

# **Annual Quality Assurance Report (AQAR) of the IQAC**

**Name of the Institution: KLE University**  
(KLE Academy of Higher Education & Research)

**Year of Report: 2010-2011**

## **Plan at the beginning of the year :**

- To add new / innovative academic programs.
- To conduct orientation programs for the benefit of the research scholars as per the UGC Regulations.
- To establish Department of Biostatistics at KLE University, as recommended by Peer Team of NAAC.
- To strengthen the research activities by encouraging the faculty members.
- To conduct Seminar on behalf of NAAC.
- To enhance Community Health Services.
- To encourage the teaching faculty & research scholars to apply for research grants.
- To submit proposal to the UGC for establishment of Academic Staff College of the University.

## **Section B :**

### **1. Activities reflecting the goals and objectives of the Institutions :**

Following activities were carried out by the University and its constituent units to meet the goals and objectives of the University :

- The University started new four academic programs Diploma in Transfusion Medicine, Post-Graduate Diploma in Nano-medicine, MPT courses in Sports Physiotherapy and Cardio-respiratory Physiotherapy.
- The University and its eight constituent units have conducted Seminars / Workshops / Lecture Series and other curricular, co-curricular and extra-curricular activities.
- The University has followed the new Regulations of the UGC as regards Ph.D Programs.
- Department of Bio-statistics at KLE University has been established.
- The faculty members and the research scholars are motivated to conduct research activities / publications by granting them cash incentives for the same.

- As approved by NAAC, the University intends to conduct Seminar in the month of July / August 2011.
- The health care facilities in the Primary Health Centres adopted by the University have been further strengthened by providing additional equipments / facilities / mobile dental clinic. A MoU with the Government of Karnataka has been signed for implementation of 'Balasanjeevini' Scheme for the benefit of the children between the age group of 0-6 years.

## **2. New academic programmes initiated (UG and PG)**

The University has started the following new academic programs :

- Diploma in Transfusion Medicine.
- MD (Ayurveda) (Kayachikista / Shalyatantra / Kaumarbhritya / Panchakarma / Agadatantra /Bhaishjyakalpana / Sanjnaharana).
- Post-Graduate Diploma in Nano-medicine.
- MPT in Sports Physiotherapy
- MPT in Cardio-respiratory Physiotherapy

## **3. Innovations in curricular design and transaction :**

- The University has revised the course curricula / syllabi which are three years old based on the recommendations of the respective Boards of Studies & approval of the Academic council and norms of the respective Regulating Councils.
- The Semester based syllabus / curriculum has been introduced for B.Pharm . course & PG Diploma in Clinical Research.
- OSCE / OSPE for internal assessment of various programs have been introduced.

## **4. Inter-disciplinary programmes started :**

The University has started Doctor of Philosophy (Ph.D) Program in the Inter-disciplinary subjects. Four students have enrolled for this program for the academic year 2010-11.

## **5. Examinations reforms implemented :**

The University has implemented the following Examination reforms :

- Multiple Choice Questions (MCQs) are introduced in all the examinations of UG courses.
- Question Paper setting & moderation is highly confidential.

- Answer scripts are Bar-coded.
- Provision for third evaluation for UG courses, if the difference of marks is more than 15% between the first 2 examiners.
- Provision for valuation by four examiners for PG examinations.
- The results are declared within 15 working days from the last date of practical exams.

**6. Candidates qualify : NET/SLET/GATE etc.**

The total number of candidates qualified in Graduate Pharmacy Aptitude Test (GPAT) is **18**.

**7. Initiative towards faculty development programme :**

The University Department of Education for Health professionals (UDEHP) has been established and is fully functional. The Department is committed to professional development of all the health science faculty . The Department has conducted 18 workshops / programs for the faculty development for the year 2010-11. The total number of faculty (in-house and external) who have been benefited are 611 comprising of 244 external faculty and 367 internal faculty. The faculty members have been motivated to attend advanced faculty training programs at various Institutions of national / international repute.

**8. Total number of Seminars / workshops conducted :**

A total number of 170 Seminars / Workshops were conducted by various Departments of the eight constituent units of the University.

**9. Research Projects :**

The total number of research projects which have been **newly implemented** by the University Research Foundation and the constituent units of the University are 20.

The total number of research projects which have been **completed** by the University Research Foundation and the constituent units of the University are 21.

**10. Patents Generated, if any :**

One (in process)

**11. New collaborative research programmes :**

New collaborative research programs : Nine

**12. Research grants received from various agencies :**

Total research grants sanctioned and received from various agencies which include UGC, ICMR etc. are Rs. 4,62,12,813-00 (Rs. four crores sixty-two lakhs twelve thousand eight hundred and thirteen) and Rs. 3,46,35,339-00 (Rs. three crores forty-six lakhs thirty-five thousand three hundred and thirty-nine ) respectively.

**13. Details of research scholars :**

The total number of candidates enrolled for the Doctor of Philosophy (Ph.D) Program in the disciplines of health science viz. Medical, Dental, Pharmacy including Inter-disciplinary Area for the year 2010-11 is as follows :

Sl.No.	Faculty	No. of Research Scholars	Category	
			Part-time	Full-time
1	Medical	4	4	-
2	Dental	1	1	-
3	Pharmacy	11	6	5
4	Ayurveda	-	-	-
5	Inter-disciplinary	4	1	3
	<b>Total</b>	<b>20</b>	<b>12</b>	<b>8</b>

**14. Citation index of faculty members and impact factor :**

The impact factor of journals wherein the faculty has published articles is enclosed vide annexure.

**15. Honors/Awards to the faculty.**

As many as 81 faculty member of the University have received honours / awards / distinctions which include members to various national / state level associations / bodies, best teacher award, best oral presentation award, executive council member etc.

**16. Internal resources generated :**

The details of the amount generated by way of internal resources by the University including its constituent units are as follows :

<b>Sl. No.</b>	<b>Name of the Institution</b>	<b>Amount generated (Rs.)</b>
1	KLE University	38,203,247-00
2	Jawaharlal Nehru medical College, Belgaum,	373,017,549-44
3	KLE VK Institute of Dental Sciences, Belgaum	120,928,001-00
4	KLE College of Pharmacy, Belgaum	36,384,628-00
5	KLE College of Pharmacy, Hubli	21,243,326-00
6	KLE College of Pharmacy, Bangalore	19,404,026-00
7	KLE Sri BMK Ayurveda Mahavidyalaya, Belgaum,	22,512,755-00
8	KLE Institute of Physiotherapy, Belgaum	8,845,498-00
9	KLE Institute of Nursing Sciences, Belgaum	20,056,160-00

**17. Details of departments getting SAP, COSIST (ASSIST) DST, FIST, etc. assistance /recognition :**

<b>Sl. No.</b>	<b>Name of the beneficiary and Institute</b>	<b>Project title</b>	<b>Funding Agency</b>	<b>Amount (Rs. in lakhs)</b>
1.	Dr. S. M. Hipparagi KLE College of Pharmacy, Bangalore	Design of Microwave assisted synthesis of some Heterocyclic compounds and QSAR studies for their Anticancer and Anti-tubercular Activity.	AICTE, New Delhi	14.30
2	Mrs. Mamatha A, KLE College of Pharmacy, Bangalore	Use of microtron irradiation on microbial safety and medicinal quality of Ashwagandha and Kalmegh	Dept. of Atomic Energy, Govt. of India	17.39
3	J. N. Medical College, Belgaum	Clinical Skill Lab	Department of Science & Technology, New Delhi	30.00 (10.00 lakhs per year for 3 years)

4	Department of Pharmacology, KLE College of Pharmacy, Hubli	Pharmacological Screening of traditional medicines	Vision Group on Science & Technology (VGST), Department of Science & Technology, Government of Karnataka	30.00 (Rs. 10.00 lakhs per year for three years)
5	Smt. F. S. Dasanakopp, Assistant Professor, KLE College of Pharmacy, Hubli	Formulation in Vitro and in Vivo Evaluation of a Novel in situ gelling guar gum based Ophthalmic Drug Delivery System of an Antibiotic.	--do--	10.00
6	KLE College of Pharmacy, Belgaum	a) Current status and future perspectives Pharmaceutical technology – March 2011. b) Evidence based pharmacy practice – 2010 c) Quality assurance of pharmaceuticals: Meeting a major public health challenge – October 2010.	AICTE	15.19
7	Dr. S. S. Jalalpure and Mr. Madan Kaushik, KLE College of Pharmacy, Belgaum	Preliminary Phytochemicals Study and Antiarthritic Potential of Ficus Glomerata Rose latex in Rats.	ICMR	0.18 (per month for 3 years )
8	Dr. S. S. Jalalpure	Evaluation of potential botanicals and isolation of active compounds for the management of diabetes mellitus	UGC	10.89
9	Dr. Srinivas Prasad, Principal, KLE Sri BMK Ayurveda Mahavidyalaya, Belgaum	Revitalization of local health traditions	AYUSH (Ayurveda, Yoga, Unani, Siddha and Hmoepathy),	5.00

			New Delhi	
10	Dr. S. K. Hiremath, Professor of Agadatantra & Dr. Ajit Lingayat, Lecturer, Dept. of Dravyaguna, KLES Sri BMK Ayurveda Mahavidyalaya, Belgaum	Effect of nakshatra and season on manduk parni with special reference to Pharmacognosy and Phytochemical variations.	RGUHS, Bangalore	0.25
11	Dr. Shaila Kotiwale Professor, Department of Periodontics, KLE VK IDS, Belgaum.	A comparative antiplaque and antigingivitis effect of herbal mouth rinfe containing basil, clove teatree oil compared to commercially available essential oil mouth rinse-	Tooth paste sponsored by Anchor health and beauty care Pvt. Ltd.	0.25
12	Dr. Mamata H Reader, Department of Public Health Dentistry, KLE VK IDS, Belgaum	Relationship between parental perception of child's oral health using ECOHI S and ECC among preschool children in Belgaum city	ICMR	0.10
13	Dr. Roopali Lecturer, Department of Public Health dentistry, KLE VK IDS, Belgaum Ms. Neelam Raval BDS Student Public Health Dentistry KLE VK IDS, Belgaum	Awareness about oral cancer and oral potentially malignant disorder among rural population of Belgaum District	ICMR	0.10
14	Ms. Devabhaktuni R. S. BDS Student Public Health Dentistry KLE VK IDS, Belgaum	Dental Anxiety among children before and after dental treatment	ICMR	0.05
15	Ms. Shefali Johri BDS Student Public Health Dentistry	Effectiveness of herbal and fluoridated tooth paste on plaque and gingival score among	ICMR	0.05

	KLE VK IDS, Belgaum	residents of working women's hostel. Randomized controlled trial.		
16	Ms. Amisha Sharma BDS Student Public Health Dentistry KLE VK IDS, Belgaum	Assessment of knowledge, attitude and Practices regarding tobacco smoking among 14-18 years old school and pre university students in Belgaum city, Karnataka.	ICMR	0.05

### 18. Community Services :

The Departments / NSS units of constituent units have been conducting number of community oriented health awareness programs for the benefit of public in general and rural population in particular. The total number of community oriented programs conducted by the University including its constituent units is 52.

### 19. Teachers and officers newly recruited :

The University has appointed **129** number of teachers (Professors / Associate Professors / Assistant Professors / Lecturers) and officers in the constituent units of the University.

### 20. Teaching – Non-Teaching staff ratio :

The ratio of teaching – non-teaching staff at the University comprising of its constituent units is as follows:

Sl. No.	Name of the Institution	Teaching-Non-teaching Ratio
1.	Jawaharlal Nehru Medical College, Belgaum	1:0.92
2.	KLE VK Institute of Dental Sciences, Belgaum	1:1.12
3.	KLE College of Pharmacy, Belgaum	1:0.90
4.	KLE College of Pharmacy, Hubli	1:0.88
5.	KLE College of Pharmacy, Bangalore	1:1.40
6.	KLE Sri BMK Ayurveda Mahavidyalaya, Belgaum	1:0.95
7.	KLE Institute of Physiotherapy, Belgaum	1:0.33
8.	KLE Institute of Nursing Sciences, Belgaum	1:0.58



**21. Improvements in the library services :**

- Total Wi-Fi solution in the campus.
- Internet facility provided for accessing journals along-with relevant literature through Helinet consortium using 20 MBPS leased line. The University has also procured 1 GBPS as part of NKN as per directives of MHRD.
- Xerox facility and book binding facility is available for students and staff.
- 67 new computer systems have been added in the Digital Library.
- HELINET Consortium has been restored by RGUHS in the Digital Library.
- Online Public Access Catalogue (OPAC) has been installed in the Reference section.
- The University has incorporated ICT in Medical, Dental and Pharmacy curriculum. Various teaching modules for strengthening teaching and learning modules for reinforcing learning are available on a dedicated University server which can be accessed round the clock by staff and students anywhere in the campus using total Wi-Fi solution.

**22. New books /Journals subscribed and their value :**

The details of new books / journals subscribed along-with their value are as follows :

Sl. No.	Name of the Institution	No. of Books	Cost (Rs.)	No. of Journals			Cost (Rs.)
				National	Inter-national	Total	
1	Jawaharlal Nehru Medical College, Belgaum	619	14,07,923-00	3	3	6	2,30,830-00
2	KLE VK Institute of Dental Sciences, Belgaum	182	3,05,850-00	-	5	5	4,71,793-00
3	KLE College of Pharmacy, Belgaum	133	83,615-00	1	2	3	10,760-00
4	KLE College of Pharmacy, Hubli	116	1,38,804-00	-	1	1	54,310-00

5	KLE College of Pharmacy, Bangalore	1,587	3,02,651-00	1	-	1	1,200-00
6	KLE Sri BMK Ayurveda Mahavidyalaya, Belgaum	1,300	4,56,359-00	2	-	2	1,800-00
7	KLE Institute of Physiotherapy, Belgaum	284	5,48,583-00	-	5	5	2,23,467-00
8	KLE Institute of Nursing Sciences, Belgaum	840	2,88,366-00	2	-	2	6,500-00

**23. Courses in which student assessment of teachers is introduced and the action taken on student feedback :**

- Feedback from UG & PG students about teaching faculty is being obtained.
- The feedback so collected is then being analyzed by the IQAC of the institution. A report is then prepared by the IQAC, which is forwarded to the faculty members for improvement / compliance.

**24. Feedback from stakeholders :**

Feedback is being obtained from stakeholders (students, parents, external experts etc.) and appropriate action is being taken on implement the suggestions / inputs obtained.

**25. Unit cost of education :**

The Unit Cost of Education of the constituent units of the University is as follows :

<b>Sl. No.</b>	<b>Name of the Institution</b>	<b>Average Cost per Student (Rs. in lakhs)</b>
1.	J. N. Medical College, Belgaum	5.08
2.	V. K. Institute of Dental Sciences, Belgaum	4.23
3.	Institute of Physiotherapy, Belgaum	0.67
4.	Institute of Nursing Sciences, Belgaum	0.85
5.	College of Pharmacy, Belgaum	1.23
6.	College of Pharmacy, Hubli	1.03
7.	College of Pharmacy, Bangalore	1.08

**26. Computerization of administration and the process of admissions and examination results, issue of certificates :**

- The KLE University, keeping in view the UGC guidelines and norms of the respective Regulating Councils, has been conducting All India Entrance Test at 20 centres across the country for admission to various UG & PG programs in its constituent units.
- On-line submission of applications for the Entrance Test for both UG & PG courses.
- Biometric and photo identification of the candidates is being done during the conduct of examination and verification of the same during the counseling process.
- The candidates are being admitted based on the inter-se-merit.
- The University allots Registration Number to each and every candidate which is valid throughout his /her course.
- The processing of marks and result sheet and generating of marks card are totally computerized.
- The Statement of Marks and Convocation Certificates are printed with unique security features and are issued to the students at the end of the examinations and during the Annual Convocation of the University respectively.

### **27. Increase in the infrastructural facilities :**

The infrastructural facilities including construction of new building, renovation of existing structure, equipments etc. are being taken up in the constituent units of the University, based on the needs and requirements / norms of the respective Regulating Councils, as per budgetary requirements.

### **28. Technology Up gradation :**

- Total Wi-Fi campus.
- Equipments have been purchased for various Departments of the constituent units of the University to facilitate teaching of both UG & PG students.
- Integrated Computer Software specially designed for administration, academic management, patient care and inventory.
- 72 new computers have been installed in the Digital Library to facilitate e-learning.
- Students can access the recorded lectures which are available in the Departments.
- Sophisticated high-end Blade Server has been established which sub servers the function of web server, mail server and file server to cater to the needs of all staff and students.

### **29. Computer and internet access and training to teachers and students :**

The University has been offering necessary training periodically to all the staff (teaching & non-teaching), students about internet accessibility and computer operations by both the internal as well as experts / technical experts.

### **30. Financial aid to students :**

- Financial grants to Full-time Research Scholars enrolled for Ph.D Programs.
- Concession in payment of tuition fees for the children of KLE teaching faculty.
- Financial assistance for Student Support Awards.
- Financial assistance to Best / Prize winning presentations.
- Meritorious students are provided merit scholarship.

### **31. Activities and support from the Alumni Association :**

- Various Departments of the constituent units of the University have been conducting their respective Alumni Meet.

- Alumni Association has been duly registered and conduct the meetings.
- The Alumni of Dental faculty had planned to start Research Foundation.
- The Alumni members deliver Guest Lectures in their focused area of expertise.
- The Alumni members especially who have steeled overseas donate instruments / equipments to the Institutions.

### **32. Activities and support from the Parent-Teacher Association :**

- Parent-Teacher Association (which is duly registered) has been established.
- Meetings are conducted with the parents to get feedback for future improvements.
- Parents provide valuable suggestions / inputs for further improvement in the facilities.

### **33. Health Services :**

- K.L.E Dr. Prabhakar Kore Charitable Hospital, Belgaum has started 'Bal Sanjeevani' Scheme as per State government directives / sponsorship. It is a unique project sponsored by the Government of Karnataka to implement the same at Dr. Prabhakar Kore Hospital which has been identified as the Nodal Center, covering 6 districts (Dharwad, Belgaum, Gadag, Bellary, Bagalkot & Bijapur). In this scheme, the children belonging to Below-Poverty Line (BPL) category below 6 years of age are treated free of cost. They are provided advanced Tertiary Care as and when needed.
- Vaidyashree Health Plan for staff , their spouses, parents and children.
- Students Safety Insurance.
- The patients are being treated free of cost at KLE Dr. Prabhakar Kore Charitable Hospital (Teaching Hospital of JNMC) which has 990 beds.

### **34. Performance in sports activities :**

- The students are being encouraged to participate in sports activities.
- The constituent units of the University organize Annual Sports Meet.
- The Annual Sports Meet is organized regularly by KLE University.
- The University encourages the students to participate in the national level competitions held elsewhere in the country.
- Incentives to outstanding sportspersons.

The University has been granting cash incentives to the winners at various competitions / tournaments.

**35. Incentives to outstanding sports persons :**

The University has been granting cash incentives to the winners at various competitions / tournaments.

**36. Student achievements and awards :**

- The University has instituted cash prizes / awards for students achievements in various activities like academics, sports, cultural, literary activities etc.
- The University has instituted Gold Medal Awards for securing highest number of marks in the respective subjects of various courses.

**37. Activities of the Guidance and Counseling Unit :**

- The students are being guided by conducting special coaching classes to compete for Post-Graduate Entrance Tests.
- Invited Guest lectures are being conducted for counseling purpose.

**38. Placement services provided to students :**

- The constituent units have their own Placement and Guidance Cell at the respective Institutions. The students are being guided regarding placement opportunities in various reputed Companies.
- The Pharma Companies also visit the campus for recruitment of students in Pharma Industries.

**39. Development programmes for non-teaching staff :**

- The University has been nominating non-teaching staff to participate in various workshops / programs conducted by UGC and other reputed Institutions / Organizations.
- The University conducts orientation programs for the benefit of non-teaching staff on updation of knowledge and skill in computer operations.
- Workshops are being conducted on communication skills, behavioral skill, personality development, etc.

- Workshop on Hospital Waste Management protocols is being organized for the benefit of nurses and technical staff.

#### **40. Good / Innovative practices of the Institutions :**

- Free consultation, diagnosis and treatment for the patients at the Teaching Hospital.
- Conduct of CMEs by various Departments of the constituent units of the University.
- Conduct of regular health check up programs / camps.
- Strong and vibrant NSS unit with year round programmes / activities.
- Participation of students, faculty and non-teaching staff in various cultural, sports and literary events.
- Picnic for faculty and non-teaching staff.
- Medical Insurance: (Health Card facility), (PRO) for student, staff and non-teaching members at concessional treatment at KLES Dr. PK Hospital & Research, Belgaum.
- Best Teacher Award (Based on students assessment).
- Patient education and information pamphlets.
- Vehicle-free Eco-friendly, plastic free and smoking free campus.
- Calendar of Events for staff.
- Calendar of Academic Events for the students.
- Maintenance of Work Diary by staff members.
- Displaying Birthday greeting on the University Board.
- Award for best non-teaching employee / support staff.
- Institution of Annual Oration on the occasion of University Foundation Day.
- Organization of University Guest Lecture Series inviting eminent luminaries scientists.
- Institution of Awards for non-teaching employees and students.
- 'Annapurna' (free food) Scheme for Charitable Hospital.
- Gandhi Jayanthi Celebrations – International Non-violence Day – Rally
- Tele-medicine for better patient care.
- Public-Private Partnership (Adoption 3 Primary Health Centres and one Urban Health Centre)
- Satellite Hospitals / Clinics

- Official farewell function to all regular faculty and staff of the University.
- 'Happy Birthday' Greetings to all employees – A Board is displayed at the University Office.
- Important events / programs are displayed at the University entrance.
- Mobile Free academic Complex.
- Best Department award for every year.
- Group Insurance of students.
- World Health Day celebrations.
- Classes for spiritual values and interaction with Ramakrishna Mission.
- Anti-AIDS awareness program.
- Film Club.
- Students Feed back on Entrance Exam.
- Concession in payment of Tution Fees.
- Scholarships for women and weaker sections.
- Concession in payment of tution fee (50%) for admission to staff children.
- Availability of research grant to the tune of Rs. 4.00 crores for 2010-11.
- Feed-back information from teachers, students, parents and other external peers for academic programs, curriculum development, entrance examination, etc.
- Establishment of strong network for anti-ragging measures in the campus and clean record to maintain conducive academic environment.
- Upgradation of Indoor and Outdoor game facilities.
- Conduct of **TRINITY** (Inter-collegiate Sports, Cultural and Literary programs) for the benefit of various colleges of health sciences every year.
- Establishment of University Cell for Women, Grievance Redressal Committee and Placement Cell of the University.

**41. Linkages developed with National / International. Academic / Research bodies :**

The University has so far signed 14 Memorandum of Understanding (including MoUs signed during 2010-11) with various reputed Universities / Institutions / Industries / Organizations (both at national and international level) for academics / research, etc.

**42. Any other relevant information the institution wishes to add :**

- Planning to conduct workshop under the aegis of NAAC in the month of July / August 2011 and the topic shall be finalized in consultation with the NAAC.



- The University has established Department of Biostatistics.

**Section C : Outcomes achieved by the end of the year :**

- Five new academic programs viz. Diploma in Transfusion Medicine and post-Graduate Diploma in Nano-medicine, MD (Ayu) in various specialties, MPT courses in Sports Physiotherapy and Cardio-respiratory Physiotherapy started.
- The University conducted Seminars / Workshops / Lecture Series / field visits / symposia, invited lectures, extension & outreach activities, health check up / awareness programs, NSS activities, etc. round the year.
- The University has already been following regular curriculum of 450 hours of teaching for the benefit of the Ph.D Research Scholars, keeping in view the norms of the UGC.
- Department of Bio-statistics at KLE University has been established and the Department is headed by a full-time Professor of Statistics Prof. N. K. Thyagi, Ph.D.
- The faculty members and the research scholars are being encouraged for research activities / publications by granting them cash incentives for the same.
- As approved by NAAC, the University intends to conduct Seminar in the month of July / August 2011.
- The health care facilities in the Primary Health Centres adopted by the University have been further strengthened. The University has conducted health awareness programs / camps / dental check-up camps for the benefit of the public in general and rural population in particular including school children. The University has purchased State-of-Art Mobile Dental Clinic (Bus) for conducting dental health check up programs / camps particularly for the rural population. A MoU with the Government of Karnataka has been signed for implementation of 'Balsanjeevini' Scheme for the benefit of the children between the age group of 0-6 years.

**Section D : Details the plans of the institution for the next year :**

- Construction of State-of –art Convention Centre.
- Further strengthening the research activities / publications.
- Establishment of UGC approved Academic Staff College for Health Professionals.
- Installation of University server (Blade Server) for providing unique e-mail IDs to every student and staff and the same unique e-mail ID will be used for authentication to access the university File Server.

(Dr. P. V. PATIL)

(Dr. C. K. KOKATE)

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**Name & Signature of the Coordinator, IQAC**

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**Name & Signature of the Chairperson, IQAC**

**KLE University Research Foundation****JNMC Women's and Children's Health Research Unit****List of Publications by Research Unit with Impact Factor (Medical Faculty)**

<b>Sl. No.</b>	<b>Publications</b>	<b>Impact Factor</b>
1	Patricia J. Kelly, Shivaprasad S. Goudar, Hrishikesh Chakraborty, Janet Moore, Richard Derman, Bhala Kodkany, Mrutyunjaya Bellad, Vijaya A. Naik, Mubashi Angolkar, Michele Bloch, Pregnant women and children's exposure to tobacco and solid fuel smoke in southwestern India- Informa Health Care. The Journal of Maternal-Fetal and Neonatal Medicine, 2010 Dec. 15. (Epub ahead of print)	<b>1,362</b>
2	Pasha O, Goldenberg RL, McClure EM, Saleem S, Goudar S. S, Althabe F, Patel A, Esamai F, Garces A, Chomba E, Mazariegos M, Kodkany B, Belizan JM, Derman RJ, Hibberd PL, Carlo WA, Liechty E, Hambridge KM, Buekens P, Howard-Grabman L, Stalls S, Koso-Thomas M, Jobe AH, Wright LL. Communities, Birth Attendants and Health Facilities : A Continuum of emergency Maternal and Newborn Care (The Global Network's EmONC Trial). BMC PregnancyChildbirth. 2010 Dec 14:10 (1) : 82 (Epub ahead of print)	<b>1.56</b>
3	Carlo WA, Goudar SS, Jehan I, Chomba E, Tshefu A, Garces A, Parida S, Althabe F, McClure EM, Derman RJ, Goldenberg RL, Bose C, Hambidge M, Panigrahi P, Buekens P, Chakraborty H, Hartwell TD, Moore J, Wright LL: for the First Breath study Group. High Mortality Rates for very Low Birth weight Infants in Developing Countries Despite Training. Pediatrics. 2010 Oct 11. (Epub ahead of print)	<b>2.11</b>
4	Jan L Wallander, Elizabeth McClure, Fred Biasini, Shivaprasad S. Goudar, Omrana Pasha, Elwyn chomba, Darlene Shearer, Linda Wright, Vanessa Thorsten, Hrishikesh Chakraborty, Sangappa M Dhaded, Niranjana S Mahantshetti, Roopa M. Bellad, Zahid Abbasi, Waldemar Carlo for the BRAIN-HIT Investigators: Brain Research to Ameliorate Impaired Neurodevelopment – Home-based Intervention Trial (BRAIN -HIT) – BMC Pediatrics, 2010, 10:27	<b>2.11</b>
5	Waldemar A. Carlo, Shivaprasad S. Goudar, Imtiaz Jehan, Elwyn Chomba, Antoinette Tshefu, Ana Garces, Sailajanandan Parida, Fernando Althabe, Elizabeth M. McClure, Richard J. Derman, Robert L. Goldenberg, Carl Bose, Nancy F. Krebs, Pinaki Panigrahi, Pierre Buekens, Hrishikesh Chakraborty, Tyler d. Hartwell, Linda L. Wright, and First Breath Study Group. Newborn-Care Training and Perinatal Mortality in Developing Countries – The New England Journal of Medicine 2010;362;614-23	<b>47.050</b>

## KLE VK Institute of Dental Sciences, Belgaum

### Impact Factor :

#### Prosthodontics

Sl. No.	Author	Title of the Paper	Name of the Journal	Details of the Publication			Index & impact factor
				Vol.	Issue	Month	
1	Dr. Santosh Nelogi	Prosthetic rehabilitation of phthisis bulbi by digital imaging technique – A case report	The Journal of the British contact lens association <b>(International)</b>	Vol. 33	Issue 5	October 2010	ISSN 1476-5411  2.10
2	Dr. Santosh Nelogi	Modified mandibular advancement appliance for an edentulous obstructive sleep apnea patient : A clinical report	Journal of Prosthodontic Research	Accepted			ISSN 1883-1958  1.227
3	Dr. Santosh Nelogi	Neutral zone approach for Rehabilitation of Severely Atrophic Ridge	<b>International</b> Journal of Dental Clinics	Vol. 2	Issue 3	September 2010	ISSN 0975-8437
4	Mahantesh Bembalgi	Small Denture – a Case Report	<b>JIDA National</b>	4	9	September 2010	ISSN 0019-4611

## Oral Pathology and Microbiology

Title of the Publication	Author	Co-Author	Name of the Journal	Year / Vol No	Index & impact factor
<b>International</b>					
An exophytic mandibular brown tumor : an unusual presentation of primary hyperparathyroidism	Dr. Punya Angadi		Oral and Maxillofacial Surgery	2010, 14:67-69	1.580
Management of Oral submucous Fibrosis - An overview	Dr. Punya Angadi	Dr. Sanjay Rao	Oral and Maxillofacial Surgery	Volume 14, Issu 3 (2010), Page 133-42	1.580
Ameloblastoma-An invited review	Dr. Punya Angadi		Atlas of Genetics and Cytogenetics in Oncology and Hematology	March 2010	0.052
Areca nut in the pathogenesis in oral submucous fibrosis Revisited	Dr. Punya Angadi	Dr. Sanjay Rao	Oral and Maxillofacial Surgery	March 2010	1.580
Verrucous carcinoma of the oral cavity : a clinic-pathologic appraisal of 133 cses	Dr. Punya angadi		Oral and Maxillofacial Surgery	March 2010	1.580
Oral submucous fibrosis- clinicopathologic review of 205 cases	Dr. Punya angadi		Oral and Maxillofacial Surgery	March 2010	1.580
Trichilemmal carcinoma associated with xeroderma pigmentosa – report of a rare case	Dr. Deepa Mane	Dr. Alka Kale, Dr. Seema H, Dr. Vijayalaxmi, Dr. Punya A.	Journal of Oral Science	May 2010 52 : 505-508	-
Drug Treatment for Oral Submucous Fibrosis Commentary	Dr. Punya Angadi		Evidence Based Dentistry	2010 :11 (2):56	3.697
Disseminated Lichen Planus in a Child – A case report	Dr. Punya Angadi		Eastern Journal of Medicine	July 2010	ISSN No=

					1301-0883
Hybrid desmoplastic ameloblastoma : an unusual cse with immunohistochemical investigation with TGF-B	Dr. Punya Angadi	Dr. Alka Kale, Dr. Seema H, Dr. Vijayalaxmi, Dr. Punya A. Dr. Pooja Bhat	Eastern Journal of Medicine	July 2010	ISSN No= 1301-0883
Validity of the mandibular canine index (MCI) in sex prediction : reassessment in an Indian sample	Dr. Punya Angadi		Forensic science International	August 2010	2.589
Age estimation by Pulp / tooth area ratio in canines : Cameriere's method assessed in an Indian sample using radiovisiography	Dr. Jeevan M. B.	Dr. alka Kale, Dr. Punya Angadi, Dr. Seema H.	Forensic Science International August , 2010	August 1020	2.589
A clinical radiographic and histologic review of 73 cases of ameloblastoma in Indian population	Dr. Punya Angadi		Quintessence international	2010:41:92-100	0.728
Anthropometric and anthroposopic analysis of different shapes of faces in Indian Population – A pilot study	Dr. Deepa Mane	Dr. Alka D. Kale, Dr. SeemaH.	Journal of Forensic and legal RH	2010	1.320
Cytomorphometric analysis and assessment of PAS positivity of exfoliated cell from apparently normal buccal mucoa of type 2 diabetic patients	Dr. Seema H.	Dr. Alka D. Kale Dr. P. R. Malur	Acta Cytologica	2010	0.726
Merkel cell carcinoma of the alveolar mucosa in a young adult : a		Dr. Punya V. Angadi	Br. Journal oral Maxillo facial surgery	2010:48:48-50	1.327

rare case report					
Oral hyaline ring granuloma	Dr. Veena Naik				
An epidemiological study for evaluation of oral precancerous lesions, conditions and oral cancer among Belgaum population with tobacco habits		Dr. Alka Kale	JAMA Viosci. Biotech. Res. Comm.	2010; 3(1) : 65-70	1.031
<b>National</b>					
Histopathologic Changes in Soft Tissue Associated with Radiographically Normal Impacted Third Molars.	Dr. Vijayalaxmi K.	Dr. Alka Kale, Dr. Mamatha H, Dr. Seema H, Dr. Bhalaerao	IJDR	2010; 21:385-390	0.665
Informed consent optimism versus reality – A survey among General dental practitioner of Belgaum city	Dr. Vijayalaxmi K	Dr. Alka D. Kale, Dr. Mamatha H, Dr. Seema R.H.	Indian journal Medical ethics	2010 ; 17:90-95	0.630
Lymphangioma of palate – A case report	Dr. Vijayalaxmi K	Dr. Alka D. Kale	Dentistry India	June 2010; 4:1-4	
<b>Local</b>					
Oral Basaloid Squamous cell carcinoma : Report of five cases with emphasis on differential diagnosis. KLE Health Sc Journal 2010 ; 3(1) ; 49-52	Dr. Deepa mane	Dr. Alka D. Kale, Dr. Seema R. H. Dr. Vijayalaxmi S. K.	KLE Health Sc. Journal	2010; 3(1) ; 49-52	ISSN No. 0974- 5912
Folic acid levels in oral sub mucous fibrosis and its implications in the etiopathogenesis	Dr. Seema R H.	Dr. Alka D. Kale	KLE Health Sc. Journal	2010: 3(1): 34-38	ISSN No. 0974- 5912

## Department of Orthodontics

Sl. No.	Title	Name of the Persons/ Dept.	Name of Journal	Indexed Peer Reviewed	International / National/ State	Year / Page No.	Index & Impact Factor
1	Rectangular wire as Substitutes for the MAA and Torquing Auxiliary in the Begg Treatment – A clinical Study	Tejashri Pradhan	Journal of Indian Orthodontic s Society	Indexed	National	Vol.N o. 42 2010 april to June 2010	
2	A simple Technique for Bonding Lingual Retainer	Sujala G. D.	Journal of Clinical Orthodontic s	Indexed	International	July 2010	ISSN. 0022- 3875
3	The ideal smile and its orthodontic implications	Sujata G.D. Nagaraj K.	World Journal of Orthodontic s	Indexed	International	Oct. 2010	ISSN. . 1530- 5678
4	Clinical Tips for Fixed Function Appliance	Rohan Hattarki	Orthodontic CYBER Journal	Indexed	International	Oct.20 10	NA 1925- 2676
5	A Modified Bracket Positioning Gaude	Rohan Hattarki, K.M. Keluskar	Orthodontic CYBER Journal	Indexed	International	Decem ber 2010	NA 1925- 2676

Sl. No.	Title	Name of the Persons/ Dept.	Name of Journal	Indexed Peer Reviewed	International/ National/ State	Year / Page No.	Index & Impact Factor
1	A Device for Placement of Open-Coil Springs	Rohan S. Hattarki	Journal of clinical Orthodontics	Indexed	International	January 2011 Vol. 45 Page No. 30	NA 0022- 3875



## **KLE Institute of Physiotherapy, Belgaum**

**Citation index of faculty members & Impact factor :**

**Indexed with Index Copernicus International, Poland**

**Impact factor of Indian Journal of Physiotherapy and Occupational Therapy : 4.18**

**Impact factor of Indian Journal of Critical Care Medicine : 5.57**

**Impact factor of Journal of Dental Research : 6.07**

- Vishal Bagewadi, Ganesh B. R, Santosh Metgud, Effectiveness of Plantar Fasciitis Taping & Calcanea Taping In Plantar Heel Pain – RCT. IJOPT, July-Sept. 2010, Vol. 4, No.3
- Basavraj motimath, Ganesh B. R, site Specificity of sports Injuries seen During the Interscholl Competitions Held at Belgaum – an Observational Study, IJOPT, Jan-March. 2010, Vol.4, No.1
- Rinkle Hotwani, Ganesh B.R, Santosh Metgud, comparison of McConnell Patellar Taping Versus Mobilisation with Movement In Chronic Knee Osteoarthritis – A Randomized Clinical Trial, IJOPT, Oct-Dec 2010, Vol 4, No.4
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- Sanjiv Kumar, a Prospective Randomized controlled Trail of Neural Mobilization 7 McKenzie manipulation in Cervical Radiculopathy. IJPOT, July-Sept.2010, Vol 4, No.3.
- Renu P. Gaude G. S. Effectiveness of Multimodality Chest Physiotherapy In Prevention of Ventilator Associated Pneumonia. Indian Journal of Critical Care medicine, April-June 2010, Vol 14, Issue 1.
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- Ata-ur Rehman, Basavraj chandu, Vijay Kage, Comparison of MFR & PRT in plantar fasciitis – A RCT. IJOPT, Oct-March 2010, Vol.4, No.1
- Ranjeet Sharma, Ganesh B.R, Vijay Kage, Strengthening procedures for posterior shoulder tightness, IJOPT, Jan-March 2010, Vol 4, No.1

- Bharat Rajpurohit, Subhash Khatri, Deepa Metgud, Anjana Bagewadi, Comparative effectiveness of TENS & MENS in patients with Bruxism. Journal of Dental Research (18), 21, 2010.
- Varuna Gawas, Snehal Dharmayat, Peeyoosha Nitsure, Hamstring Index in School children – A Cross-Sectional Study in Belgaum City. IJOPT, April-June 2011, Vol 5, No.2
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- Alok Kumar, Ganesh B. R. Combined effectiveness of Maitland Mobilization & Patellar Taping in Patellofemoral Osteoarthritis- RCT.. IJPOT, Vol 5, issue1, 2011
- Subhash Khatri, Pallavi N, Shreya Uppin, Physiotherapist's emotional quotient & patient satisfaction, IJPOT, Vol 4, Issue 4, 2010
- Subhash Khatri, Ravi Jatti, Peeyoosha N. Effectiveness of coccygeal manipulation in coccydynie – A RCT. IJPOT, Vol 4, issue 4, 2010.

### **KLE College of Pharmacy, Belgaum**

**Impact Factor : 6.914**

1. Pradeepkumar M. Ronad, Malleshappa N. Noolvi, Sheetal Sapkal, Satyanarayana Dharbhamulla and veeresh S. maddi. Synthesis and antimicrobial activity of 7-(2-substituted phenylthiazoldiny) – benzopyran-2-one derivatives. European Journal of Medicinal Chemistry 45 (1): 2010 : 85-89 [**Cited in Scopus (2)**].