration Center (AIRCC), Australia	3 89-96	0974-9330 (online) 0975-2307 (Print)
2.	Assessment of Image Classifications Using Compressed Multispectral Satellite Data (MSD)	Shwetank, Karamjit Bhatia & Kamal Jain,	International Journal of Engineering Sciences	4 1-10	2229-6913
3.	Design and Simulation of a Reliable Distributed System Based on Fault Tree Analysis	Bhatia K., Yadav P. K., Sagar Gulati,	International Journal of Advanced Computer and Mathematical Sciences	2 (3) 168-175	2230-9624
4.	Role of Multiple Encryption in Secure Electronic Transaction”	Himanshu Gupta and Vinod Kumar,	International Journal of Network Security & Its Application (IJNSA) of Academy & Industry Research Collaboration Center (AIRCC),	11 (3)	1513-6728

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
			Australia		
5.	Assessment of Image Classifications Using Compressed Multispectral Satellite Data (MSD)	Shwetank, Karamjit Bhatia & Kamal Jain,	International Journal of Engineering Sciences	130 207-214	1867-5662
6.	Design and Simulation of a Reliable Distributed System Based on Fault Tree Analysis	Bhatia K., Yadav P. K., Sagar Gulati,	International Journal of Advanced Computer and Mathematical Sciences	1 (2) 733-741	2249-645
7.	Role of Multiple Encryption in Secure Electronic Transaction”	Himanshu Gupta and Vinod Kumar,	International Journal of Network Security & Its Application (IJNSA) of Academy & Industry Research Collaboration Center (AIRCC), Australia	49 35-39	0975-8887
8.	Assessment of Image Classifications Using Compressed Multispectral Satellite Data (MSD)	Shwetank, Karamjit Bhatia & Kamal Jain,	International Journal of Engineering Sciences	3 (6) 77-82	2047-3338
9.	Design and Simulation of a Reliable Distributed System Based on Fault Tree Analysis	Bhatia K., Yadav P. K., Sagar Gulati,	International Journal of Advanced Computer and Mathematical Sciences	46 (3) 42-47	0975-8887
10.	Role of Multiple Encryption in Secure Electronic Transaction”	Himanshu Gupta and Vinod Kumar,	International Journal of Network Security & Its Application (IJNSA) of Academy & Industry Research Collaboration Center (AIRCC), Australia	11 (3)	1513-5662
11.	Assessment of	Shwetank, Karamjit	International Journal of	2 (6)	0976-5697

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
	Image Classifications Using Compressed Multispectral Satellite Data (MSD)	Bhatia & Kamal Jain,	Engineering Sciences	43-45	
12.	Design and Simulation of a Reliable Distributed System Based on Fault Tree Analysis	Bhatia K., Yadav P. K., Sagar Gulati,	International Journal of Advanced Computer and Mathematical Sciences	2 (5) 270-273	0976-5697
13.	An Improved Hop-Count Metric for infrastructural wireless mesh network	Paramjeet Kaur Bedi, Mahendra Singh Aswal, Praveen Kumar	International Journal on Computer Sciences and Engineering	3 (5) 1757-1763	0975-3397
14.	Assessment of Image Classifications Using Compressed Multispectral Satellite Data (MSD)	Shwetank, Karamjit Bhatia & Kamal Jain,	International Journal of Engineering Sciences	37 (1) 20-24	0975-8887
15.	Design and Simulation of a Reliable Distributed System Based on Fault Tree Analysis	Bhatia K., Yadav P. K., Sagar Gulati,	International Journal of Advanced Computer and Mathematical Sciences	2 (2) 693-696	2248-9622
16.	Role of Multiple Encryption in Secure Electronic Transaction”	Himanshu Gupta and Vinod Kumar,	International Journal of Network Security & Its Application (IJNSA) of Academy & Industry Research Collaboration Center (AIRCC), Australia	2 (6)	0976-9757

(B) Faculty of Ayurveda & Medical Sciences

Total no. of Research papers = 08

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
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Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	“Stimuli Sensitive hydrogels : A Novel Ophthalmic Drug Delivery System”	Vinod Singh, S SBushetti, AppalaRaju, AdilShareef, Syed S Imam, Mamta Singh ..	Indian Journal of Ophthalmology	2010, Nov-Dec, vol 58 (6), 477-481.	0301-4738
2.	Formulation and Evaluation of Sustained Release Microballoons of Furosemide	SinghalPeeush, Kumar Kapil, Saraf A. Shubhini	IJPSRR,	Vol 6, Issue 1, Jan-feb 2011; Article-018.0976-044X	
3.	Anti-inflammatory activity of aqueous and alcoholic bark extract of Buteamonosperma	VinodNautiyal et. al.	Asian journal of chemistry	2011,25 (4)	AJC11120
4.	Characterization of best optimized Levobunolol Hydrochloride occuserts formulations with special reference to glaucoma treatment	Ashish Pandey, Prashant Y Mali, Dinesh Sachdeva, DhruvalKumar and Ravda Ramesh	Indian Journal of Pharmaceutical Education and Research	45(4), 326-332	ISSN 0019-5464
5.	Protective effect of irbesartan, an angiotensin II receptor antagonist alone and in combination with aspirin on middle cerebral artery occlusion model of focal cerebral ischemia in rats.	Ravi Pratap, K K Pillai, RaziaKhanam, Fakhrul Islam, ShibliJameelahmed, Mohd. Akhtar	Human Experimental and Toxicology	Vol 30(5), 354-362	
6.	Antiinflammatory activity of Inula cuspidata Leaf Extract;	Somesh Thapliyal, Kapil Kumar Goel and Nidhi Goel,	Asian J. Chem.	23(2), pp 943-944	0970-7077 (Print 0975-427X electronic)
7.	N-Aryl-[(2R)-3-oxo-1,2,3,4-tetrahydroquinoxalin-2-yl]acetamide as Antifungal Agents; Asian J. Chem	Kapil Kumar Goel, Prasoon Gupta, Shailendra Patil and Asmita Gajbhiye,	Asian J. Chem.	23(10), pp 4705-4706	0970-7077 (Print) 0975-427X (electronic).
8.	“Hair Growth Activity of Nardostachys jatamansi and Cyperus rotundus rhizomes extract on chemotherapy induced alopecia.”	Gupta, S.K., Yadav, S.K. and Shashi, P.	IJDDHR	1(2), 52-54.	2231-6078

(C) FACULTY OF ENGINEERING & TECHNOLOGY**Department Computer Science & Engineering****Total no. of Research papers = 08**

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	“Stimuli Sensitive hydrogels : A Novel Ophthalmic Drug Delivery System”	Vinod Singh, S SBushetti, AppalaRaju, AdilShareef, Syed S Imam, Mamta Singh ..	Indian Journal of Ophthalmology	2010, Nov-Dec, vol 58 (6), 477-481.	0301-4738
2.	Formulation and Evaluation of Sustained Release Microballoons of Furosemide	SinghalPeeush, Kumar Kapil, Saraf A. Shubhini	IJPSRR,	Vol 6, Issue 1,Jan-feb 2011; Article-018.0976-044X	
3.	Anti-inflammatory activity of aqueous and alcoholic bark extract of Buteamonosperma	VinodNautiyal et. al.	Asian journal of chemistry	2011,25 (4)	AJC11120
4.	Characterization of best optimized Levobunolol Hydrochloride occuserts formulations with special reference to glaucoma treatment	Ashish Pandey, Prashant Y Mali, Dinesh Sachdeva, DhruvalKumar and Ravda Ramesh	Indian Journal of Pharmaceutical Education and Research	45(4), 326-332	ISSN 0019-5464
5.	Protective effect of irbesartan, an angiotensin II receptor antagonist alone and in combination with aspirin on middle cerebral artery occlusion model of focal cerebral ischemia in rats.	Ravi Pratap, K KPillai, RaziaKhanam, Fakhrul Islam, ShibliJameelahmed, Mohd. Akhtar	Human Experimental and Toxicology	Vol 30(5), 354-362	

6.	Antiinflammatory activity of Inula cuspidata Leaf Extract;	Somesh Thapliyal, Kapil Kumar Goel and Nidhi Goel,	Asian J. Chem.	23(2), pp 943-944	0970-7077 (Print 0975-427X electronic)
7.	N-Aryl-[(2R)-3-oxo-1,2,3,4-tetrahydroquinoxalin-2-yl]acetamide as Antifungal Agents; Asian J. Chem	Kapil Kumar Goel, Prasoon Gupta, Shailendra Patil and Asmita Gajbhiye,	Asian J. Chem.	23(10), pp 4705-4706	0970-7077 (Print) 0975-427X (electronic).
8.	“Hair Growth Activity of Nardostachys jatamansi and Cyperus rotundus rhizomes extract on chemotherapy induced alopecia.”	Gupta, S.K., Yadav, S.K. and Shashi, P.	IJDDHR	1(2), 52-54.	2231-6078

Department Electronics & Communication Engine

Total no. of Research papers = 09

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	BER Simulation Of OFDM Signal Under AWGN And Rayleigh Fading Environment	Gorav Kumar Malik, Vivek Kumar	Journal Of Natural & Physical Sciences	Vol. 24, No.1, Pp.41-46 (2011) April-2011	ISSN 097-3799
2.	Filtered X-Affine Projection Algorithm In Active Noise Control	Vivek Kumar	Journal Of Physical And Natural Science	Vol-24, Pp.17-20	ISSN 097-3799
3.	Antenna Miniaturization Using Sr : A Step By Step Investigation	Vipul Sharma etal	Journal Of Instrumentation Society Of India (Iisc Journal)	Vol. 41 (4), Pp. 251-254, Dec 2011	0970-9983
4.	A microstrip metamaterial split ring resonator	Vipul Sharma, tanuj garg	Journal Of Physical And Natural Science	Vol 6 , no.4 jan 12, 2011	ISSN 1992-1950

5.	Metamaterials Inspired Miniaturized Phi-Shaped Antenna High Gain Antenna For Skin Cancer Detection	Vipul Sharma	Scientific Research & Essays	Vol. 6 (30), Pp. 6346-6349, Dec, 2011	1992-2248 IF-0.34
6.	A Metamaterial Inspired Phi-Shaped Antenna	Vipul Sharma, Tanuj Garg	Int J Physical Sciences,	Vol 6(18), Pp. 4378-4381, September, 2011	1992-1950 IF-1.1
7.	Experimental Characterization Of Optical Fiber Long Period Grating With Reduced Temperature Sensitivity	Vipul Sharma etal	International Journal Of Computer And Electrical Engineering,	Vol. 3, No. 5, October 2011, Pp.711-713	1793-8163
8.	Throughput Improvement Of Cognitive Radio Network Using Orthogonal Frequency Division Multiplexing	Anuj Kumar Sharma, Vipul Sharma	International Journal Of Advances In Engineering Sciences	Vol.1, Issue 3, July, 2011, Pp.15-18	2231-0347
9.	Adaptive Modulation Techniques For Improving Bit Error Rate Performance Of Cognitive Radio Network”;	Anuj Kumar Sharma, Vipul Sharma, Shiv Kumar Singh	International Journal Of Mobile And Ad Hoc Networks (IJMAN)	Pp-329-333, Vol.1, Issue 3,	ISSN (Online) 2231:6825 , ISSN (Print)2249 –202x

Department of Mathematics

Total no. of research papers = 04

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
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1.	MODWT Based Time Scale Decomposition Analysis of BSE and NSE Indexes Financial Time Series	Lokesh Kumar Joshi	Int. Journal of Math. Analysis	Vol. 5, 2011, no. 27, 1343 – 1352	
2.	M-SP Projective Modules,	M. K. Patel M. K. Patel	International J. Algebra	Vol. 5, No. 12, 563-568, 2011.	
3.	M-SP-Injective Modules,		Asian-European Journal of Mathematics,	Vol. 5, No.1, pages 1-11, 2012 (World Scientific).	
4.	C-pseudo injective Modules,	M. K. Patel	East–West Journal of Mathematics	Vol. 14, No 1(2012) pp. 68-76.	

Department of Applied Chemistry

Total no. of research papers = 02

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Elemental Profile of Traditional some Important Medicinal plants of Uttarakhand State, India	M.M.Tiwari	Reports & Opinion New York USA	2010,2(6)p. 34-35	ISSN 1553-9873 IF-0.2334
2.	In-vitro Antibacterial activity of Anacylus Pyrethrum and Jasminum Grandiflorum L	M.M.Tiwari	J. Indian Bot. Soc.	Vol.89(3&4) 2010P. 412-14	0019-4468 IF-0.234

(D) FACULTY OF MANAGEMENT STUDIES

Total no. of research papers = 11

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
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1.	An Empirical Study on Use of Social Networking Sites (SNSs): A Case Wa Dissection.	Jugal Kishore V.K.Singh	Business Vision	Vol. 8, I & II (January-December) 2012.	0973-1369
2.	“Factor Analyzing the store attributes to identify key components of store image: A study of some selected apparel stores in India	Jugal Kishore V.K.Singh	IJMMR	Vol. 2 No 1, 1-21	2229-6883
3.	Impact of Security and Quality Attributes of 3G based M-Commerce Systems on B2C Operations	Jugal Kishore V.K.Singh	MIT International Journal of Computer Science and Information Technology	Vol. 1, No.1, p41-46	2230-7621
4.	Best Practices of Quality Management in MSME of Uttar Pradesh-Few Case Studies	Jugal Kishore V.K.Singh	Asian Journal of Management Research		
5.	Impact of Security in 3G (third generation M Commerce Applications for B2B and B2C Operations	Jugal Kishore V.K.Singh			
6.	Capability Development of Customers: A Globally Viable Business Strategy for the Coming Age	Jugal Kishore V.K.Singh	Journal of Pure and Applied Science and Technology International Journal of Strategic Information Technology and Applications	Vol.2, No.1, p644-656 Vol. 1, p15-22	2229– 3795 ISSN Online 2249-9970 Print 2231-4202
7.	“Innovation for Organizational Transformation and Changes: Framework for Research”	Jugal Kishore V.K.Singh	Vivechan International Journal of Research,	Vol. 2(2), p12-22	1947-3095 0976-8211
8.	Rigveda Aur Adhunik Prabandha	Dr. Vageesh Paliwal	Gurukul Shodh Bharti (Refereed Research Journal)	Vol. 17, March 2012, Page No. 70-75	0974-8830

9.	Impact of Economic Regulations on the Expansion of International Trade	Dr. Vageesh Paliwal	GHS-IMR Journal	July-Dec. issue, Vol. 4 No. 2	2231-1467
10.	Assessee Perception towards Direct Tax Code (DTC)	Dr. Kamal pant and Ashish arya	International Journal of Business and Management,	Vol. 2, Issue 2, April - June 2012	ISSN: 2230-9519 (Online) ISSN: 2231-2463 (Print).
11.	Mobile Banking – No Wires, No Worries	Dr. Kamal Pant	International Journal of Commerce and Trade (JCT)	Oct. issue 2012	0973-4503

(E) FACULTY OF HUMANITIES

Department of English

Total no. of research papers = 04

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Treatment of Moral Degeneration in Vijay Tendulkar's The Vultures	M R Verma	Research and Criticism,	Vol no. 03 Pp82	2227
2	Indian and Western Aesthetic Thinking: A Comparative Study	Shrawan K Sharma	Dialogue: A Journal Devoted to Literary Appreciation	Vol. VII, No.I; Pp 65	0974
3	Dhvani Siddhanta: Towards an Assessment of the Creative Use of Language	Shrawan K Sharma	Voices	Launch Issue; pp 85	2230
4.	The Impact of Upanishad on R N Tagore's Poetry and Poetics	Pramthesh Bhattacharya	Points of View	Vol XVIII pp78	0971

Department of Psychology

Total no. of research papers = 09

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
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1.	Impact of Asthma Occurrence State, Age , Sex and Heredity on the level of Extraversion;	M.K. Chauhan & C.P. Khokhar (2012).	Journal of Well Being;	Vol. 6/No. 2;	ISSN : 0974-8717;
2.	Adolescents in Crisis and Spirituality,	Anu Teotia & C.P. Khokhar (2012).	Journal of Well Being	Vol. 6/No. 2, 58-66	ISSN : 0974-8717;
3.	Yagya Therapy for Managing Inferiority & Insecurity feeling of HIV ⁺ /AIDS Patients.	Pooja Sharma, Chandra P. Khokhar, Suraj C. Manchanda and Novrattan Sharma (2012).	DEV SANSKRITI: Interdisciplinary International Journal	Vol. 01, 70-77	ISSN: 2279-0578;
4.	Faith as a role model in Hindu Tradition, as well as for Mental Health and Holistic Development of Personality.	Reena Bajpai, C.P. Khokhar & Shikha Rani (2012)	Anusandhan International Journal of Social Sciences & Societies;	Vol. 2, No.1; 1-13	ISSN: 2250-1932;
5.	Role and effectiveness of theraplay for children -An overview.	S. K. Srivastava and Nayanika Singh	Indian Social and Psychosocial Studies, 2011,	4(2), 52-60.	ISSN: 0974634X
6.	Exam anxiety	S. K. Srivastava and K. C. Barmola	PsyInsight, June –July 2011 ,	2 (6-7) , 20.	ISSN: 09767487
7.	Study the effect of achievement motivation among birth order	S .K. Srivastava	Journal of Psychosocial Research, 2011,	6(2), 169-178.	ISSN: 09735410
8.	Impact of colors on the psychology of marketing – A comprehensive overview	Nayanika Singh and S. K. Srivastava	Management and Labour Studies, 2011,	36 (2), 199-209.	ISSN: 0258042X
9.	Teenage depression and suicidal ideation	K.C. Barmola and S. K. Srivastava	Indian Journal of Health and Well Being, 2012,	3 (1), 167-169.	ISSN: 22295356

(F) FACULTY OF LIFE SCIENCES

Department of Botany & Microbiology

Total no. research papers = 07

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Multifarious activity of bioformulated <i>Pseudomonas fluorescens</i> PS 1 and biocontrol of <i>Scerotinia scerotiorum</i> in India rapeseed (<i>Brassica campestris</i> L.)	Aron, A., Dubey, R.C., Maheshwari, D.K., Pandey, P., Bajpai, V.K. and Kang, S.C.	Euro. J. Plant Pathol.	131: 81-93	0929-1873 IF-1.610
2.	Suppression of charcoal rot of chickpea by fluorescent <i>Pseudomonas</i> under saline stress condition	Khare, E., Singh, S., Maheshwari, D.K., Arora, N.K.	Curr. Microbiol.	62: 1548-1553	0343-8651 IF-1.520
3.	Stereoselective first total synthesis, confirmation of the absolute configuration and bioevaluation of Botryolide-E.	Reddy, D.K., Shekhar, V., Prabhakar, P., Babu, D.C., Ramesh, D., Siddhardha, B., Murthy, U.S.N., Venkateswarlu, Y.	Bioorganic & Medicinal Chemistry Letters	621 (3): 997-1000.	0960-894X
4.	Microbial transformation of (+) a-pinene to (+) verbenone by using resting cell suspension of <i>Cladosporium cladosporioides</i>	Busi, S., Murthy, U.S.N., Ramanjaneyulu, G.S., Prabhakar, S	Indian Journal of Microbiology	DOI: 10.1 007/s 12088-011 01559	0046-8991
5.	Antimicrobial activity of medicinal plants against vaginal pathogens	Shivani, Navneet and Jain, A.K.	Ad. Plant Sci.	24 (1): 53-55	0970-3586
6.	Screening of medicinal plants, ayurvedic drugs and antibiotics against vaginal pathogens	Shivani, Navneet and Kumar, A	Flora and Fauna	17 (2): 247-249	0971-6920

7.	Effect of plant growth promoting rhizobia on seed germination, growth promotion and suppression of Fusarium wilt of fenugreek (<i>Trigonella foenum-graecum</i> L.)	Kumar H, Dubey R C and Maheshwari, D. K.	Crop Protection	30:1396-1403	0261-2194 IF-1.303
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Department of Zoology & Environment

Total no. of research papers = 39

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Bioaccumulation of Organochlorine pesticides in aquatic system-an overview.	Chopra, A.K., Sharma, Mukesh Kumar and Chamoli, Shikha	Environ. Monit. Assess.,	173(1-4):905-16	0167-6369 IF-1.592
2.	Fate of coliforms and pathogenic parasite in four full-scale sewage treatment systems in India	Tyagi, V.K., B.K. Sahoo, A. Khursheed, A.A. Kazmi, Z. Ahmad and Chopra, A.K.	Environ. Monit. Assess.,	181(1-4):123-135	0167-6369 IF-1.592
3.	Effect of sewage water irrigation on physico-chemical parameters with special reference to heavy metals in agricultural soil of Haridwar city.	Chakresh Pathak, Chopra, A.K., Kumar, Vinod and Sunil Sharma	J. Appl. & Nat. Sci.,	3(1):108-113	0974-9411 NAAS Rating 3.7, ICV 3.0

4.	Comparative study of some physicochemical parameters of soil irrigated with sewage water and canal water of Dehradun city, India.	Swapnil Rai, Chopra, A.K. Chakresh Pathak, Dinesh Kr Sharma, Renu Sharma and P.M. Gupta	Arch. Applied Sci. Res.,	3(2):318-325	0975-508X
5.	Toxicological properties of several medicinal plants from the Himalayas (India) against vectors of malaria, filariasis and dengue.	Alam, M.F., Mohammed M. Safhi, Chopra, A.K. and Dua, V.K.	Tropical Biomedicine	28(2):343–350	0127-5720 IF-0.921
6.	Impact on physicochemical characteristics of soil after irrigation with distillery effluent	Vinod Kumar and Chopra, A.K.	Arch. Appl. Sci. Res.,	3(4):63-77	0975-508X
7.	Overview of Electrolytic treatment: An alternative technology for purification of wastewater. Scholars research library	Chopra, A.K., Arun Kumar Sharma, Vinod Kumar	Arch. Appl. Sci. Res.	3(5):191-206	0975-508X
8.	Comparative study on agro-potentiality of Paper mill effluent and synthetic nutrient (DAP) on <i>Vigna unguiculata</i> L. (Walp) Cowpea.	Chopra, A.K., Sachin Srivastava and Vinod Kumar	J. Chem. Pharm. Res.	3(5):151-165	0975-7384 Scopus Indexed
9.	Alterations in physico-chemical characteristics of soil after irrigation with paper mill effluent.	Kumar, V. and Chopra, A.K.	J. Chem. Pharm. Res	3(6):7-22	0975-7384 Scopus Indexed

10.	Concentration of the heavy metals in Aloe vera L. (Aloe barbadensis Miller) leaves collected from geographical location of India.	Swapnil Rai, Dinesh Kr. Sharma, S.S. Arora, Manisha Sharma and Chopra, A.K.	Annals of Biological Research	2(6):575-579	ISSN 0976-1233 Thomsonreuters Indexed
11.	Stabilization of anarobic digester sludge through vermicomposting.	Ankur Rajpal, Renu Bhargava and Chopra, A.K.	J. Appl. & Nat. Sci.,	3(2):232-237	0974-9411 NAAS Rating 3.7, ICV 3.0
12.	In vitro anti-malarial activity of aerial part of Boeninghausenia albiflora.	M.F. Alam, M.M. Safhi and Chopra, A.K.	Environmental Conservation Journal	12(3):7-11	0972-3099
13.	Monitoring of Physico-chemical and Microbiological characterstics of municipal wastewater at treatment plant, Haridwar city (Uttarakhand) India.	Vinod Kumar and Chopra, A.K.	J. Env. Sci. & Tech.	5(2):109-118	1994-7887 Scopus Indexed
14.	Song repertoire size of the Pied Bush Chat Saxicola caprata.	Sethi, V. K., Bhatt, D. and Kumar, A.	Current Science	100:302-304	0011-3891 IF-0.935
15.	The effect of mate removal on dawn singing behaviour in male pied bush chats.	Sethi, V. K., Bhatt, D. and Kumar, A.	Current Zooogy	57:72-76	1674-5507 IF-1.392
16.	Birds of three different forest habitats in Nainital district (western Himalaya), Uttarakhand,	Joshi, K. & Bhatt, D.	Indian Birds	7: 33-37	0973-1407

17.	Distribution and abundance of avifauna in relation to elevation and habitat types in Nainital District (western Himalaya) of Uttarakhand State, India	Bhatt, D. and Joshi, K. K.	Current Zooogy	57: 318 – 329	1674-5507 IF1.392
18.	Avian species distribution in Pine forest and urban habitat of Almora, Uttarakhand, India	Joshi, K.K. and Bhatt, D.	Berkut	18: 16-21	1727-0200
19.	The hatching success in ground and roof-nests of Red-wattled Lapwing Vanellus indicus in Haridwar, India	Sethi, V. K., Bhatt, D., and Kumar, A. and Naithani A. B.	Forktail	27: 7–10	0950-1746 IF-0.25
20.	Floral, Avian and mammalian wealth of buffer zone of Pindari area of NDBR, in Uttarakhand, India.	M. K. Arya and Joshi, P. C.	J.Env. Bio-Sci.	25 (1): 7-13	0976-3384
21.	Species composition and abundance of coccinellid beetles in agriculture fields of district Bijnor, U.P., India	Sharma, P. K. Joshi, P. C. and Sharma, T.	J. Env. Bio. Sci.	25 (1): 53-55.	0976-3384
22.	Distribution of air pollutants in ambient air of district Haridwar (Uttarakhand), India: A case study after establishment of State Industrial Development Corporation.	Joshi, P. C. and Semwal, Mahadev	Int. Nat. Journal of Env. Science.	Vol. 2 (1), 237-243	0796-4402
23.	Butterfly Diversity of District Nainital Uttarakhand (India).	Tyagi Rakhi, Joshi,P.C. and Joshi,Naveen	J. Env. Bio-Sci	25(2) 273-278	0976-3384

24.	Floral, Avian and mammalian wealth of buffer zone of Pindari area of NDBR, in Uttarakhand, India.	M. K. Arya and Joshi, P. C.	J. Env. Bio-Sci	25 (1): 7-13	0976-3384
25.	Status of plankton diversity and biological productivity of Sahastradhara stream at Uttarakhand, India,	D. S. Malik and Umesh Bharti	Journal of Applied and Natural Sciences,	4(1): 96-103. (2012)	0974-9411
26.	Assessment of water quality indices of river Kali in district Muzaffarnagar (U.P.)	D. S. Malik, Pooja Tomar and Umesh Bharti	J. of Aquacult	Vol. 13(1), 81-85. (2012)	0972-2262
27.	Use of vermi – compost in rearing of Labeo rohita and Cyprinus carpio fingerlings	Shivji Singh, D.S. Malik and N.N. Pandey	J. Sust. Env. Res.,	1(1): 31-35. (2012)	2278-196X
28.	Recycling of piggery waste in Azolla-Pig-Fish farming system	N.N. Pandey and D.S. Malik	J. Sust. Env. Res.,	1(1): 41-46. (2012)	2278-196X
29.	Eutrophication conditions in different lake ecosystem: A review	D.S.Malik ,Swati Nagar and Nidhi Joshi	J. Sust. Env. Res.,	1(1): 79-85	2278-196X
30.	Fish scale as reliable tool for the species identification by using SEM. I	Negi,R.K. Kaushik,A. and Raza,K.	J. Env. Bio-Sci.	. 26(2): 153-155	0970-3387
31.	Fish Diversity in Two Lakes of Kumaon Himalaya Uttarakhand, India	Negi,, R.K. and Vishal Rajput	Research Journal of Biology	2(5): 157-161.	2049-1727

32.	Seasonal variation and species composition of phytoplankton in Ganga river and its tributaries at Garhwal region, Uttarakhand, India.	Negi, R.K., Joshi, P.C. and Negi, Tarana	International Journal of Zoology and research	2(2):19-30.	2278-8816 JCC Impact factor 1.64.
33.	Physico-chemical property of River Ganga at foothills of Garhwal Himalayas.	D.R. Khanna, R. Bhutiani, Gagan Matta, Vikas Singh and Gaurav Bhadauriya	Environment Conservation Journal.	Vol 12(3):163-168	0972-3099 IF : 0.58, NAAS rating 3.71, ICV:3.74 Thomson Reuters enlisted
34.	Study of planktonic diversity of river Ganga from Devprayag to Roorkee, Uttarakhand (India).	D.R. Khanna, R. Bhutiani, Gagan Matta, Vikas Singh and Gaurav Bhadauriya	Environment Conservation Journal	Vol 13(1&2):211-217	0972-3099 IF : 0.58, NAAS rating 3.71, ICV:3.74 Thomson Reuters enlisted
35.	Seasonal variation in physico-chemical characteristics status of River Yamuna in Doon Valley of Uttarakhand.	D.R. Khanna, R. Bhutiani, Gagan Matta, Vikas Singh and Fouzia Ishaq	Environment Conservation Journal	Vol 13(1&2):119-124	0972-3099 IF : 0.58, NAAS rating 3.71, ICV:3.74 Thomson Reuters enlisted
36.	Physico-chemical and microbiological status of River Asan in Dehradun, Uttarakhand.	D.R. Khanna, R. Bhutiani, Gagan Matta, Vikas Singh and Fouzia Ishaq	Environment Conservation Journal	Vol 13(1&2):145-150	0972-3099 IF : 0.58, NAAS rating 3.71, ICV:3.74 Thomson Reuters enlisted

37.	Environmental Impact Assessment of Illegal Ganga Mining at Kangri Village, District Haridwar (Uttarakhand) India.	Kamboj, N., Pandey, A., Shoaib, M. and Kumar, R.	Sustainable Environmental Research	1: 67-71	2278-196X
38.	Evaluation of Some Water Quality Parameters of River Ganga during Kanwer Mela-2011 at Haridwar, India.	Kamboj, N.	Sustainable Environmental Research	1(2): 125-128.	2278-196X
39.	Physico-chemical and Metallic Contamination Analysis of Underground Water in SIDCUL Industrial Area, District Haridwar (U.K.), India.	Kamboj, N.	Sustainable Environmental Research	1(2): 211-216.	2278-196X

(G) FACULTY OF SCIENCE

Department of Chemistry

Total no. of research papers = 02

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Kinetics and mechanism of Manganese(II) catalysed periodate oxidation of o-toluidine in acetone-water medium	Prabha Singh, Tarun Kumar, Rajdeep Malik and R.D. Kaushik	J. Indian Council of Chemists	28(1) (2011), 30-36	ISSN: 0971-5037
2.	“Environmental Pollutants: New Emerging Challenges”	Suhas	Invited editorial in Research Journal of Chemistry and Environment,	15	0972-0626 IF-0.292

Department of Mathematics & Statistics

Total no. of Research papers = 08

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Graceful Hairy Cycles with Pendent Edges and Some Properties of Cycles and Cycle Related Graph	P.Pradhan, A.Kumar	Bulletin of The Calcutta Mathematical Society	Vol. 103, No. 3, pp. 233-246	0008-0659
2.	Unusual Animal Behavior Due to Acoustic Waves Generated by and Earthquake	N.Bhargava, P.Pradhan, V.K.Ktiyar, M.L.Sharma	Journal of International Academy of Physical Sciences	Vol.15, No.4, pp. 435 - 445	0974-9373
3.	Metric Dimension of Graceful Graphs	P.Pradhan, A.Kumar	Bulletin of The Calcutta Mathematical Society	Vol. 104, No. 1, pp. 61 – 76	0008-0659
4.	An Optimal Task Allocation Model through Clustering with Inter-Processor Distances in Heterogeneous Distributed Computing Systems	M.Sharma, H., Kumar, D., Garg	International Journal of Soft Computing and Engineering	Vol. 2, No.1, pp. 50-58	2231-2307
5.	Task Allocation Model for Reliability and Cost Optimization in Distributed Computing System	P. K Yadav, M.P Singh, and Kuldeep Sharma	International Journal of Modelling, Simulation and Scientific Computing	Vol.2(2), pp 1-19	1793-9615
6.	An Optimal Task Allocation Model for System Cost Analysis in Heterogeneous Distributed Computing System: A Heuristic Approach	P. K Yadav, M.P Singh, and Kuldeep Sharma	International Journal of Computer Application.	Vol.28(4), pp 30-37	0975-888
7.	Analytical Study for the Flow of Blood Cells in Capillaries with Stenosis	R. Ali, M. Gupta, M.P.Singh, V.K. Katiyar	Shkhar (New Series) International Journal of Mathematics	Vol. 3(1), pp. 11-20	0976-4445

8.	Damped vibrations of Exponentially Non-Homogenous Isotropic Elastic Rectangular Plates of Parabolically Varying Thickness Resting On Elastic Foundation	Manu Gupta Ajendra Kumar	International Journal in Mathematical Sciences and computers	PP.113-122	0974-5068
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Department of Physics

Total no. of Research papers = 26

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Design of Electron Gun for 1.5 MW, 140 GHz Gyrotron; J. Fusion Energy, vol. 30, no. 1, pp. 53-57, 2011	Udaybir Singh, Nitin Kumar, L. P. Purohit and A. K. Sinha	J. Fusion Energy	vol. 30, no. 1, pp. 53-57, 2011	ISSN: 01640313 DOI: 10.1007/s10894-010-9343-6 IF-0.78
2.	Optical properties of Se or S-doped hydrogenated amorphous silicon thin films with annealing temperature and dopant concentration;	S.K. Sharmaa,, Himanshu Guptab, L.P. Purohit, K.N.P. Kumar, BoGyun Kima, R. Kumar, R.M. Mehra	Journal of Alloys and Compounds	Vol. 509, pp. 3338–3342 (2011)	ISSN: 0925-8388 IF-2.28
3.	Numerical Simulation of Single-anode and Double-anode Magnetron Injection Guns for 127.5 GHz 1 MW Gyrotron ;	Udaybir Singh, Nitin Kumar, Anil Kumar, LP Purohit and AK Sinha	Frequenz Journal (Frequenz)	Volume 65, Issue 5-6, Pages 143–147, 2011	ISSN: 0016-1136. IF-0.265
4.	Temperature Induced Stress Dependent Photoluminescence Properties of Nanocrystallite Zinc Oxide	V. Kumar, R.G. Singh, L.P. Purohit, R.M. Mehra,	J. Nano- Electron. Phys.	3 (2011) 1, 388-395.	ISSN: 2077-6772 Scopus Indexed

5.	Structural, transport and optical properties of Boron-doped Zinc Oxide Nanocrystalline;	Vinod Kumar, R.G. Singh, L.P. Purohit and R.M. Mehra	J. Material Sci. Technology	2011, 27(6), 481-488	ISSN: 1005-0302 IF-0.83
6.	Dependence of structural, transport and optical properties of nanocrystalline Zinc Oxide films on annealing temperature;	Vinod Kumar, R.G. Singh, L.P. Purohit and R.M. Mehra;	Invertis Journal of Science and Technology	vol. 9, no. 2, pp. 98-102, 2012	ISSN:0973-8940
7.	Molecular phase separation effects on calorimetric properties of Ge _x Se _{80-x} Pb _x glasses	Kumar, K., Purohit, L.P., Mehra, R.M., Deep, A.	Chalcogenide Letters	8 (11), pp. 659-670 (2011).	ISSN: 1584-8663 IF-0.834
8.	Structural Investigation of SbGeSe Glasses By High Resolution X-Ray Photoelectron Spectroscopy	D.C. Sati, L.P. Purohit, R.M. Mehra, A. Kovalski, R. Golovchak ¹ , H. Jain,	J. Nano- Electron. Phys.	Vol. 3 (2011) 1, pp. 302-307.	ISSN: 2077-6772
9.	Significant Increase in Humidity Sensing Characteristics of Praseodymium doped Magnesium ferrite;	Jyoti Shah, <u>Manju Arora</u> , <u>L. P. Purohit</u> , <u>R. K. Kotnala</u>	Sensors and Actuators A: Physical	167 (2), pp. 332-337(2011)	ISSN: 0924-4247 IF-2.2
10.	Synthesis, Structural and Electrical characterization of SrTiO ₃ thin Films prepared by Sol- gel method	Trilok kumar pathak, Prabha singh, Hemendra Tripathi, L.P. Purohit.	Journal of Natural & Physical Sciences	Vol. 24, no.1, pp 47-51 2011.	ISSN: 097-3799
11.	Anomalous behaviour in sound velocity of water	A. Kumar, P. Kuchhal, N. Dass & P.P. Pathak	Phys. Chem. Liquids,	49, 453, 2011	ISSN: 1029-0451 (Online); 0031-9104(Print).
12.	Effect of electromagnetic radiation from mobile phones towers on human body,	Sandeep Kumar & P.P. Pathak	Indian J Radio Space Phys.	40, 340, 2011.	ISSN: 0367-8393.

13.	Influence of pollutant particles and electric field in water vapour condensation,	Shivani Avasthi & P.P. Pathak,	J. Pure Appl. Sci. Tech	1(2), 1-8, 2011.	ISSN:2249-9970.
14.	Thermal effect due to induced field of broadcasting antenna,	Hemendra Tripathi & P.P.Pathak,	Intl. J. Env. Sci.,	1(2), 50, 2012.	ISSN: 2277-1948..
15.	Study of rate of temperature change in blood tissues due to TV/Computer monitorradiation,	Vijay Kumar, Anuj Tyagi & P.P. Pathak,	Int J Instnl Pharm Life Sci,	2(2), 29-36, 2012.	ISSN: 2249-6807.
16.	Health effects of the people living near sea coast due to the electromagnetic signalsbeingused by navy	Vijay Kumar, Arvind Kumar & P.P. Pathak	Intl. J. Phys. Math.Sci.	3(1),124, 2012.	ISSN: 2010-1791
17.	Health effects due to electro-magnetic waves of 170 kHz, used in radio broadcasting services,	Vijay Kumar, Arvind Kumar & P.P. Pathak	Int J Ind Phar Bio Sci,	1 (1), 60-67, 2012.	ISSN:22771948.
18.	Temperature change in different tissues due to microwave mobile phone tower,	H.Tripathi, M. Ahmad, Vijay Kumar & P.P. Pathak,	Int J Curr Sci Tech,	1(1), 61-75,2012.	ISSN: 2278-6198.
19.	Study of harmful effects of low frequency radiation of CRT TV/PC screen on humanblood tissues,	Vijay Kumar, Anuj Tyagi & P.P. Pathak,	Int J Curr Res,	4(5) 182-186, 2012.	ISSN: 0975-833X. IF-1.125
20.	Health effects due to non ionizing eletro magnetic waves in the frequency range 30kHz to 70 kHz,	Vijay Kumar, Arvind Kumar, Anuj Tyagi & P.P. Pathak,	Int J Curr Res,	4(11), 72 – 77, 2012.	ISSN: 0975-833X. IF-1.125
21.	Health effects on tissues of human being due to electromagnetic waves of radionavigationsyste m (130 & 150 kHz)	Vijay Kumar, Arvind Kumar, A.K. Sharma and P.P. Pathak	Intl. J. Universal Pharmacy and Life Sciences	2(1), 79, 2012.	ISSN: 2249-6793

22.	Temperature change in different tissues due to microwave mobile phone tower	H.Tripathi, M. Ahmad, Vijay Kumar & P.P. Pathak	Int J Curr Sci Tech,	1(1), 61-75,2012.	ISSN: 2278-6198.
23.	Study of harmful effects of low frequency radiation of CRT TV/PC screen on human blood tissues,	Vijay Kumar, Anuj Tyagi & P.P. Pathak	Int J Curr Res,	4(5) 182-186, 2012.	(ISSN: 0975-833X. IF-1.125
24.	Health effects due to non ionizing eletro magnetic waves in the frequency range 30kHz to 70 kHz,	Vijay Kumar, Arvind Kumar, Anuj Tyagi & P.P. Pathak,	Int J Curr Res,	4(11), 72 – 77, 2012.	ISSN: 0975-833X. IF-1.125
25.	Health effects on tissues of human being due to electromagnetic waves of radio navigation system (130 & 150 kHz),	Vijay Kumar, Arvind Kumar, A.K. Sharma and P.P. Pathak,	Intl. J. Universal Pharmacy and Life Sciences,	2(1), 79, 2012.	ISSN: 2249-6793.
26.	Study of Wavelength Dependence of Optical Constannts for ZnSe Vacuum Evaporated Thin Films.	Pawan Kumar, Aravind Kumar, Parvinder, Kapil Malik	International Journal of latest Research in Science & Technology	Vol.1, Issue 4, Page No. 314-317	2278-5299

(I) FACULTY OF ORIENTAL STUDIES

Department of Ancient Indian History, Culture & Archeology

Total no. of Research papers = 01

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Petrography of Ceramics from Bhirrana: A preliminary Study	Dilip Kumar kushwaha	Men and Environment	p.18-27 XXXVII(2)	0258-0446

Department of Human Consciousness & Yogic Science

Total no. of Research papers = 07

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Valmiki Ramayan mein Yamon ka Swaroop	Ishwar Bhardwaj	Gurukul Shodh Bharati	Vol.16 page 147-152	ISSN 0974-8830
2.	Vibhinna yogic Granthon mein Pranayam Vivechan	Ishwar Bhardwaj	Gurukul Shodh Bharati	Vol.17 page 97-100	ISSN 0974-8830
3.	Impact of Dhyan and Nadishodhan Pranayam on Students Mental Health	Ishwar Bhardwaj	Yoga Mimansha	Vo. 43, No.2 Page 117-123	Impact of Dhyan and Nadishodhan Pranayam on Students Mental Health
4.	Nishkam Karmyogi Swami Shradhanand-Vyaktitava and Kritatva	Rakesh Giri	Gurukul Shodh Prabha		Nishkam Karmyogi Swami Shradhanand-Vyaktitava and Kritatva
5.	Paryavaran Sanrakshan mein Yoga ki Bhumika	Surendra Kumar	Gurukul Shodh Bharati	Vol.17 page 112-116	Paryavaran Sanrakshan mein Yoga ki Bhumika
6.	Bharatiya siksha ke kshetra mein Swami Shradhanand ka Yogadan	Surendra Kumar	Gurukul Shodh Prbha	Page-86-91	ISSN-2319-8907
7.	Manu Smriti mein Yam Niyam	Ishwar Bhardwaj/ Mr. Udham Singh	Gurukul Shodh Bharati	Vol.17 page 112-116	ISSN 0974-8830

Shraddhanand Vedic Shodh Sansthan

Total no. of Research papers = 06

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	अयं मे हस् तो भगवत्	ज्ञानप्रकाशः	गुरुकुल शोध-भारती गुरुकु.वि.वि.हीं रद्द	अंक 17, सितम्बर 2011 p.1-10	0974-8830
2.	गीता और सामर्पण भाष्य देवयज्ञ का स्वरूप	ज्ञानप्रकाशः	पावमानी, स्वामी सामर्पण वैदिक शोधसंस्थान गुरुकुल प्रभात आश्रम मेरठ	अप्रै-सितम्बर 2011 33-46	2229-6328
3.	वैदिकसाहित्य देव यापदाय बन्ध	ज्ञानप्रकाशः	वेदविद्या, महर्षि सान्दीपनि राशि वेदविद्या प्रतियुक्त जैन	अंक 18, 2012 p.1-8	2230-8962

4.	बाल्मीकि-रामायण में अश्वमे यज्ञ का स्वरूप	ज्ञानप्रशास्त्र	गुरुकुल शोध-भारती गु.कु.वि.वि.ई.रुद्र	मार्च 17, 2012, p.6-11	0974-8830
5.	आचार्य यासक का चिन्तन	सतयदेव निगमांकार	गुरुकुल-शोध-भारती	16, सितम्बर 2011, पृ.सं.126-131	0974-8830
6.	वैदिक अश्व-विज्ञ	सतयदेव निगमांकार	गुरुकुल-शोध-भारती	17, मार्च 2012, पृ.सं.30-39	0974-8830

Department of Veda

Total no. of Research papers = 13

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	ieerlee ceW ueeskeÀmebûen nsleg ³ eg× keÀer DeefveJee ³ e&lee leLee meeceHe&Ce Yee< ³ e keÀe cenÊJe	ceveosJe yevOeg	HeeJeeceveer	DebkeÀ-25, He=0 164- 168	2229-6328
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3.	DeerceÓieJeÀerlee ceW ueeskeÀmebûen leLee ceneYeejle ³ eg×	cevegosJe yevOeg	ieg©kegÀue MeesOe Yeejleer	DebkeÀ-16	0974-8830
4.	GHeefve<eÜedce ³ e esHeJeeCe&le ÒepeeHeefle efJe<e ³ ekeÀ ef@evleve Deewj \$eÝef<e o ³ eevevo	cevegosJe yevOeg	ieg©kegÀue Heef\$ekeÀe	DebkeÀ-63, He=0	0976-8017
5.	Jeso Deewj ceebme ë Ye# ³ eeYe# ³ e kesÀ mevoYe& ceW	efovesMe@evê Mee%oer	ieg©kegÀue-MeesOe- Yeejleer	DebkeÀ-16, efme0 2011	0974-8830
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7.	HeoHeep keÀer çefä mes meeceYee< ³ eeW keÀe DevegMeerueve	efovesMe@evê Mee%oer	efJeée-p ³ eeseefleë	HeÀjJejer 2012, He=017	0505-7523

8.	PeerceodYeieJeÃerl ee meeceHe&CeYee< ³ e ceW ef\$elJeJeeo	efovesMe®evê Mee%oer	ieg©kegÀue- Heef\$ekeÀe	Dekelìt0- efome0 2011, He=0 117-126	0976-8017
9.	The Mind-As Described in the Vedic literature	efovesMe®evê Mee%oer	JesoefJeod ³ ee	peguee- efo02011µ DebkeÀ-18, He=0 217- 222	2230-8962
10.	p ³ eese fle<eeb p ³ eese flejskeÀced	efovesMe®evê Mee%oer	JewefokeÀ-p ³ eese fleë	DebkeÀ-1, He=0 III-IX	2277-4351
11.	³ epegJexo ceW Hegve©kelle cev\$eeW keÀe leelHe ³ ee&Le&- ef®evleve	efovesMe®evê Mee%oer	JewefokeÀ-p ³ eese fleë	DebkeÀ-1, He=0 13-21	2277-4351
12.	Yeei ³ e Deewj Heg©<eeLe& efJe<e ³ ekeÀ JewefokeÀ çefä	efovesMe®evê Mee%oer	JewefokeÀ-p ³ eese fleë	DebkeÀ-2, He=0 III-X	2277-4351
13.	Jesocev\$eeW kesÀ leLeekeÀefLele YeÍs Deewj DeMueerue DeLeeX keÀer Dee<e&meceer#ee	efovesMe®evê Mee%oer	JewefokeÀ-p ³ eese fleë	DebkeÀ-2, He=0 58-66	2277-4351

Department of Sanskrit

Total no. of Research papers = 03

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	करणकारक का साधकतमत् व	ब्र ह मटे विद् यालंकार	गुरु कुल-शोध-भारती	सितम् ३ 2011, अंक:- 16, 132-138	0974 – 8830
2.	आर्ष परम् ५: ह्म रएवं नवजागरण	ब्र ह मटे विद् यालंकार	गुरु कुलभारती-शोध-	मार्च 2012, अंक:- 17, 76-83,	0974 – 8830

3.	गीता प्र तिपा निष् काम कर्मा वैज्ञ ानिक विवेचन	मौहरसिं	गुरु कुशोधभारती	मार्च 2012 अंक 17 91-96	0974- 8830
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(J) KANYA GURUKUL CAMPUS, DEHRADUN

Department of History

Total no. of Research papers = 03

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Baudh Dharma me Karma evam Punarjanm Siddhanta	Renu Shukla	Gurukul Patrika	Vol.63, Page No. 108-117	0976-8017
2.	Traces of Democratic Ideals in Vedic Polity	Renu Shukla	The Vedic Path, A Quarterly English Journal of GKV, Haridwar	Vol. LXXXV, No.3&4 Page No.-137-143	0970-1443
3.	Swami Shradhanand Ka Sakar Swaroop:Gurukul Kangari Vishwavidhalaya, Haridwar	Sumallika	Gurukul Shodha Prabha Gurukul Kangari Vishwavidhalaya, Haridwar	Issue Vol.I, page no. 55-58	2319-8907

Department of Management

Total no. of Research papers = 06

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Green Practices in Indian Hotels-A Step Towards Ecotourism	Rana,S.,Ranga,A., Sharma,P.,andKamboj,R.	<i>Fortune Journal of International Management</i>	Vol. 7, No.2, July-Dec., pp.47-62	ISSN: 0973-0079
2.	Risk Management in Indian Banks-Some Issues	Arora, B	IIMT Management Journal	Vol 2 No. 2	ISSN No. 0975-4095

3.	Camal Based Performance Evaluation of New Private Sector & Public Sector Banks in India	Arora, B.	<i>International Journal of Applied Accounts & Finance</i>		
4.	Impact of Organizational Stress on Employee Morale: A Study of Bank Officers in Uttarakhand	Kumari, P.	NICE Journal of Business: Promoting and Preserving Business Research	Volume 6, Number 2, July-December, 2011, pp. 43-54	ISSN: 0973-449X
5.	Organizational Climate in Relation to Job Involvement- A Study of Selected Public Sector Organizations	Nirupama	<i>JIM QUEST Journal of Management and Technology</i>	Vol. 7, No. 2 (July- Dec.) 2011, pp. 53-57	ISSN: 0975-6280
6.	Marketing to Rural India, An Analysis of the Various Rural Brand Preference Determinants in the FMCG Sector	Singh, R. & Sharma, D.	Chintan: A Journal of Commerce and Management	Vol. 1, No.1, pp. 82-88	

Department of English

Total no. of Research papers = 01

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
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1.	“Nature and Environment in the Indo Anglian Poets of the Pre-Independence Era”	Hemalatha K.	Jodhpur Studies in English	Vol.X,2012, Dept. of English, Jai Narain Vyas Univ.,Jodhpur. p. 16-29.Eds.Kalpna Purohit & Sudhi Rajiv.	ISSN 0970-843X
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Department of Computer Science

Total no. of Research papers = 06

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	ROUTING ANALYSIS BASED ON PERFORMANCE COMPARISON OF AODV, DSR, DYMO, OLSR AND ZRP IN MOBILE AD-HOC NETWORKS	Ritika, Nipur	International Journal of Research in IT & Management (IJRIM)	Volume 2, Issue 2, February 2012, pp. 356-363	ISSN: 2231-4334
2.	Performance Evaluation of Reactive, Proactive and Hybrid Routing Protocols Based on Network Size for MANET	Ritika, Nipur	International Journal of Computer Science and Security (IJCSS)	Volume (6) : Issue (1) : 2012, pp.34-42	ISSN (Online): 1985-1553
3.	Design, Validation, Simulation and Parametric Evaluation of a Fault Tolerant Network Trading System Using Mobile Agent	Heman Pathak, Kumkum Garg, Nipur	Journal of Information and Operations Management (JIOM)(2012)	Volume 3, Issue 1, pp 124-128	ISSN:0976-7754, E-ISSN: 0976-7762 ICV:4.72
4.	Comparative Performance of Hierarchical Location Management Mechanisms for Mobile Agents	Heman Pathak	Journal of Information Systems and Communication (JISC)(2012)	Volume 3, Issue 1, pp 278-281	ISSN: 0976-8742, E-ISSN: 0976-8750 ICV:4.57

5.	Colored Petri Net based Modeling of Hybrid Location Management Mechanism for Mobile Agents	Heman Pathak	Journal of Information Systems and Communication (JISC)(2012)	Volume 5, Issue 2, pp 291-294	ISSN: 0976-8742, E-ISSN: 0976-8750 ICV:4.57
6.	Maintaining Strong Cache Consistency Mechanism for Web	Neena Gupta, Mahesh Manchanda, Manish Kumar	Journal of Information and Operations Management”,	pp 206-209 Vol 3, Issue 1.	ISSN:0976-7754, E-ISSN:0976-7762 ICV:4.72,

Department of Sanskrit

Total no. of Research papers = 11

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Sanskar Nishpatti & Vikas	Saroj	Paripr Ekshya	Vol-1 page 255-258	2278-0602
2.	Sanskrit Samunnattau Uttarakhandasya Yogadanam	Saroj	Gurukul patrika	Vol-64 page 80-82	0976-8017
3.	Maharshi Vajyavalkya:Ek Prakand Vidwan and Darshnik	Archana Tripathi\	shodh patrika	Vol .XLI page 221-224	0973-8762
4.	Smritiyon me Yagyavalkya smriti ka sthana aur vaishishty	Archana Tripathi	samanbhuti shodh patrika	vol-2, p.g 139-142	0976-8017
5.	Naishadham vidwaoshadham	Archana Tripathi	shodh prabha	vol-3,,p.g. 134-136	
6.	Nadhbramh aur sangeet	Archana Tripathi	wisdom herald	vol-1,p.g. 167-170	
7.	Rastra guru madan mohan malviya	Archana Tripathi	Gurukul patrika	vol-2, 2011, p.n. 167-170	

8.	Adhunik Sanskrit Kvyu yugbodh ke pariprkshya me Vedo aur smritiyon ke pariprakshya me nari ka yagic adhikar	Archana Tripathi		vol-63a, 20011, p.n. 65-69	
9.	Sanskar Nishpatti & Vikas	Saroj	Paripr ekshya	Vol-1 page 255-258	2278-0602
10.	Sanskrit Samunnattau Uttarakhandasya Yogadanam	Saroj	Gurukul patrika	Vol-64 page 80-82	0976-8017
11.	Maharshi Vajyavalkya:Ek Prakand Vidwan and Darshnik	Archana Tripathi	shodh patrika	Vol .XLI page 221-224	0973-8762

Department of Psychology

Total no. of Research papers = 02

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Swami Shrdhanand ki Aatmkatha main Maharshi Dayanand Saraswati ka Bhavatmak Smaran	Richa saxena	Gurukul Shodha Prabha Gurukul Kangari Vishwavidhalaya, Hari dwar	Issue I April-June &pg no 59-67	2319-8907
2.	Empowering strategies in managing HR for High Performance	Richa saxena	Gurukul Shodha Prabha Gurukul Kangari Vishwavidhalaya,	Issue 2 July-Sept. &pg no 224-234	2319-8907

Department of Hindi

Total no. of Research papers = 04

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Dakkini hindi ka pramakhyan	Ranjana Razdan	Kashf, Vibhor prakasan Amritsar	Pg-146-153	2231
2.	Stree Shiksha ke bishy me Swami Shrdhanand ji ka yagdan	Amrita	Gurukul Shodhprabha	Vol-1 Pg95-100	2319

3.	Ved aur Upnisad sahitay me sakaratmak chintan	Amrita	Gurukul Shodhbharti	Vol-18 Pag-81-84	0974
4.	Hindi balsahitya me Nagaarjun ka yogdan	Prerna panday	Vishva-bharti patrika	Pg145-150	

(K) KANYA GURUKUL CAMPUS, HARIDWAR

Department of Chemistry

Total no. of Research papers = 05

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Application of turmeric dye in the coating of Triphala guggle ayurvedic tablet,	Anjali Goel, M.K. Bhardwaj and Neetu Rani	Journal of Applied and Natural Science	3(2), 307-311,2011	ISSN; 0974-9411 (print), 2231-5209 (online)
2.	Colloidal iridium nanoparticles in the oxidation by hexacyanoferrate(III) in alkaline medium – A kinetic study	Anjali Goel, Sonia Sharma	J. Indian Chem. Soc.	89(4), 507-512,2011	ISSN-0019-4522
3.	A kinetic study on the oxidation of glycine by hexacyanoferrate(III) ions in presence of iridium nanoparticles	Anjali Goel, Sonia Sharma	J. Chem. Bio. Phy. Sci. Sec. A	2(2) , 628-636,2012	ISSN 2249-1929
4.	A kinetic and mechanistic study on the oxidation of arginine and lysine by hexacyanoferrate(III) catalyzed by iridium (III) in aqueous alkaline medium	Anjali Goel, Ruchi Sharma,	J. Indian Chem. Soc.	89(9), 1191-1196,2012	ISSN-0019-4522
5.	Synthesis and antimicrobial studies of Thiazolidinones	Ravindra kumar, Abha shukla, D.S tyagi	Journal of Chemistry in asia	130-136	ISSN0975-9468

Department of Mathematics**Total no. of Research papers = 04**

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Free Vibration Analysis of Circular Plates of Variable Thickness resting on Pasternak Foundation	Seema Sharma, R.Lal, Shivani Srivastava	Journal of International Academy of Physical Sciences	Vol.15, pp. 161-174	0974-9373
2.	Free Transverse Vibrations of Non-homogeneous Circular Plates of Linearly Varying Thickness	Seema Sharma, R.Lal, Neelam	Journal of International Academy of Physical Sciences	Vol. 15, pp. 187-200	0974-9373
3.	Effect of Varying in-plane Forces on Vibration of Orthotropic rectangular Plates resting on Pasternak Foundation	Seema Sharma, U.S.Gupta, Prag Singhal	International Journal of Advances in Engineering Research	Vol. 2(III), pp. 36-45	2231-5152
4.	A Fixed Point Theorem of Systems of maps on product spaces	Ritu Arora	Journal of Natural and Physical Sciences	Vol. 24, No.1 pp.29-34	097-3799

Department of Microbiology**Total no. of Research papers = 05**

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Antimicrobial potential of Actinomycetes against microbes isolated from Ayurvedic drugs.	P. Singh, B Trivedi, Soma.	IJPRD	3 (12) 132-135	0974-9446 IF-2.01
2.	Building deteriorating fungi as Biocontaminant.	Padma Singh, M. chauhan	AJEBS	3 (1) 209-213	0975-5845

3.	HPTLC Fingerprinting analysis & antibacterial activity of various extracts from fruits of Cuminum cyminum	Padma Singh, Surbhi kaushik	Internatrional Journal of life sciences	1 (3) 2012. 43-47	2277-193X
4.	Biofungicidal or biocontrol activity of Lantana camara against phytopathogenic Alternaria alternate	Padma Singh, Deepika Srivastava	International Journal of Pharma Sci & Res.	3 (12) 4818-4821	0975-8232 ICV-5.50
5.	Comparative assessment of milk borne pathogens & their antibacterial sensitivity.	Padma Singh & Priyanka Chaudhary.	IJPSR	3 (10) 3778-3782	0975-8232 ICV-5.50

Department of Environmental Science

Total no. of Research papers = 09

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Impact of air quality on physiological attributes of certain plants.	Namita Joshi and Meha Bora (2011).	Report and Opinion	3:(2) 42-47.	1553-9873
2.	Assessment of water quality of river Ganges at Haridwar during Kumbh Mela-2010.	Namita Joshi and Vandana Sati	Report and Opinion	3(7) 30-36.	1553-9873
3.	Physico-chemical and microbiological characterization of three different vermicomposts.	Namita Joshi, Shuchi Pandey and Meha Bora	J. Appl. Bio.Sci.	38 (1): 78-81	(Print) 0975-685X (online) 0975-864X
4.	Status of mangroves and coastal ecosystem in Gujrat.	Parul Gupta, Anupma Sharma and Namita Joshi	J.Env. Bio.Sci.	26(1):131-133.	0973-6913 (Print) 0976-3384 (on line))

5.	A preliminary study on sewage quality improvement through water hyacinth (Eichhornia crassipes)	Sangeeta Madan and Neelam Verma	Environmental Conservation Journal	3, 63-66	0972-3099 IF-0.58
6.	Effect of pressmud incorporation on physiology of Cicer arietinum	Sangeeta Madan, Sheetal Sharma, Charu Saxena	Environmental Conservation Journal	3, 143-148	0972-3099 IF-0.58
7.	Physico-chemical analysis of selected ground water samples of Pratap Nagar, Saharanpur, Uttar Pradesh	Sangeeta Madan, Anjali Yadav, Somia Saini	Journal of Sustainable Environmental Research	1, 87-90	2278-196X
8.	Maturity Assessment of Rotary drum and windrow compost in terms of Germination index and Enzymatic activities	Sangeeta Madan, Akanksha Bhatia, Ankur Rajpal, A.A. Kazmi	International Journal of Applied Sciences & Engineering Research	1, 415-427	2277-8442
9.	Evaluation of Adsorbents Efficacy for the removal of pollutants from Sugar mill effluent	charu Saxena and Sangeeta Madan	ARNP Journal of Agriculture and Biology Sciences	7, 325-329	1990-6145

Department of Sanskrit

Total no. of Research papers = 07

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	शारीरिक शिक्षा में योग की अनिवार्यता	Veena Vishnoi	International research journal of Indology	PP: 131-135	0976-8017
2.	वैदिक समाजे नार्याः अधिकाराः कर्तव्यानि च।	Veena Vishnoi	आन्वीक्षिकी त्रैमासिक पत्रिका		0976-9315
3.	वैदिक जीवन का दार्शनिक दृष्टिकोण	Veena Vishnoi	गुरुकुल-शोध-भारती षण्मासिकी शोध पत्रिका		0974-8830
4.	हिन्दू धर्म में पर्यावरण	Veena Vishnoi	आध्यात्मिक पर्यावरण की मीमांसा पुस्तक। अरिहन्त प्रकाशन। डा0 किशनाराम विश्णोई। प्रथम संस्करण	pp.413-423	978-93-80872-45-2
5.	पुरुषसूका महत्व	संगीता विद्यालंकार	आर्य मर्यादा पत्रिका 2011	पृष्ठ सं0 02-03	RNI N0 268174

6.	वैदिक वाड.मय में पर्यावरण	संगीता विद्यालंकार	हरित वसुन्धरा अक्टूबर 2011	पृष्ठ सं० 03-04	RNI NO BHHIN- 2001/3741
7.	स्वामी श्रद्धनन्द एक प्रेरक व्यक्तित्व	संगीता विद्यालंकार	गुरुकुल शोध पत्रिका गु० का० वि० अप्रैल-जून 2012	पृष्ठ सं० 61-63	ISSN No- 2319-8907

Department of History

Total no. of Research papers = 02

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	Vedik Saahitya Mein vedik yugin dharma	Deepa Gupta	United Journal of Awadh Sholars	Vol. V Page No. 126-135	0974-0503
2.	Guptayugin Sichhai vyvastha	Deepa Gupta	United Journal of Awadh Sholars	Vol. VI Page No. 127-133	0974-0503

Department of Hindi

Total no. of Research papers = 13

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	हिन्दी कहानी और अज्ञेय	सुचित्रा मलिक	राष्ट्रवाणी	23 अंक 02 पृ. 23-26	महा.राष्ट्र भाषा सभा पुणे
2.	साहित्य के समकालीन और शाश्वत तत्व	सुचित्रा मलिक	अनभै/ हिन्दी अनुशीलन	वर्ष 8 अंक 32/ सयुक्तांक 1-4 अक्टू-दिस. 11/ जन-दि० 2012. 74 / 120-127	RNI NO MAH -HIND /2004/19150/ ISSN 2249- 930X
3.	पन्त काव्य में प्रकृति और मानव	सुचित्रा मलिक	केदार मानसग	1 अंक 1, पृ. 119	पीताम्बर दत्त बड. थवाल हिन्दी अकादमी, उत्तराखण्ड
4.	विश्व भाषाओं के मध्य संस्कृत भाषा के सम्बन्ध सूत्र	सुचित्रा मलिक	गुरुकुल शोध भारती	17 पृ. 210-214	ISSN 0974- 8830
5.	देवनागरी लिपि की यात्रा में महर्षि दयानन्द का अवदान	सुचित्रा मलिक	'नागरी संगम पत्रिका	34 अंक 134 पृ. 24-29	
6.	सिद्धनाथ योगियों का हिन्दी साहित्य पर प्रभाव	सुचित्रा मलिक	कश्फ	अंक 1 पृ.91-98	ISSN 22373869
7.	मदन मोहन मालवीय	सुचित्रा मलिक	गगनाचल	वर्ष 35 अंक 3 मई-जून 12	ISSN 0971- 1430
8.	वाल्मीकि रामायण और रामचरितमानस में नीति	मृदुल जोशी	गुरुकुल-शोध-भारती (मूल्यांशोधपत्रिका)	अंक-15, मार्च-2011, पृ० 182.-187	ISSN 0974-8830

9.	भूमण्डलीकरण और आज की हिन्दी कविता	मृदुल जोशी	गुरुकुल-पत्रिका (इन्टरनेशनल रिसर्च जर्नल ऑफ इण्डोलॉजी-	वर्ष-63, जनवरी-मार्च, 2011, पृ 202-208।	ISSN 0976-8017
10.	समकालीन बनाम शाश्वतता	मृदुल जोशी	प्रगति वार्ता(शोध, साहित्य, संवाद और शैक्षिक चिंतन का मासिक	वर्ष-7, अंक-62, मई 2011 पृ 30-34	ISSN 2229-5062
11.	भरत का त्याग और भातृ प्रेम: वाल्मीकि और तुलसी की दृष्टि में	मृदुल जोशी	गुरुकुल-शोध-भारती (मूल्यांशोधपत्रिका	अंक-16, सितम्बर-2011, पृ 189-199	ISSN 0974-8830
12.	मोहन राकेश कृत आधे अधूरे : रंगमंच के निकष पर	मृदुल जोशी	अनुसंधान वाटिका (त्रैमासिक मूल्यांशोध पत्रिका	अंक-1, जुलाई-दिसम्बर -2011 पृ 34-39	ISSN 2230-8938
13.	शम्बूक : समकालीन दलित विमर्श की एक सशअभिव्यक्ति	मृदुल जोशी	गुरुकुल-पत्रिका (इन्टरनेशनल रिसर्च जर्नल ऑफ इण्डोलॉजी	वर्ष-63, अक्टूबर-दिसम्बर, 2011 पृ 111.-116।	ISSN 0976-8017

Department of English

Total no. of Research papers = 04

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	“The Narrative Knack in Bharti Mukharjee’s Novels	Mudita Agnihotri	Explorer, Summer 2012	Vol. XXXIV, P. 138-144.	Issn 09746757
2.	Echoes of Realism in the Novels of Githa Hariharan	Manjusha Kaushik	Literary Discourses	P. 320-328	09762035
3.	Attitudinal Shift in Woman: A Study of Rita Garg’s An Abbreviated Child (69	Neha Garg	A Peer-reviewed International Research Journal of Literature and Art		Volume-3
4.	The Continued Journey of Woman in Namita Gokhle’s A Himalyan Love Story	Manjusha Kaushik Mudita Agnihotri	The Vedic Path A Quarterly English Journal G.K.V. Adhikar, March 2013		0970-1443 Volume-Lxxxvi

Department of Psychology**Total no. of Research papers = 03**

Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN & IF
1.	A study of frustration among rural and urban school going adolescents.	S. L. Juyal	Journal of Indian Health Psychology.(National Journal)	4 (5),33-40	ISSN: 0973-5755
2.	A study of adjustment of rural and urban school going adolescent.	S. L. Juyal	International Journal of Behavioral Sciences	26 (1-2) 67-76	ISSN- 0971-3190,
3.	Role of Personality Types in Higher Education : A Literature Review.	S. L. Juyal	International journal of Management and Computing Sciences.	1 (3),52-60	ISSN-2231-3303,

Annexure – 6

Honours/Awards/Distinctions to Our Teachers during 2011-12

1. Dr. Hemwati Nandan, Department of Physics has been awarded Young Scientist Award-2011 by Uttarakhand State Council for Science & Technology (UCOST) during 6TH Uttarakhand State Science and Technology Congress from 14-16 November, 2011.
2. Prof. R.D. Kaushik of Chemistry Department acted as Zonal Secretary of Indian Council of Chemists. He also acted as Sectional Recorder/Secretary, Chemical Section of Indian Science Congress.
3. Dr. Mayank Agrawal was choosen (by students) as most popular teacher of FET and Prof.V.K.Singh was choosen as best teacher of FMS.

Annexure – 7

Community Service

1. Dr. Navneet of Department of Botany and Microbiology is working as Coordinator of National Service Scheme. He organized three blood-donation camps on 17-09-2011, 22-10-2011 & 27-03-2012 under this programme.
2. Prof. Vinod Kumar, Dr. Vivek Kumar, Dr. M.S. Aswal and Dr. Swetank of the Department of Computer Science and Dr. Mayank Agrawal of FET are the members of Bharat Vikash Parishad which is a body engaged in social upliftment activities. Prof. Vinod Kumar is also involved in the service of the society as member of International Goodwill Society. He also financially supported the plantation programme of Gurukul Kangri Vishwavidyalaya Vibhag to plant 175 trees of different types.
3. Prof. P.P. Pathak, Department of Physics is an active member of PAHAL (People's Association of Hill Area Launchers). He is also associated with various activities to promote students upto Senior Secondary level for science projects as Vice-president of State Academic Committee and Coordinator of District Academic Committee for National Children Science Congress.
4. Dr. Hemwati Nandan, Department of Physics is involved in various science popularization programmes (particularly to popularize the low cost experiments in physics designed by Prof. H.C. Verma, IIT Kanpur) mainly with the support received from the Indian Association of Physics Teachers (IAPT).
5. The Faculty members of the Department of Sanskrit are actively involved in different activities such to participate in National/International seminar/meetings to convey the role of Vedic Thoughts for social awareness, women education and improvement and removal of evil practices in society.
6. Prof. Dinesh Chanddra Shastri, Department of Veda delivered a radio varta (in Sanskrit) on “संस्कृत साहित्ये गंगास्नान फल विचारः” He also guided the participant on the issue “स्वास्थ्य, सार्वजनिक तथा व्यक्तिगत स्वच्छता, आपदा प्रबन्धन, व्यक्तित्व विकास” during a camp of National Service Scheme organized by Gurukul Mahavidyalaya, Jwalapur, Haridwar on 18-12-2011.
7. Dr. Mayank Agrawal of FET became a life time member of Indian Red Cross Society.

Annexure - 8

Financial Aid to Students

- (a) A total amount of ` 18,439/- was disbursed in the form of Merit cum Poor Boys Scholarships in 2011-12.
- (b) A total amount of ` 41,41,755/- was disbursed to 121 SC/ST students of the Vishwavidyalaya.
- (c) A total amount of ` 8,40,525/- was disbursed in 20 OBC students of the Vishwavidyalaya in favour of scholarship.
- (d) A total amount of ` 9,700/- was disbursed to 02 minority students of the Vishwavidyalaya as scholarship.
- (e) An amount of ` 3,700/- was disbursed to 02 physically challenged students of Vishwavidyalaya in favour of scholarship.
- (f) Each year, a scholarship is given to Vedic students from the interest accumulated from a principal sum of ` 15,00,000/- (Fifteen lac) generated by the Department of Veda from Dr. Tulsi Ram Rambai Scholarship.

Annexure – 9

Students Achievements and Awards

1. Mr. Rohit Chauhan of Department of Zoology & Environmental Science was awarded best poster presentation at a National Seminar organized by Hindu (PG) College, Moradabad.
2. Dr. Vinay Sethi of same Department was awarded D.S. Kothari Post Doct fellowship by UGC and fast track Post Doc fellowship by DST.
3. Ms Akansha Bhatia of Environment Science KGC Haridwar Yong Scientist award and poster category USSTC-2012.
4. Ms Parul Gupta first in oral presentation and Yong Scientist category in National Seminar held at
5. Student of Sanskrit Department of KGC Haridwar bagged II & III position district and regional level. Sanskrit Debate competition organized by Uttarakhand Sanskrit Academy, Govt. of Uttarakhand.
6. University hockey team became champion in North Zone Interuniversity Hockey (M) Championship (2008-2009) so the prize money of ` One lac was given to the winning team members along with coach/manager.
7. University hockey team became champion in All India Interuniversity Hockey (M) Championship (2008-2009) so the prize money of ` 1.5 lac was given to the winning team members along with coach/manager.

Annexure – 10 (a)

List of Students Selected (Campus Placements) in 2011-12

B.Tech.-2012		
PERSONAL INFORMATION		
Sr. No.	Student's Full Name	Company
1	ABHAY AGARWAL (CSE)	TCS Ltd.
2	ABHISHEK JAIN (CSE)	Oracle
3	ADESH PATHAK (CSE)	HCL Technologies
4	AJAY KANT BHARTI (CSE)	HCL Technologies
5	AMAN PRATAP SINGH (CSE)	TCS Ltd.
6	AMIT AHUJA (CSE)	TCS Ltd.
7	ANUPAM SINGH BHADARIA (CSE)	TCS Ltd.
8	Anupam Gupta	Samsung India Electronics Pvt. Ltd.
9	ARPAN GARG (CSE)	TCS Ltd.
10	ASHEESH PATHAK (CSE)	HCL Technologies
11	CHETAN ARORA (CSE)	TCS Ltd.
12	DEEPAK AGGARWAL (CSE)	TCS Ltd.
13	DHIRAJ KUMAR (CSE)	HCL Technologies
14	KANAV SHARMA (CSE)	TCS Ltd.
15	KARANDEEP HANDA (CSE)	TCS Ltd.
16	KAUSHAL KISHOR (CSE)	Data Patterns
17	KULDEEP SINGH RATHOR (CSE)	TCS Ltd.
18	Manvendra Singh Rathaur (CSE)	Wipro (BPO Division)
19	NIRAJ TIWARY (CSE)	Data Patterns
20	NIRMIT AGNIHOTRI (CSE)	HCL Technologies
21	NITESH KUMAR PANDIT (CSE)	HCL Technologies
22	NUTAN GARLA (CSE)	TCS Ltd.
23	PRERAK KHANDELWAL (CSE)	TCS Ltd.
24	RAVISH ARORA (CSE)	TCS Ltd.
25	SAURABH JAISWAL (CSE)	TCS Ltd.
26	SHASHANK SRIVASTAVA (CSE)	TCS Ltd.
27	SYED SHESHAN ALI (CSE)	HCL Technologies
28	VAIBHAV DAWRA (CSE)	HCL Technologies
29	VIJAY PRAKASH (CSE)	TCS Ltd.
30	VISHAL AGARWAL (CSE)	TCS Ltd.
31	ABHINAV S PANWAR (ECE)	TCS Ltd.
32	ABHISHEK SINGH (ECE)	TCS Ltd.
33	AKASH CHAUDHARY (ECE)	HCL Technologies Ltd.
34	AMAN SINGH SENGAR (ECE)	TCS Ltd.
35	AMIT KUMAR (ECE)	TCS Ltd.
36	AMIT RAJ (ECE)	TCS Ltd.
37	ANANYA VIZ (ECE)	Wipro (BPO Division)
38	ANANT TYAGI (ECE)	TCS Ltd.
39	ANUPRAS VASHISHTHA (ECE)	TCS Ltd.
40	ASHISH KUMAR SINGH (ECE)	TCS Ltd.

41	HARSH CHAUBEY (ECE)	HCL Technologies Ltd.
42	MANISH KUMAR VISHWAKARMA (ECE)	HCL Technologies Ltd.
43	PAWAN KUMAR GANGWAR (ECE)	Data Patterns
44	PIYUSH PRAKASH (ECE)	TCS Ltd.
45	PRIYANK TIWARI (ECE)	HCL Technologies Ltd.
46	RAGHUVENDRA DIXIT (ECE)	TCS Ltd.
47	SHUBHANG VATS (ECE)	TCS Ltd.
48	SWAPNIL GARG (ECE)	TCS Ltd.
49	TARUN MAJHWAR (ECE)	TCS Ltd.
50	TARUN LOCHAB (ECE)	TCS Ltd.
51	TRIVESH MITTAL (ECE)	TCS Ltd.
52	ADITYA SHARMA (EE)	TCS Ltd.
53	AMAN GUPTA (EE)	TCS Ltd.
54	NIPUN KUMAR (EE)	TCS Ltd.
55	VIMAL SINGH BOHRA (EE)	TCS Ltd.

MCA-2012

PERSONAL INFORMATION

Sr. No.		Company
1	ANAMIKA CHAUBEY	Smart Data
2	EKTA JAIN	TCS Ltd.
3	KAVITA ARORA	TCS Ltd.
4	PARUL SHARMA	HCL Technolgies Ltd.
5	PRERNA	TCS Ltd.
6	SWAPNIL BHADAURIYA	Smart Data
7	UPASANA SUYAL	TCS Ltd.
8	BHARAT BHUSHAN	HCL Technolgies Ltd.
9	RAVI KANT SHARMA	TCS Ltd.
10	VIBHOR SINGHAL	TCS Ltd.

MBA-2012

PERSONAL INFORMATION

Sr. No.		Company
1	Virendra Kumar Kashyap	India Infoline Ltd.
2	Jitender Kumar	India Infoline Ltd.
3	Amit Kumar	India Infoline Ltd.
4	Rajmohan Singh	India Infoline Ltd.
5	Rahul Sharma	India Infoline Ltd.
6	Vipin Pundir	India Infoline Ltd.
7	Deepak Kumar malik	India Infoline Ltd.
8	Navneet Kumar	India Infoline Ltd.
9	Amriteshwar Pathak	India Infoline Ltd.
10	Rajeev Sharma	India Infoline Ltd.
11	Ankit Kumar	Bajaj Allianz
12	Navneet Kumar	Bajaj Allianz
13	Deepak Kumar Malik.	Bajaj Allianz

14	Vishank Jain	PNB Metalife
15	Nitish Jain	PNB Metalife
16	Gourav singh	Apex Laboratory
17	Balram Pal	Apex Laboratory
18	Shivi Agarwal	HDFC Bank
19	Bhinky Kahar	HDFC Bank
20	Mukesh Kumar Singh	HDFC Bank
21	Monika Kumari	HDFC Bank
22	Gagan Preet Kaur	HDFC Bank
23	Rahul Chauhan	HDFC Life Insurance
24	Pratibha Deep Bharat	HDFC Life Insurance
25	Aditya Singh	HDFC Bank, Delhi
26	Pradeep Nath	HDFC Bank, Delhi

M.Sc.-Chemistry 2012

PERSONAL INFORMATION

Sr. No.		Company
1	Anju Tomar	Sterlite Technolgies Ltd.
2	Nishi Bansal	Sterlite Technolgies Ltd.
3	Vinika Dhiman	Sterlite Technolgies Ltd.
4	Vikash Chauhan S/o Mr. Brahampal Singh	Forace Polymers (P) Ltd.
5	Nakul Kumar S/o Mr. Rashipal Singh	Forace Polymers (P) Ltd.
6	Shivam Chauhan	Forace Polymers (P) Ltd.
7	Neeraj Kumar	Asian Paints Ltd.
8	Manendra Singh Chauhan	Asian Paints Ltd.
9	Nikhil Chauhan	Asian Paints Ltd.
10	Pradeep Kumar	Asian Paints Ltd./ Themis Medicare Ltd.
11	Akshay Kumar Jain	Asian Paints Ltd.
12	Deepak Kumar	Ambuja Cement Ltd.
13	Mukul Kumar	Ambuja Cement Ltd.
14	Prashant Kumar	Themis Medicare Ltd.
15	Prashant Kumar Sharma	Themis Medicare Ltd./ HUL
16	Pradeep Kumar Saini	Themis Medicare Ltd.

M.Sc.-Mathematics 2012

PERSONAL INFORMATION

Sr. No.		Company
1	Pravesh Kumar	Sterlite Technolgies Ltd.
2	Sheelu Tyagi	Sterlite Technolgies Ltd.

M.Sc.-Environmental Science 2012

PERSONAL INFORMATION

Sr. No.		Company
1	Mr. Hemraj Singh	Wipro Technologies (WISTA Division)/ Grass Roots Research and Creation India (P) Ltd.
2	Ms. Kirtika Sharma	Grass Roots Research and Creation India (P) Ltd.

B.Sc.**PERSONAL INFORMATION**

Sr. No.		Company
1	Naveen Kumar	Themis Medicare Ltd.

B.Pharma**PERSONAL INFORMATION**

Sr. No.		Company
1	Prabhat C Raturi	Themis Medicare ltd.
2	Abhishek Bhardwaj	Themis Medicare ltd.
3	Diwakar Joshi	Themis Medicare ltd.
4	Bharat Boharal	Themis Medicare ltd.
5	Aditya Arora	Themis Medicare ltd.
6	Himanshu Choudhary	Themis Medicare ltd.

Annexure - 10 (b)

List of Companies visited (On Campus + Off Campus) during 2011-12

OPPORTUNITIES TO THE STUDENTS OF 2012 BATCH (Department Wise)	
Sl. No.	MCA
1	Aon Hewitt (A Division of Aon Corp.)
2	BrickRed Technologies
3	HCL Technologies Ltd.
4	IBM
5	Infogain
6	MetaDesign
7	NEC Systems Technologies Ltd.
8	Oracle
9	Smart Data
10	Tally Solutions (P) Ltd.
11	Tata Consultancy Services Ltd. (TCS)
12	Xevoke Consulting Pvt. Ltd.
13	Inoxapps

B.Tech.	
1	Data Patterns India Pvt. Ltd
2	HCL Technologies Ltd.
3	IBM
4	Indian Army (UES-19)
5	J.K. Technosoft Ltd.
6	MetaDesign
7	NEC HCL Systems Technologies Ltd.
8	Oracle
9	Vijay Electricals
10	Samsung India Electronics Pvt. Ltd.
11	Smart Data
12	Tally Solutions (P) Ltd.
13	Tata Consultancy Services Ltd. (TCS)
14	Wipro BPO (A Division of Wipro Ltd.)
15	Robert Bosch
16	Data64

MBA	
1	Reliance Retail Ltd.
2	Vishal Retail Ltd.
3	Ceasefire Industries Ltd.
4	Redington India Pvt. Ltd.

5	99acres.com
6	Apex Laboratories
7	PNB Metalife
8	HDFC Bank, Dehradun
9	Bajaj Allianz
10	HDFC Life
11	India Bulls
12	India Infoline Ltd.
13	HDFC Bank, Haridwar
14	Genpact, Gurgaon
15	ASAHI India Glass
16	Tanishq Jewellers
17	ICICI Bank

	M.Sc. Chemistry
1	Sterlite Technologies Ltd.
2	Themis Medicare Ltd.
3	Ambuja Cement Ltd.
4	Asian Paints Ltd.
5	Forace Polymers (P) Ltd.
6	Teva API India Ltd.
7	Torrent Pharma Ltd.
8	Uflex Ltd. (Chemical Devison)
9	Eureka Forbes Limited
10	Dabur India Ltd.
11	WIPRO Technology
12	Ecoparyavaran, mohali

	M.Sc. Mathematics
1	Sterlite Technologies Ltd.
2	WIPRO Technology
3	Elipsis Consulting Pvt. Ltd.

	M.Sc. Env. Sci.
1	Grass Roots Research and Creation India (P) Ltd.
2	WIPRO Technology
3	Ecovaryavaran

	M.Sc. Physics
1	Sterlite Technologies Ltd.
2	WIPRO Technology

	B.Pharma
1	Apex Laboratories
2	Themis Medicare Ltd.
3	Tarrant

	B.Sc.
1	Wipro Technology
2	Baxil Pharma
3	CONVERGYS INDIA LTD
4	Denso
5	Infosys Technology
6	Wipro BPO

Annexure - 11
Civil Construction Work Done During 2011-12

Sl. No.	Date	Name of work	Department	Agency	Estimate Cost	Completion Cost	Remarks
1.	29-04-11	Steel Gate	Prof. Qtrs. No. 1	Arvind Kunar Cont.	4500	4270	
2.	09-08-11	Vitrified floor tiles	M C A Dept.	Arvind Kunar Cont.	159824	146206	
3.	20-10-11	Painting work	Professor Colony	Arvind Kunar Cont.	425000	475951	
4.	15-06-11	Vitrified floor tiles	Senate Hall	Arvind Kunar Cont.	216000	225336	
5.	28-09-11	Green House	Environmental Dept.	Arvind Kunar Cont.		573297	
6.	13-07-11	Painting work	M C A Dept.	Arvind Kunar Cont.	25000	23952	
7.	12-07-11	Tiles work	M C A Dept.	Arvind Kunar Cont.	43627	40804	
8.	23-07-11	Mosquito net door	Professor Colony	Arvind Kunar Cont.	55000	51104	
9.	03-12-11	Steel Gate	Professor Colony	Arvind Kunar Cont.	40000	41517	
10.	15-06-11	Painting work & other misc. work	Ved Mandir	Arvind Kunar Cont.	84000	104659	
11.	21-01-11	Sanitary & other misc. work	Qtrs. Type-III	Arvind Kunar Cont.	485000	463474	
12.	02-03-12	Steel Collapsible Gate	Environmental Dept.	Golden Alu. Works	50502	50502	

