B L D E UNIVERSITY
VIJAYAPUR

SELF STUDY REPORT
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B L D E UNIVERSITY

BLDE UNIVERSITY

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BL DEEMED TO BE UNIVERSITY

Abbreviation

AAA	Academic And Administrative Audit
AC	Air Conditioning
ADP	Area Development Project
ADR	Adverse Drug Reaction
AERB	Atomic Energy Regulatory Board
AFP	Acute Flaccid Paralysis
AIIMS	All India Institute Of Medical Sciences
ART	Anti Retroviral Treatment
ATT	Anti Tubercular Treatment
BLDE	Bijapur Liberal Development Education
BOS	Board Of Studies
BS	Bala Sanjeevini
BSNL	Bharat Sanchar Nigam Limited
CBCS	Choice Based Credit System
CCU	Critical Care Unit
CET	Common Entrance Test
CFL	Compact Fluorescent Lamp
CME	Continuing Medical Education
CME	Continue Medical Education
COPE	Committee On Publication Ethics
CPCSEA	Committee For The Purpose Of Control And Supervision On Experilment On Animals.
CPR	Cardiopulmonary Resuscitation
CSSD	Central Sterilization And Supply Department
CT	Computed Tomography
CTEV	Congental Talipus Equinovarus
CTRI	Clinical Trials Research Of India
DBCS	District Blindness Control Society
DDRC	District Disability And Rehabilitation Centre
DOTS	Direct Observed Treatment, Short-course
DRDO	Defence Research And Development Organization
DST	Department Of Science & Technology

DVD	Diploma In Venereal Diseases
ECG	Electrocardiogram
ECHS	Ex-servicemen Contributory Health Scheme
ENT	Ear, Nose & Throat
ENT	Ear Nose Throat
ESIC	Employee's State Insurance Corporation
ETP	Effluent Treatment Plant
FESS	Functional Endoscopic Sinus Surgery
GNM	General Nursing & Midwifery
HICC	Hospital Infection Control Committee
ICCU	Intensive Coronary Care Unit
ICMR	Indian Council Of Medical Research
ICT	Informationj And Communilcation Technology
ICTC	Integrated Counselling And Testing Centre
ICU	Intensive Care Unit
IDCF	Intensified Diarrhea Control Fortnight
INCLEN	International Clinical Evaluation Network
IPD	In Patient Department
IQAC	Institutional Quality Assurance Cell
ISR	Institutional Social Responsibility
KCP	Kanal Channanagouda Patil
KIDROP	Karnataka Internet Assisted Diagnosis Of Retinopathy Of Prematurity
KPTCL	Karnataka Power Transmission Corporation Limited
KSAPS	Karnataka State Aids Prevention Society
KSRTC	Karnataka State Road Transport Corporation
LAN	Local Area Network
LCD	Liquid Crystal Display
LED	Light-emitting Diode
M CH	*Master-of-chirurgiae*
MBBS	Bachelor Of Medicine, Bachelor Of Surgery
MCI	Medical Council Of India
MCQ	Multiple Choice Question

MD	Doctor Of Medicine
MOA	Memorandum Of Association/agreement
MOHFW	Ministry Of Health & Family Welfare
MOU	Memorandum Of Understanding
MRI	Magnetic Resonance Imaging
MS	Master Of Surgery
NAB	National Accrediltation Board For Hospitals
NABL	National Accreditation Board For Testing And Calibration Laboratories
NACO	National Aids Control Organization
NCC	National Credit Core
NICD	National Institute For Communicable Disease
NICU	Neonatal Intensive Care Unit
NIMHANS	National Institute Of Mental Health And Neurosciences
NRI	Non Resident Indian
NSS	National Social Service
NSSK	Navajaata Shishu Suraksha Karyakrama
NTPC	National Thermal Power Corporation
OBG	Obstetrics And Gynaecology
OCD	Obsessive Compulsive Disorder
OPAC	Online Public Access Catalog
OPD	Out Patient Department
OSCE	Objective Structured Clinical Examination
OSPE	Objective Structured Practical Examination
OT	Operation Theatre
PACS	Picture Larchiving And Communmilcation System
PG	Post Graduate
PHD	Doctor Of Philosophy
PHC.	Primary Health Centre
PICU	Paediatric Lintensive Care Unit
PPH	Post Partum Hemorrhage
PPTCT	Prevention Of Parent To Child Transmission
R&D	Research And Development

R&D ORANANIZATION	Research And Development Orananization
RDF	Research Development Fund
RHTC	Rural Health Training Centre
RNTCP	Revised National Tuberculosis Control Programme
RRC	Research Recognition Committee
RSBY	Rashtriya Swasthya Bima Yojana
SBMPMCH&RC	Shri B M Patil Medical College Hospital & Research Centre
SICU	Surgical Intensive Care Lunit
STD	Sexually Transmited Disease.
STP	Sewage Treatment Plant
STS	Short Term Studentship
TBS	Thai Bhagya Scheme
TERI	The Energy And Resources Institute
UG	Under Graduate
UGC	University Grants Commission
UIP	Universal Immunization Program
VAS	Vajpayee Arogyasri Scheme
VGST	Vision Group Of Science & Technology
WHO	World Health Organization
YRC	Youth Rehabilitation Centre

BLDE UNIVERSITY

PREFACE

BLDE Association, The Sponsoring Society founded in 1910 by philanthropists with more than 100 years of meaningful existence in the field of education, is managing more than 75 educational institutions covering primary to Higher Education in the backward region of North Karnataka. The Management of the Sponsoring Society does not belong to any individual or family.

The Sponsoring Society, established, the constituent college of the University, Shri B. M. Patil Medical College, Hospital & Research Centre in the year 1986 with well- equipped 1000 bed Teaching Hospital with permanent recognition of Medical Council of India in 1992. The Society, in 2007, submitted proposal to MHRD for conferment of Deemed University Status to Medical College. UGC assessed the proposal. The Committee unanimously recommended that Deemed to be University status be conferred to Shri B. M. Patil Medical College, Hospital & Research Centre. University was established in March 2008 u/s 3 of UGC Act, 1956. While recommending Deemed University status, Committee observed that Shri B.M. Patil College is one of the premier institutes. Recommendations of the Committee were:

- The Medical College is established in a rural backward area. The Hospital caters to the needs of the poor people of the backward district declared by the government of India and UGC.
- Infrastructural facilities even more than required.
- All the laboratories are equipped with most modern and up-to-date instruments/ equipments and accessories.
- Financially sound.
- Interaction with staff, students and faculty members to the satisfaction of Committee experts

Again, UGC sent another Expert Committee in September 2009, as per MHRD direction which reviewed functioning of the University and submitted its report supporting establishment of the University. Some of the important observations of the Committee were:

- The infrastructure is adequate as per MCI norms.

- The Central Library has excellent infrastructure and departmental libraries have adequate books.
- Regular Workshops/ Seminars/CMEs are being conducted by different departments.

Important suggestions were:

- Faculty be encouraged to take-up research projects.
- Need to focus on establishing more super speciality departments.
- Stipend Policy needs to be matched with State Government norms.

(it may be noted that all suggestions have been compiled with.)

BLDE University is a single faculty university (Medical Science). Our Vision and Mission are in consonance with the universal /global idea of an university. We are seeking:

- Excellence in all our endeavours.
- Committed to provide globally competitive quality medical education.
- Provide the best health care facilities in the backward region, in particular, to socially disadvantaged sections of the society.
- Constantly striving to become a reputed research university with world-class infrastructure, latest tech-tools for teaching / research and adopting global best practices.

The Deemed University status has enabled us to perform better with regard to all of our activities , be it teaching-learning, research or collaborative programmes (both academic and community health care). It has been a stimulus for innovation in most of our activities. Newer laboratories such as Central Research Laboratory Advanced Skills Lab, Genetics Lab, have been established. Research activities, Training Programmes and Out-reach activities have gained momentum. Establishing the state-of-art Speciality Hospital to enrich the teaching-learning and research programmes is in progress. In brief, since 2008 University has seen alround growth.

To strengthen Multidisciplinary Research and enhance the relevance of the University to the society, we intend to bring our Nursing, Pharmacy and Ayurveda Colleges in the ambit of the University.

The Self-Study Report reflects our efforts, aspirations and inspires us to move towards realizing our vision.

Executive Summary

The Sponsoring Society

Bijapur Liberal District Educational Association (BLDEA)

BLDE Association was established in 1910. It is committed to the cause of imparting quality education from primary to university, in the backward region of North Karnataka. The Association is nurtured and shaped by great visionaries– Dr. P. G. Halakatti known as ' Vachana Pitamah' in Kannada Literature, Shri Shri Sanganabasaveshwar Maha Shivayogigalu of Banthanal, a great religious leader and Dr. B. M. Patil, a great statesman. Presently, the Association is guided by Dr. M. B. Patil, a young and dynamic leader.

BLDE University

BLDE University came into existence on 29/2/2008 with the sole objective of providing quality medical education and meeting health care needs of the people in the backward region. It is a single faculty university.

Shri B. M. Patil Medical College, Hospital & Research Centre is the only constituent college of the university established in 1986. It has unitary campus of 45 acres with 24 departments and a teaching hospital with 1125 beds.

The Institute has been offering: UG Programme-MBBS (with an intake of 150 students) PG Programmes in 18 disciplines and Super Specialty Programme in Urology (M.Ch.) Ph.D. Programme in 12 disciplines and innovative courses like Fellowship, Diploma and Certificate Courses in medical and allied sciences.

Research has received major thrust after being conferred with the Deemed to be University status. This has resulted in enhanced MoUs and Collaborations with reputed Universities and research institutes. Good number of research projects addressing social health care problems have been taken up and are yielding information which will be of direct benefit to the people of the region.

With the generous support from the Sponsoring Society, University has undertaken the expansion of infrastructural facilities. A third floor has been added, last year, to the existing Hospital Building at a cost of Rs. 18.5 crores. The newer facilities are created and state of the art equipments are procured at the cost of Rs. 6 crores. This development has helped to cope up with the growing needs of critical care and emergency services. To name a few: 300 beads 5 modular operation theatres, ICCU, CCU, NICU, Burns Ward, Specialty Wards and Special Rooms. Also, Departmental

Buildings of Biochemistry, Anatomy and Microbiology have been expanded to accommodate the upgraded facilities at the cost of Rs, 2 crores.

University has been concentrating on enhancing ICT facilities, strengthening and upgrading training (Skills Lab.) and research facilities (Central Research Lab and other Labs).

To the existing sports facilities, this year, we are adding Swimming Pool and Indoor Sports facilities.

BLDE University has deep concern for health care facilities provided to socially disadvantaged sections of the society both in rural and urban areas. It is worth mentioning that University has established a very well equipped Rural Health Centre in the nearby village, Ukkali.

University has a committed Alumni Association. Other important support systems include Press, Construction Cell and Estate Office for maintenance of the campus facilities. In brief, University is on the path of steady growth to realize its vision and achieve the goals and objective which the founding fathers of BLDE Association and BLDE University had envisioned. So far three convocations have been held successfully to award degrees to a total four sixty nine graduates.

CRITERION I: CURRICULAR ASPECTS

The university has single discipline with Graduate, Postgraduate and Fellowship and other courses in health sciences. These are being regulated by the statutory bodies like Medical Council of India (MCI), University Grants Commission (UGC) etc., Curricula are clearly stated by these governing bodies with some scope for changes and additions. Using these, University has incorporated Innovations and Best Practices with a strong emphasis on skills training and quick adoption of changing global trends in its Undergraduate and Postgraduate Programs.

The curricula of the various UG/PG programs are developed, reviewed and updated by the various Boards of each department. The recommendations and guidelines of MCI/UGC are incorporated regularly. Giving due importance to the local and regional needs, curriculum is developed after in-depth discussions with Experts, Peers and inputs from departmental Mentors. The curriculum aims at providing value based education, overall personality development, broaden the knowledge base and enhance the skills.

In tandem with changing global trends in Health Science Education and to meet the emerging challenges, University has been offering new courses at Postgraduate-Broad, Specialty and Superspeciality levels in addition to various Post-PG Fellowships and Certificate Courses. The curricula are revised every 3 years .

CRITERION II: TEACHING - LEARNING AND EVALUATION (TLE)

The core of education is 'Learning'. A teacher facilitates learning by giving proper and timely inputs in an inspiring academic atmosphere. The university has considered TLE as its corner stone in academic process. The university has thus adopted learner centric experience based practical approaches along with continuous evaluation. The salient features of university's achievements in TLE include:

Admissions - accountability, transparency and responding to diverse needs in TLE process

The University strictly adheres to the policies laid down by Statutory Bodies (UGC, MCI, Govt. of India and Supreme Court). It follows transparent admission process, ensuring awareness and equal opportunity to all sections of the society. Admission process is publicized widely through print and electronic media, besides University Prospectus and University website. All admissions are merit based on qualifying All India Entrance Examination conducted by the University. After the entrance examinations, results are uploaded on the University Website. 10% of undergraduate admissions are free to outstanding achievers of the local region.

Teaching-learning strategies include unitized teaching plan, practicals, fieldwork, project work, student seminars, group discussions, case studies, clinics, field visits along with didactic teaching.

The hospital based training is integral part in medical education which includes clinical examinations, ward rounds, exposure to various procedures in emergency, OPD, IPD and operation theatres. Teaching-Learning process is completely ICT enabled (Computers, Internet, LCD, OHP, Models etc.). Strategies for slow and advance learners have been implemented. The learner centric approach ensured through student seminars, assignments, project work, field visit, in-house training in the skills lab etc. Teachers also function as academic counselors and mentors. Continuous internal assessment is shared with students to ensure proper understanding of the subject and clarification of doubts. Students are made aware of curriculum, syllabi, method of evaluation through orientation programme in the beginning of the year. Students and teachers encouraged to use extensively library resources, computers and e-material in the TL process.

Teachers' Quality

The University ensures the availability of qualified staff. Continuous efforts are on for improving the teacher's quality through upgradation of knowledge and skills. Effective student : teacher ratio of 1.7: 1(UG) and effective balance between the senior and junior teachers has been maintained. Along with departmental laboratories teachers have access to Central Library, besides Journals (Print), E-Journals, Wi-Fi and internet facility. Teachers are encouraged to be on State, National and International professional bodies.

The faculty members are encouraged to take up research projects, publish research articles, present papers at State, National and International conferences. The University financially supports the faculties in all these endeavours like seed money, incentives, Best Paper Awards, Best Researcher Awards etc. The teaching faculty actively participates in orientation/refresher courses, training programmes/ workshops at National and International levels.

The University regularly organizes Seminars, Workshops, Symposia, CME's, Teaching & Learning Programmes, Research Development Programmes, Invited Guest Lecturers, Faculty Development Programmes etc. Many faculty members have distinction of being invited as Resource Persons at vsuch programmes orgainised at State, National and International level.

Teacher performance is periodically reviewed. The evaluation of Teachers by Students and its analysis has been systematically institutionalized

Evaluation Process

The Examination and Evaluation processes are totally transparent and efficient. To ensure the total confidentiality, one of the examinees in the examination hall picks up one question paper out of three sealed envelopes, which is photocopied and distributed.

Answer scripts are randomly coded. For UG, there is double valuation with a scope for third valuation and for PG, there is quadruple valuation with scope for fifth valuation. The grievance redressal is in place. The results are declared promptly as per academic schedule.

Best Practices

The university ensures implementation of TLE process that is student centric ICT Intigrated and supportive. The university maintains transparency in admission processes and counseling. The calendar of Academic events strictly adhered to. There is emphasis on special coaching for slow and advanced learners.

Challenges

Further development of teaching learning resources and enabling faculty to use ICT based teaching modules.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

Research is a creative activity undertaken on a systematic basis for exchange and advancement of knowledge. Research is one of the most important criteria for assessment of standard of an academic Institution. The BLDE University encourages research activity in all the fields of bio medical research related to human health. The support and encouragement to persue research in university is not only limited

to faculty members but also extended to undergraduates, postgraduates and research scholars. University has made a policy of supporting and providing research grants to all the appropriate projects & practically has supported most of them. The thrust areas of bio medical research in this region are environmental health, adoloscent health and water contamination due to heavy metals like fluoride, cardiovascular diseases and diabetes. Multicenter trials regarding women health and safe delivery etc are strongly supported. University also encourages medical research on ageing and understanding gene transcription in oxygen sensing mechanism in both human and animal models. Further, to improve the quality of research work BLDE University has made efforts to go for various collaborative research with National /International institutes, like Emory University, USA, University of Manitoba, Canada, University of Leeds, UK and regional Universities like Karnataka University, Women's University and Narayan Hrudayalaya, Bengaluru.

Value of research depends on both publications and citation as the part of acknowledgement of the work by scientific community. The number of publications with high citation influences the h index of any researcher. Even, University h index is considered as ultimate yardstick of excellence. In this regard, University has taken serious note of research credibility of its faculty members based on his/her h index.

Research publications:

Faculty members have contributed total 621 publications in International and National Journals during last five-years. The total Citation Index is 3776, Total Impact factor is 99.224 with total h index of 199 for University. University encourages quality research publications by faculty and students. In this regard, University instructs all the faculty and students to publish their research articles only in Scopus, Pub Med or Thomson- Reuter indexed journals. The faculty are been contributing as authors and editors and have published text books and contributed chapters in text books.

Research Promotion:

BLDE University has constituted various Committees like Research Grant Committee, Research Review Committee, Research & Recognition Committee etc., to facilitate and administer research related activities. All the committees have experts in the related fields. The Ph.D. Committee regulates entire Ph.D. programme from registration, selection of guides and co-guides to submission of thesis by candidate.

University has Dean, Research & Development (R&D) & Deputy Dean Research & Development to look after all research activities including intramural research fund allocation. University also has constituted Board of Postgraduate Research & Education, which consists of two external expert researchers. The Board recommends eligibility of supervisors for PG & Ph.D programs. University has registered Institutional Ethics Committee constituted as per ICMR guidelines and Institutional

Animal Ethics Committee as per CPCSEA guidelines which monitor ethical matters related to human and animal research. The institute has a well established Scientific Academic Research Society (SARS) since 1992. It meets regularly and acts as a platform to present their research material. The SARS also publishes scientific journal titled "Analytica Medica" since 1992.

Facilities for Research:

University has well equipped Central Research Laboratory with latest diagnostic instruments to train scholars and postgraduates in research. BLDE University Ph.D Regulations have been amended by the Ph.D Committee in 2015 and implemented from this academic year. The total Ph.D. scholars are 63 and 222 postgraduates are working in different departments of University. University encourages all the departments to organise Conferences, CMEs, Workshops, Seminars and any such activity which contributes towards strengthening of research. University organizes regularly orientation programmers for Postgraduates & Research scholars to orient them towards their research methodology and literature search. University has instituted Best Researcher Award for the faculty for his/her outstanding research contribution. Genetic laboratory and Vascular Laboratory are being established and faculty members are trained to carryout research related to specific genetic problems prevelent in this area.

Research Collaborations :

To promote multidisciplinary and interdisciplinary research, University has collaborated with various International (USA, Canada) and National Universities of repute and internationally recognized agencies like Gyunity Foundation etc.

During last 5 years University has supported 89 research projects. It has received funding from external agencies like DRDO, ICMR, VGST in the form of research grants amounting to nearly of Rs.40,20,387 from 2012 to 2015.

University has allocated 5% of total budget towards promotion of research activities including research grants, seed money and incentives for publication in indexed journals and conference presentations. University promotes undergraduate research which is beyond their curricular requirement. This inspires and enthuses them towards research. There are 36 STS-ICMR and 17 University funded projects carried out by undergraduates during last 5 years.

Consultancy :

Many of the faculty members are involved in honorary consultancy as resource persons to national programmes like STDs, Leprosy Training for Govt. Medical

officers and primary school teachers.

- Department of Microbiology conducts regular workshops to train Medical officers, Lab technicians of VCTC & blood bank, staff nurses on HIV testing.
- Department of Community Medicine conducts health education and health check up camps in primary, secondary & tertiary health centers.
- Various clinical departments conduct free health check up camps in urban slums and rural areas. The teaching hospital is recognized by as many as 15 Govt. schemes and agencies for providing health care at secondary and tertiary levels.

Extension Activities :

Different departments of hospital & college of the University are involved in extension programmes for empowerment of underprivileged in society.

The extension activities are undertaken in addition to routine general health check up camps. So far, 298 eye camps, 84 blood donation camps and 228 free general health check up camps were conducted. It is equally important that all these camps are followed by free admissions, investigations and surgeries.

The institute has spent Rs.13,13,630/- towards following extension activities:

- Maternal and child health service
- Immunization and neonatal care service
- Blindness prevention programme
- Awareness of eye donation in community
- Survey of children to detect deafness
- Awareness about body donation in population
- Creating awareness about waterborne diseases, sanitation and healthy nutrition in population.

  The hospital is also recognized for Government Health care Insurance schemes like Yashaswini, Balasanjeevini, Arogya Bhagya, Vajapayee Arogyashree. Linkage with Government of Karnataka for various health schemes has increased extension activities of the University. Linkages provided University to organize health awareness programmes, various workshops, conferences and extension activities like health camps.
- University has organized medical relief camps during natural calamities. Free health camps were conducted and free medicines were distributed for flood hit population of Vijayapur district in 2009.
- The NSS Unit of the University participates, assists and conducts health camps and awareness programmes regularly.

- The University supports Teaching and Learning of BLDEA's College of Nursing, BLDEA's Pharmacy College and PG Diploma in Hospital Management (MBA Programme.) of BLDEA's A S Patil College of Commerce(autonomous)
- The University also supports BLDEA's AVS Ayurveda Mahavidyalaya.
- The University in Collaboration with Akashvani (All India Radio) is airing the programme "Meet The Doctor". It is an interactive programme where in a layman interacts with the doctors of BLDE University on various health issues.

Best Practices:

- Collaboration with National & International bodies
- Incentives, seed money and university funding for undergraduate, postgraduate and faculty projects
- Quality of research is monitored through publications in high impact factor journals.
- Majority of research projects are sponsored by external funding sources like, DST, DRDO, ICMR & VGST.
- University has made provision for in-service faculty to enroll for higher studies like Ph.D. and Fellowship Programs. The linkages help in executing in-service programmes and continuing learning activities. These linkages promote faculty development programmes like training and orientation on a continuous basis.
- Faculty and student exchange has helped in academic development of institution and collaboration in research nationally and internationally.
- Linkages provide an opportunity for students and faculty to publish their research work. This has increased the research publication output and quality of publication among faculty and students in high impact factor indexed journals.
- Consultancy enhanced the exposure, knowledge and skills of students and faculty.

Challenges -

- Further promotion of research culture among clinicians and undergraduates of the University.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

- The University campus is spread over 45 acres. All the administrative buildings, Teaching Learning Amenities, health care set up and research wings are well and meticulously located.

- University is upgrading the infrastructure and Teaching-Learning Resources timely for the academic growth of the students on par with international standard.
- The campus has hostels with messes & canteens (UG, PG and NRI boys and girls), Library building, staff quarters, playground, indoor sports facilities, swimming pool, yoga centre, auditorium, guest house and lush green gardens and lawns.
- Separate Gymnasium for girls and boys is provided in campus with trainers.
- The budgetary allocations for the infrastructure (Furniture, Equipments, Computers and Amenities) since last 4 yrs (2011-1015) is **Rs 14.31 crores** .
- Library with built up area of 2400 sq mts with a seating capacity of 691. Services provided: 24 x7 over 365 days, digital library, e-books, e-journals, audio, video cassettes, National & International Journals.
- The number of books are: Books: 17472, Medical books: 15271, Kannada books: 407, Gift books: 1347, SC / ST book bank: 447, Back volumes of journals : 7378, Journals: 152, Indian: 76, International: 76, Post graduate Dissertations : 520, **Ph.D thesis**: 03.
- Library has video conferencing facility. In addition to Central Library all departments have departmental libraries with adequate number of books (latest edition) for day to day utility.
- The 1125-bed hospital equipped with the advanced instruments in ICU, CCU, NICU, New emergency wards, Dialysis unit, Blood Bank, Cath lab, Burns ward, RNTCP and ICTC.
- The Hospital is empanelled by the Government of Karnataka for schemes like Balasanjeevini, Vajapayee Arogyashree, Yashaswini Health Insurance, ECHS, BSNL, RSBY, KSAPS, Arogya Bhagya, Jyoti Sanjeevini etc.
- The University has established Wi-Fi facility and internet access at library and in the campus, hostels. Computer facilities Provided to all the departments. University is a part of HELINET consortium using a software-configuration 200 (Dual core / i3, 2GB, 500GB, 18.5 LED monitor) optical fiber internet.
- The laying of the central optical fiber for total Wi-Fi campus is in progress.
- Central Research Laboratory has been established with high end equipments and instruments, Vascular Laboratory and Genetic Laboratory are providing research facilities for faculty and PG students.
- The Clinical Skills laboratory is established for enhancing and honing variety of clinical skills at the cost of Rs 50 lakhs.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

University has adopted global concept in education to promote sustainable development of higher education including health sciences to reflect the needs of changing technology and to make use of academic autonomy to identify the academic programs that can be dynamic.

The University in conformity to its vision and mission, empowering students, with inclusive practices to enhance their knowledge, skills and competency.

- Publishes its prospectus providing all basic details besides updating its website periodically.
- Conducts orientation, awareness and empowerment programmes periodically.
- Grievance Redressal Cell actively addresses the grievances formally and informally at college as well as university level.
- College provides indoor and outdoor sports facilities besides conducting sports and athletic meets.
- Students are provided with free medical facilities in its hospital.
- The college publishes student's magazine annually.
- University communicates the achievements and activities by publishing news bulletin quarterly.
- Cultural and Sports Units support cultural and sports activities at regional, state and inter-university level (participation, training, selection, competition and prizes). Alumni Association of institution strongly supports and caters the needs of the students and alumni.
- The Committee for prevention of sexual harassment and Women Empowerment Committee oversees the safety and dignity of women staff and students.
- The College is known for safe and secure place to pursue education for girl students.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

University is led by Vice Chancellor under guidance of Board of Management and other statutory bodies. Vice Chancellor is full time executive officer of the University.

Being Deemed University, autonomy is used in framing policies, statutes, regulations, for proper functioning of the University. University ensures academic excellence with support from BOS, Academic Council and other Committees. Effective evaluation & assessment is ensured by Controller of Examination. Incentives are provided to pursue research activities and publications. Welfare schemes and free health care support for employees and students are in place. Gender sensitive activities are undertaken by women's cell which organizes various activities to create awareness.

BEST PRACTICES

Responsible administration ensures accountability and assures welfare of staff and growth of all stake holders.

'Vision 2020' outlines views of leadership for ensuring continued excellence in all endeavors of University.

CHALLENGES

Further, decentralization and assigning administrative responsibilities to clinicians is challenging.

CRITERION VII: INNOVATIONS AND BEST PRACTICES

Innovation is a disciplined undertaking at the University. It focuses on improving learning opportunities. Academic innovations are mainly aimed at quality assurance and creating more processes to capture and disseminate knowledge. The University has 'Go-green' approach for creating awareness of energy conservation among students, faculty and public.

Green audit is regularly carried out to assess environmental credentials to ensure creation of energy efficient and environmental friendly campus. Under green audit water audit, energy audit and biomedical waste management are covered. Various environmental awareness and waste management programmes are regularly organized. The "Go-Green Club" mainly aims at initiating more plantations in campus and to educate students and staff to use bicycles and car pooling.

Rain water harvesting, sewage water treatment plant are in place. Solar water heaters on roof tops of hospital, hostels and guest house provides hot water for inmates. LED and CFL bulbs are used on the campus and all the buildings.

Best practices at University are mainly on academic programmes like departmental mentorship and systematic clinical training. Both these programmes help in creating effective learning, develop competency among students and exchange of ideas and knowledge. Departmental Mentorship helps in overall upgradation of progress and development of respective department.

Challenges:

Strengthening of research culture among staff and students. To initiate innovative ideas in teaching and learning, research consultancy and administration. The university is making all out efforts to promote culture of innovation. By creating an innovative culture, an effective learning process develops and improves knowledge acquisition and work environment.

Enhanced service to the society with more number of facilities and health centers and health care at affordable cost remain a constant challenge.

SWOC ANALYSIS

Strengths:

1. More than 100 year old Sponsoring Society established with the sole motto of imparting education to the community in this backward region.
2. Built and nurtured by educationists, philanthropists and sages. Steady consistent growth in consonance with local needs and global trends.
3. BLDE University established with a constituent college of 25 years of standing, imparting education with local and global perspectives.
4. Strong infrastructure and state of art health care facilities providing quality health care almost free of cost.
5. Well qualified competent faculty with minimal attrition.
6. Conducive working environment for holistic development of both students and teachers
7. Demand for various programs consistently increasing every year.

Weaknesses:

1. Location of the University. Rail and flight connectivity is not satisfactory.
2. Economically backward region. The pace of integrated developmental activities slower.
3. Self financed University with no government support.
4. Difficulty in coping the growing cost of providing quality health care services to the needy.

Opportunities:

1. To develop full fledged departments in the Psychiatry and Pulmonology and establish departments with newer specializations
2. Enhance collaborations at national and international levels to promote quality research and training.
3. Develop into University of Excellence which meet local & regional needs &impart education with global perspective.
4. The opportunity lies in using its location to strengthen the understanding and support of local needs with focus on integration of global perspectives into curricula.

Challenges:

1. Providing quality health care at affordable cost to the poor and socially disadvantaged sections of the society.
2. To offer increased number of superspeciality services.
3. Incorporate Nursing and Pharmacy colleges in the existing University system.
4. To establish a Centre for Social Determinants of Health which identifies the grey areas in this part of the state and develop strategies to address these comprehensively.
5. Develop Superspeciality Hospital to support Teaching Hospital with support from Sponsoring Society to improve access to tertiary health care.

Profile of the Institution

(To provide information whichever is relevant to the HSI)

1. Name and Address of the Institution

Name	BLDE University Smt. Bangaramma Sajjan Campus, Sholapur Road, VIJAYAPUR	
Address		
City: Vijayapur	Pin: 586 103	State: Karnataka
Website: www.bldeuniversity.ac.in		

2. For communication

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Vice Chancellor	Prof. B. G. Mulimani	08352-262770 Extn: 2341	09980127775	08352-263303	vc@bldeuniversity.ac.in
Registrar	Prof. J. G. Ambekar	08352-262770 Extn: 2327	09845292623	08352-263303	registrar@bldeuniversity.ac.in
Principal / Dean / Director	Prof. M. S. Biradar	08352-262770 Extn: 2111	9448131879	08352-263303	bmpmc.principal@bldeuniversity.ac.in
Vice Principal	Prof. Tejaswini Vallabha	08352-262770 Extn: 2337	09900777645	08352-263303	bmpmc.vp@bldeuniversity.ac.in
Steering Committee/ IQAC Co-rdinator	Prof. B. R. Yelikar	08352-262770 Extn: 2245	09448139588	08352-263303	yelikar61@gmail.com

3. Status of the Institution

Autonomous College	
Constituent College	
Affiliated College	
State University	
State Private University	
Central University	
University under Section 3 of UGC (A Deemed to be University)	√
Institution of National Importance	
Any other (specify)	

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4. **Type of University**

Unitary	√
Affiliating	

5. **Type of College**

Ayurveda	
Dentistry	
Homoeopathy	
Medicine	√
Nursing	
Pharmacy	
Physiotherapy	
Siddha	
Unani	
Yoga and Naturopathy	
Others (specify and provide details)	

6. **Source of funding**

Central Government	
State Government	
Grant-in-aid	
Self-financing	√
Trust	
Corporate	
Society	√

7. a. **Date of establishment of the institution**: **11/03/2008** (dd/mm/yyyy)

b. In the case of university, prior to the establishment of the university, was it a/an

- Autonomous College Yes ☐ No ☐
- Constituent College Yes ☐ No ☐
- Affiliated College Yes ☑ No ☐
- PG Centre Yes ☐ No ☐
- De novo institution Yes ☐ No ☐
- Any other (specify) .....

c. In the case of college, university to which it is affiliated - NA

8. **State the vision and the mission of the institution**

Vision & Mission :

Our Vision

"To be a Leader and be recognized as an Institution striving for maintenance and enhancement of Quality Medical Education and Healthcare"

Our Mission

- To be committed to promote sustainable development of higher education including Health science education, consistent with the statutory and regulatory requirements.
- Reflect the needs of changing technology and make use of the academic autonomy to identify the academic programs that are dynamic.
- Adopt global concepts in education in the healthcare sector.

9. a. **Details of UGC recognition / subsequent recognition (if applicable)**

Under Section	Date, Month and Year (dd/mm/yyyy)	Remarks (If any)
i. 2(f)*		
ii. 12B*		
iii. 3*	**11/03/2009**	

** Enclose the certificate of recognition, if applicable*

b. **Details of recognition/approval by statutory/regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE, etc.)**

Under Section/clause	Day, Month and Year (dd/mm/yyyy)	Validity	Program/ institution	Remarks
i. u/s 19 of IMC Act 1956	20/11/2010	For Five years	UG	MCI recognition
ii. 1st schedule to IMC Act 1956	22/11/2010*	For Five years	PG	MH & FW notification on recommondation of MCI

*(*Enclose the Certificate of recognition/approval)*

10. **Has the institution been recognized for its outstanding performance by any national / international agency such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO, etc.**

Yes ☐ No ☑

If yes, name of the agency ……

date of recognition: …… (dd/mm/yyyy)

nature of recognition ……..

11. **Does the institution have off-campus centres?**

Yes ☐ No ☑

If yes, date of establishment : …… (dd/mm/yyyy)

date of recognition by relevant statutory body/ies……

(dd/mm/yyyy)

12. **Does the institution have off-shore campuses?**

Yes ☐ No ☑

If yes, date of establishment : …… (dd/mm/yyyy)

date of recognition by relevant statutory body/ies:……
(dd/mm/yyyy)

13. **Location of the campus and area**

	Location *	Campus area in acres	Built up area in sq. mts.
i. Main campus area	Vijayapur (Semi-Urban)	45 Acres	27,892.29 sq. mts
ii. Other campuses in the country			
iii. Campuses abroad			

(Urban, Semi-Urban, Rural, Tribal, Hilly Area, any other (specify)*

If the institution has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

14. **Number of affiliated / constituent institutions in the university**

Types of institutions	Total	Permanent	Temporary
Ayurveda			
Dentistry			
Homoeopathy			
Medicine	**01**	**01**	
Nursing			
Pharmacy			
Physiotherapy			
Siddha			
Unani			
Yoga and Naturopathy			
Others (specify and provide details)			

15. **Does the University Act provide for conferment of autonomy to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University**

Yes ☐ No ☑ Number ☐

16. **Furnish the following information**

Particulars	Number
a. Accredited colleges by any professional body/ies	
b. Accredited course / department by any professional body/ies	
c. Affiliated colleges	

Particulars	Number
d. Autonomous colleges	
e. Colleges with Postgraduate Departments	
f. Colleges with Research Departments	
g. Constituent colleges	01
h. University Departments Undergraduate Post graduate Research centers on the campus and on other campuses	
i. University recognized Research Institutes/Centres	

17. **Does the institution conform to the specification of Degrees as enlisted by the UGC?**

Yes ☑ No ☐

If the institution uses any other nomenclatures, specify.

18. **Academic programs offered and student enrolment: (Enclose the list of academic programs offered and approval / recognition details issued by the statutory body governing the program)**

Programs	Number of Programs	Number of students enrolled
UG	01	750
PG	18(MD/MS) (M.Sc.)	MD/MS-160 M.Sc. -01
DNB	--	
Integrated Masters	--	
Integrated Ph.D.	--	
PharmD.	--	
M.Phil.	--	
Ph.D.	12	63
Certificate	06	
Diploma	01	
PG Diploma	06	28
D.M. / M.Ch.	01	03
Sub/ Super specialty Fellowship	03	03
Any other (specify)		
Total	**48**	**1008**

19. **Provide information on the following general facilities (campus-wise)**

● Auditorium/seminar complex **with infrastructural facilities**	Yes ☑	No ☐
● **Sports facilities** ● **Outdoor** ● **Indoor**	Yes ☑ Yes ☑	No ☐ No ☐

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• **Residential facilities for faculty and non-teaching staff**	Yes ☑	No ☐
• **Cafeteria**	Yes ☑	No ☐
• **Health centre**		
• **First aid facility**	Yes ☑	No ☐
• **Out-patient facility**	Yes ☑	No ☐
• **In-patient facility**	Yes ☑	No ☐
• **Ambulance facility**	Yes ☑	No ☐
• **Emergency care facility**	Yes ☑	No ☐
• **Health Centre Staff**	Yes ☑	No ☐
• **Qualified Doctor**	Yes ☑	No ☐
• **Qualified Nurse**	Yes ☑	No ☐
Facilities like banking, post office, book shops, etc.	Yes ☑	No ☐
Transport facilities to cater to the needs of the students and staff	Yes ☑	No ☐
Facilities for persons with disabilities	Yes ☑	No ☐
Animal house	Yes ☑	No ☐
Incinerator for laboratories	Yes ☑	No ☐
Power house	Yes ☑	No ☐
Fire safety measures	Yes ☑	No ☐
Waste management facility, particularly bio-hazardous waste	Yes ☑	No ☐
Potable water and water treatment	Yes ☑	No ☐
Any other facility (specify) **ICT enabled Finance and Exam Section Publication division and offset printing press**	Yes ☑ Yes ☑	No ☐ No ☐

20. Working days / teaching days during the past four academic years

	Working days				Teaching days			
Number stipulated by the Regulatory Authority	294	290	291	291	240	240	240	240
Number by the Institution	294	290	291	291	280	273	276	278

(Teaching days' means days on which classes/clinics were held. Examination days are not to be included.)

21. Has the institution been reviewed or audited by any regulatory authority? If so, furnish copy of the report and action taken there upon (last four years).

NO

22. Number of positions in the institution

Positions	Teaching Faculty						Non-teaching Staff	Technical staff
	Professor	Associate Professor /Reader	Assistant Professor	Lecturer	Tutor / Clinical Instructor	Senior Resident		
Sanctioned by the Government Recruited Yet to recruit	--	--	--	--	--	--		
Sanctioned by the Management /Society or other authorized bodies Recruited Yet to recruit	--	--	--	--	--	--		
Stipulated by the regulatory authority	**21**	**48**	**77**	**--**	**110**	**66**	**796**	**120**
Cadre ratio Recruited Yet to recruit	**69**	**48**	**94**	**--**	**130**	**56**		
Number of persons working on contract basis	--	--	--	--	--	--		

23. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor/ Reader		Assistant Professor		Lecturer		Tutor /Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
Permanent Teachers												
D.M./ M.Ch.	**02**	**-**	**-**	**-**	**05**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ph.D./D.Sc./D.Litt/ M.D./ M.S.	**52**	**15**	**32**	**14**	**52**	**23**	**-**	**-**	**-**	**-**	**15**	**01**

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Highest Qualification	Professor		Associate Professor/ Reader		Assistant Professor		Lecturer		Tutor /Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA, PG Diploma)	**01**	**-**	**-**	**01**	**11**	**02**	**-**	**-**	**06**	**-**	**25**	**04**
AB/FRCS/FRCP/ MRCP/MRCS/ FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	**01**	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	**98**	**26**	**10**	**01**
Temporary Teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/ M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-
AB/FRCS/FRCP/ MRCP/MRCS/ FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-
Contractual Teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/ M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ Pharm. D, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-
AB/FRCS/FRCP/ MRCP/MRCS/ FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-

Highest Qualification	Professor		Associate Professor/ Reader		Assistant Professor		Lecturer		Tutor /Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
Part-Time Teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/ M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-
AB/FRCS/FRCP/ MRCP/MRCS/ FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-

24. Emeritus, Adjunct, Visiting Professors and Mentors

Each Department has a mentor who is emiritus, adjunctal in the respective field.

25. Distinguished Chairs instituted

Department	Chairs
--	--

26. Hostels

- **Boys' hostels**
  - Number of hostels : 3
  - Number of inmates : 370
  - Facilities : Reaching room, TV room, Wi-Fi, Sports room, Mess, canteen
- **Girls' hostels**
  - Number of hostels : 3
  - Number of inmates : 490
  - Facilities : Reading room, TV room, Wi-Fi, Sports room, Mess
- **Overseas students' hostels**
  - Number of hostels : 2 (shared with other students)
  - Number of inmates : 14 (3 foreign students)
  - Facilities : Reading room, TV room, Wi-Fi, Sports room

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- **Hostel for interns**
  - Number of hostels : 2 (shared with UG students)
  - Number of inmates : 90
  - Facilities
- **PG Hostels**
  - Number of hostels : 2
  - Number of inmates : 160
  - Facilities : Reading room, TV room, Wi-Fi, Sports room

27. **Students enrolled in the institution during the current academic year, with the following details**

Students	UG		PG						Integrated Masters		M.Phil		Ph.D.		Integrated Ph.D.	
			PG		DM		MCH									
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
From the state where the institution is located	41	42	23	16	--	--	01	--	--	--	--	--	04	04	--	--
From other states	39	28	23	13	--	--	01	--	--	--	--	--	--	02	--	--
NRI students	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Foreign students	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	80	70	46	29	--	--	01	--	--	--	--	--	04	06	--	--

**M-Male *F-Female*

28. **Health Professional Education Unit / Cell / Department**

- **Year of establishment** : 1997
- **Number of continuing education programs conducted (with duration)**
- **Induction : 15**
- **Orientation : 14 (Interns)**
- **Refresher : 24**
- **Post Graduate : 13+1 (Ph.D.)**
- **Others : 38**

29. **Does the university offer Distance Education Programs (DEP)?**

Yes ☐ No ☑

If yes, indicate the number of programs offered.

Are they recognized by the Distance Education Council?

31. **Is the institution applying for Accreditation or Re-Assessment?**

Accreditation ☑ Re-Assessment ☐

32. **Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4)**

Not Applicable

33. **Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.**

Not Applicable

34. **Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).**

IQAC : **29/07/2009** (dd/mm/yyyy)

35. **Any other relevant data, the institution would like to include (not exceeding one page).**

Mentor System

The University has introduced innovative system of mentoring each department of the constituent college. Academicians of national repute were nominated as mentors. The inputs from mentors enhanced the quality of teaching-learning and facilitated up-gradation of equipments and infrastructure for health care services.

Student-Ward System

The student Mentor system has been established to support and mentor the students for better performance and social behavior. All the students are grouped in to various groups and each group is allotted to a teacher to monitor.

Free UG seats 10% to meritorious students

10% of the UG seats (15 seats) are free for meritorious students domicile of Vijayapur supported by Sponsoring Society.

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CRITERION I - CURRICULAR ASPECTS

1.1 Curriculum Planning, Design and Development

1.1.1 Does the institution have clearly stated goals and objectives for its educational program?

Yes; In consonance with the Mission statement of our University,The Institution has the following clearly stated goals and objectives for its educational programs:

Mission Statement of our University

- Excellence in all our endeavors.
- Evolve into an Organization which provides the best health care facilities in this backward region, in particular, to socially disadvantaged section of the society.
- Constant striving to become a Research University (knowledge creation and dissemination) with an eye towards world-class quality, adopting latest tech-tools for teaching/research and adopting global best practices

Goals and general objectives of Undergraduate Medical Education program

Goals: The Undergraduate students coming out of a medical institution should:

a) Be competent in diagnosis and management of common health problems of individual and the community, commensurate with his/her position as member of the health team at primary, secondary or tertiary levels, using his/her clinical skills based on history, physical examination and relevant investigations;

b) Be competent to practice preventive, promotive, curative and rehabilitative medicine in respect to the commonly encountered health problems;

c) Appreciate for different therapeutic modalities, be familiar with the administrations of the “essential drugs” and their common side effects;

d) Be able to appreciate social, psychological, cultural, economic and environmental factors affecting health and develop humane attitude towards discharging one’s professional responsibilities.

e) Process the attitude for continued self learning and to seek further expertise or to pursue research in any chosen area of medicine, action research and documentation skills.

f) Be familiar with the basic factors, which are essential for the implementation of the National Health Programs including practical aspects of the following:

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i. Family Welfare and Maternal and Child Health (MCH)

ii. Sanitation and water supply

iii. Prevention and control of communicable and non-communicable diseases

iv. Immunization

v. Health Education

vi. IPHS standard of health at various levels of service delivery and medical waste disposal.

vii. Organizational institutional arrangements

g) Acquire basic management skill in the area of human resources, materials and resource management related to health care delivery, general and hospital management, principal inventory skills and counseling.

h) Be able to identify community health problems and learn to work to resolve them by designing, instituting corrective steps and evaluating outcome of such measures.

i) Be able to work as a leading partner in health care teams and acquire proficiency in communication skills.

j) Be competent to work in a variety of health care settings.

k) Have personal characteristics and attitude required for professional life such as personal integrity, sense of responsibility and dependability and ability to relate to or show concern for other individuals.

l) All efforts must be made to equip the medical graduate to acquire the detailed in Appendix B of Medical Council of India Regulations on Medical Education,1997

Goals and general objectives of Postgraduate Medical Education program

Goals

The goal of postgraduate medical education shall be to produce a competent specialist and / or a medical teacher:

- Who shall recognize the health needs of the community and carry out professional obligations ethically and in keeping with the objectives of the national health policy.
- Who shall have mastered most of the competencies, retraining to the specialty that are required to be practiced at the secondary and the tertiary levels of the health care delivery system.

- Who shall be aware of the contemporary advances and developments in the discipline concerned
- Who shall have acquired a spirit of scientific inquiry and is oriented to the principles of research methodology and epidemiology and
- Who shall have acquired the basic skills in teaching of the medical and paramedical professionals.

Objectives

At the end of the postgraduate training in the discipline concerned the student shall be able to:

- Recognize the importance of the concerned specialty in the context of health need of the community and the national priorities in the health sector.
- Practice the specialty concerned ethically and in step with the principles of primary health care.
- Demonstrate sufficient understanding of the basic sciences relevant to the concerned specialty.
- Identify social, economic, environmental, biological and emotional determinants of health in a given case and take them into account while planning therapeutic, rehabilitative, preventive and promotive measures/ strategies.
- Diagnose and manage majority of the conditions in the specialty concerned on the basis of clinical assessment and appropriately selected and conducted investigations.
- Plan and advice measures for the prevention and rehabilitation of patients suffering from disease and disability related to the specialty.
- Demonstrate skills in documentation of individual case details as well as morbidity and mortality data relevant to the assigned situation.
- Demonstrate empathy and humane approach towards patients and their families and exhibit interpersonal behavior in accordance with the societal norms and expectations.
- Play the assigned role in the implementation of national health programs effectively and responsibly.
- Organize and supervise the chosen/assigned health care services demonstrating adequate managerial skills in the clinic/hospital or the field situation.

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- Develop skills as a self-directed learner recognize continuing educational needs select and use appropriate learning resources.
- Demonstrate competence in basic concept of research methodology and epidemiology and be able to critically analyze relevant published research literature
- Develop skills in using educational methods and techniques as applicable to the teaching of medical/nursing students, general physicians and paramedical health workers.
- Function as an effective leader of a team engaged in health care, research or training.

1.1.2 How are the institutional goals and objectives reflected in the academic programs of the institution?

The parent association - Bijapur Liberal District Education Association has the legacy of over one hundred years in the field of education. The University is immensely benefitted by this rich experience. This association has been a pioneer in providing quality education at various levels and in multiple formats, to the people of this socially and economically underdeveloped region. Our University, inspired by the parent association is committed to providing best quality professional education to the students by incorporating its goals and objectives in all its academic programs in the following manner:

- Focus on developing globally competent and locally relevant new course contents in the health care system, thereby meeting the human resource needs of the society.
- Curriculum is designed with a focus on recent developments in the field with special emphasis on skill development.
- Programs and curricular contents of the different disciplines of Health Sciences are specifically designed to address the local as well as global needs and challenges.

Collaborations with allied National and International institutions to augment the Curricular content and spread.

1.1.3 Does the University follow a systematic process in the design, development and revision of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

Yes; Curriculum design, development and revision of the curriculum is a continuous, ongoing process in the University, meeting the requirements of regulatory authorities and taking into consideration of changing world

scenario in health education. The University strives to keep its curriculum globally competent, relevant and at par with best of the Class. Till date, the curricular revision has been made once in the year 2012.

The details of the systematic process are as follows:

- Each department undertakes a need-assessment informally through discussions with the peers, feedback from external examiners and other stakeholders is taken into account.
- Suggestions of the Regulatory Authorities (Medical Council of India and University Grants Commission) are incorporated appropriately.
- After discussions at the departmental level, relevant suggestions are put across to the respective Boards of Studies.
- Boards of Studies outline the changes to be incorporated in the curriculum and recommend to the University Curriculum Committee.
- This Committee after deliberating on the suggestions seeks the opinion of External Experts. It then recommends to the Academic Council of the University.
- After approval of the Academic Council and Board of Management, the revised curriculum is notified.

1.1.4 How does the curriculum design and development meet the following requirements?

*** Community needs**

The curriculum is developed keeping in focus, the needs of the society. Training future medical professionals with good clinical skills, sensitizing them to the needs of the community, cultural practices and ethos and making them competent to provide need-based primary healthcare services within the available resources is a paramount focus of the university during curricular design and development. The institution is sensitive to the need for extensive training in National Health programs.

In addition to the courses conducted and recognized by MCI and UGC, University has developed innovative courses which are need based, skill oriented and which address the local needs.Apart from these, post doctoral fellowships in emerging areas are developed keeping up with global trends and needs

*** Professional skills and competencies**

Graduates are exposed to diverse situations once they are in the society. Keeping this in mind, the University has been continuously striving to impart

professional skills and competencies to its graduates so that they are ready to face any situation confidently, efficiently and successfully. In this regard, the curriculum is planned to train students with the latest technology, emphasizing on 'hands on training' in the skills lab and in hospital. Competencies are well defined and skill acquisition is graded. They are also imparted training in appropriate communication skills.

* **Research in thrust / emerging areas**

Undergraduate students are sensitized about Research in the beginning of their course itself. They are encouraged to take ICMR short term projects in different departments, in thrust and emerging areas which are locally prevalent (infectious diseases, mother and child health issues and also in areas like Non Communicable diseases).

For Postgraduate students, it is mandatory to present research papers in State and/or National Conferences and publish at least one paper in a reputed Journal before appearing for their PG examinations. Examinations also bear an emphasis on research in emerging areas.

* **Innovation**

Each department develops innovative techniques in curriculum. In the recent revision of the curriculum, departments have developed specific goals and objectives and defined the innovative learning contents. Many departments have introduced innovative course contents and teaching learning methods. There are innovative courses which cater to local needs and improve employability. Few courses are innovative and address gaps in emerging areas and skills.

* **Employability**

The University provides education in the health sector where there is a great demand for well-trained graduates and ample self employment possibilities exist. In addition to the knowledge development, students are trained in various skills and competencies. Appropriate training in the use of latest equipments and procedures ensures that these graduates are able to find competitive employments. Newer innovative courses like certificate courses focus on employability.

1.1.5 To what extent does the University use the guidelines of the Regulatory Bodies for developing and/or restructuring the curricula? Has the University been instrumental in leading any curricular reform which has created a national impact?

The University consciously adheres to the Guidelines of Regulatory Bodies (MCI and UGC) while developing and restructuring its curricula. In addition

to the guidelines by regulatory bodies, course content is modified keeping in mind upcoming trends and local needs. Student assessment is done more objectively using innovative assessment tools.Though the University is bringing in several changes in the curriculum it is yet to lead any curricular, reform that will cause National impact.

1.1.6 Does the University interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the University benefitted through interactions with the stakeholders?

Yes. Curriculum revision is an ongoing process at the University and interaction with all the stake holders does happen, our principal stake holders being Students and Alumni. Being a Medical University, informal response of the society in the form of patients is also taken into account. The University receives inputs from eminent academicians, clinicians during different Conferences and CMEs of various departments and informal interactions on curriculum are received. These are incorporated into curricular revision. Expert opinion is sought and incorporated.

Faculty from research organizations who visit our University or our own faculty who visit other countries as examiners and invited speakers do bring valuable inputs about curriculum from those sources. This along with feedback received from other stake holders makes the basis for curricular revisions.

1.1.7 How are the global trends in health science education reflected in the curriculum?

Curriculum of the University adopts the global approach in health science education by including recent trends in the curriculum. Based on these principals, it strives to develop competent and relevant courses. Necessary changes in the content of syllabus are made by adding new and relevant diseases like Chikengunya, and Dengue, procedures such as minimally invasive surgeries and adopting newer Teaching-Learning methods like OSCE/OSPE and Problem based learning. Yoga is also given importance in the curriculum. Innovative teaching methods like Mind Mapping are added. Students undergo skills lab training under supervision. Focus on skill competence and introduction of new value added courses all reflect global trends in health education.

1.1.8 Give details of how the University facilitates the introduction of new programs of studies in its affiliated colleges.

Not applicable as ours is a Deemed University and has no provision for affiliation.

1.1.9 Does the University provide additional skill-oriented programs relevant to regional needs?

Yes; The University has developed a few postgraduate fellowship and certificate Programs which are basically skill-oriented. Courses such as the Fellowship in Functional Endoscopic Surgery and Pediatric Dermatology have been introduced recently, are not only self-oriented but also relevant to the regional needs. The certificate courses in Medical illustration, OT technology, embalming techniques etc address the local and regional needs. These are purely skill oriented.

10.10.10 Explain the initiatives of the University in the following areas:

* **Behavioral and Social Science. Medical Ethics / Bio Ethics / Nursing Ethics. Practice Management towards curriculum and/or services.**

Being a Medical University, awareness and inculcation of ethical values and its practice is important. Medical ethics related to providing health care and biomedical research is addressed in the form of lectures, role plays and other methods.

These topics are covered in the syllabi during different terms of the under-graduation as part of the Community Medicine curriculum. Ethical issues are also extensively covered during undergraduate, Internee and Postgraduate orientation workshops.

* **Orientation to research.**

Research has been an integral part of training both, at undergraduate and post- graduate education. Undergraduate students are initiated into research during the initial orientation classes and encouraged to take short research projects funded by the University. Several students are awarded short term ICMR student projects and complete them with faculty guidance.UG students regularly participate and present papers in Medical Conferences. Post graduate students and research scholars undergo training in research methodology, literature search, Biostatistics, Ethical issues in research and writing of the dissertation thesis in their orientation programme and pre-Ph.D course work. This enables them to improve their quality of research. In addition, presentation of papers in the conferences and publishing articles is mandatory to be eligible to appear for examinations. They are encouraged to join the research projects of the faculty members

* **Rehabilitation.**

The theoretical aspects of rehabilitation are covered in detail under relevant subjects viz. ENT and Orthopedics. In addition, a well equipped Physiotherapy unit helps students to gain insight into the principles and practices of rehabilitation of patients, Rehabilitation is required for physical and neurological disabilities. In addition to this, District Disability and

Rehabilitation services are also available for patients with hearing and visual impairment as well as for patients who are mentally- and/or physically-challenged.

⁎ Ancient scriptural practices.

Introductory lectures in the curricula of theory of all subjects have an orientation towards ancient scriptural practices. Students are advised to appraise themselves of the Indian ancient knowledge and relevant scriptural practices through relevant websites and monumental works.

⁎ Health Economics.

Economic aspects of different healthcare practices and procedures are taught to the students during regular teaching programs and clinical discussions. Various aspects of economic burden of the diseases on the individual, the family, the society and the nation in general are imparted to the students throughout their educational endeavor. Health Economics is also part of Community Medicine curriculum of undergraduate and postgraduate programs.

⁎ Medico legal issues.

Medico legal issues constitute an integral part of the curriculum during the second phase of the medical student's career. Training is also imparted during internship orientation and casualty postings of students.

⁎ Enhancement of quality of services and consumer is satisfaction.

- Enhancement of quality services and consumer satisfaction are of paramount significance to the University.
- All the faculty members are constantly motivated and guided to improve their quality of services to satisfy the customers by senior faculty, Heads of the Department and the Principal.
- Further, all Laboratories regularly undergo rigorous quality assurance exercises.
- New and latest equipments are commissioned to enhance the quality of services in Medical, Surgical and Radiological procedures.
- Faculty member and other service personnel undergo professional training
- Courses to upgrade their knowledge and skills so that quality services can be reached out to the customers.

- Newer facilities are regularly added to upgrade the hospital services and amenities to satisfy the healthcare needs and satisfaction of the of the patients.
- Members of faculty regularly give Radio talks and join phone-in program to help patients and public on health issues.
- There is a provision to seek feedback and assess the consumer satisfaction through the Consumer redress services of the hospital, in the form of Complaint/suggestion boxes placed at many locations in the hospital, a provision essentially meant to cater to enhancement of the quality of services to customer satisfaction.

1.1.11 How does the University ensure that evidence based medicine and clinical practice guidelines are adopted to guide patient care wherever possible?

Across the world, patient care services are becoming more and more objective and evidence-based, with the use of International and National clinical care guidelines. In its relentless quest for excellence, the University has adopted both- Evidence-based practice and use of Clinical guidelines as best practices of the institution. These are routinely discussed with and taught to the postgraduate students during clinical presentations. Every department is encouraged to choose certain conditions in which these objectives are practiced regularly. In places like the ICUs, CCUs and Post-operative wards, these guidelines are displayed as a ready reckoner for the practitioners.

1.1.12 What are the newly introduced value added programs and how are they related to the internship programs?

In order to improve the skill and competence of the Internees and prepare them to deal with cases independently after the internship, various measures are taken. On joining Internship, students undergo an orientation workshop in which consultants from different departments brief regarding work responsibilities. Hands on workshops are conducted for Internees to learn several basic life saving skills, surgical and clinical skills under supervision. Specific value added programs are yet to be introduced.

1.1.13 How does the University contribute to the development of Integrated Learning Methods and Integrated Health Care Management?

∗ **Vertical and horizontal integration of subjects**

Vertical and horizontal integration of subjects is achieved by involving different departments related to the specific topic. A schedule is drawn by respective departments and it is displayed. Teaching faculty from the involved departments participate in the presentations and discussions. Sometimes students are assigned these topics for seminars and specialists from different departments attend and guide them.

∗ Integration of subjects taught with their clinical application.

In the clinical departments, this is done during the clinical case presentations and ward rounds for Undergraduates and Post graduates. During preclinical and para-clinical subject studies, students are also taught about the clinical applications of concerned subjects. (e.g. In Pharmacology, a Teaching staff takes a group of students to the clinical wards to discuss the adverse effects of drug/substance abuse. Students are also involved in Pharmaco-vigilance). during vertical integration classes, it is also ensured by the Clinical teaching faculty

∗ Integration of different systems of healthcare (Ayurveda, Yoga, Unani, Homeopathy, etc.) in the teaching hospital.

Consciously and as per the norms of the regulatory bodies, the medical college and hospital does not undertake an integrated system of healthcare practice. However, for the sake of knowledge, students are provided awareness about other systems of medicine including Yoga.

1.1.14 How is compatibility of programs with goals and objectives achieved with particular reference to priority of interface between Public Health, Medical Practice and Medical Education?

The College and Hospital have been continuously striving to align the institution's goals and objectives with the programs offered by it. So far there has been a notable compatibility of programs with the institution's goals and objectives, especially related to the interface between public health, medical practice and medical education.

Design, development and implementation of the curriculum is at tandem on one hand with the Global trends in Medical Education and prioritized interface between Public Health and Medical Practice on the other. Regular knowledge and skill enhancement of staff members achieved through CMEs and Workshops, provision of new state of the art equipments for Clinical diagnosis and treatment, sensitizing students to the cultural and social aspects of trauma, disease and medical practice and emphasis on implementation of National health Programs, all cater to building the desired interface.

1.2 Academic Flexibility

1.2.1 Furnish the inventory for the following:

∗ Programs offered on campus:

The University offers Undergraduate (MBBS), Postgraduate (MD & MS), Doctor of Philosophy (Ph.D.), Super Specialization Programmes(M.Ch), as well as Fellowship programmes (Diploma) and Certificate Courses

Table 1.1a. UG Programme		
Year	**Discipline**	**UG (Number)**
2008-09	MBBS	150
2009-10	MBBS	150
2010-11	MBBS	150
2011-12	MBBS	150
2012-13	MBBS	150
2013-14	MBBS	150
2014-15	MBBS	150

Table 1.1b: PG Programme				
Year	**Disciplines**	**PG Degree (Number)**	**PG Diploma (Number)**	**Total (Number)**
2008-09	14 Disciplines: General Medicine, Surgery, OBG, Paediatrics, Orthopedics, Anaesthesia, Dermatology, ENT, Ophthalmology, Community Medicine. Microbiology, Pathology, Anatomy, Physiology	25	16	41
2009-10	14 Disciplines: General Medicine, Surgery, OBG, Paediatrics, Orthopedics, Anaesthesia, Dermatology, ENT, Ophthalmology, Community Medicine. Microbiology, Pathology, Anatomy, Physiology	24	16	40
2010-11	14 Disciplines: General Medicine, Surgery, OBG, Paediatrics, Orthopedics, Anaesthesia, Dermatology, ENT, Ophthalmology, Community Medicine. Microbiology, Pathology, Anatomy, Physiology	28	16	44
2011-12	17 Disciplines: General Medicine, Surgery, OBG, Paediatrics, Orthopedics, Anaesthesia, Dermatology, ENT, Ophthalmology, Community Medicine. Microbiology, Pathology, Anatomy, Physiology, Radiology, Biochemistry, Forensic Medicine	51	16	67

2012-13	17 Disciplines: General Medicine, Surgery, OBG, Paediatrics, Orthopedics, Anaesthesia, Dermatology, ENT, Ophthalmology, Community Medicine. Microbiology, Pathology, Anatomy, Physiology, Radiology, Biochemistry, Forensic Medicine	54	16	70
2013-14	18 Disciplines: General Medicine, Surgery, OBG, Paediatrics, Orthopedics, Anaesthesia, Dermatology, ENT, Ophthalmology, Community Medicine. Microbiology, Pathology, Anatomy, Physiology, Radiology, Biochemistry, Forensic Medicine, Pharmacology	62	16	78
2014-15	18 Disciplines: General Medicine, Surgery, OBG, Paediatrics, Orthopedics, Anaesthesia, Dermatology, ENT, Ophthalmology, Community Medicine. Microbiology, Pathology, Anatomy, Physiology, Radiology, Biochemistry, Forensic Medicine, Pharmacology	79	16	95

Table 1.1c. Super Specialization Programme Since 2011

Year	Name of the Course	Number of seats
2011	M.Ch. (Urology)	01

Table 1.1d. Ph.D. Programmes

Year	Disciplines	Number of seats
2010-11	Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Community Medicine, ENT and Pulmonary Medicine	**10**
2011-12	Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Community Medicine, ENT and Pulmonary Medicine	**17**
2012-13	Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Community Medicine, ENT and Pulmonary Medicine	**17**
2013-14	Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Community Medicine, ENT and Pulmonary Medicine	**10**
2014-15	Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Community Medicine, ENT and Pulmonary Medicine Pharmacology	**10**

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Table 1.1e. Diploma and Fellowship Programmes		
Year	**Name of the Course**	**Year of Introduction**
1	Diploma in Medical Illustration	2010-11
2	Fellowship Program in Pediatric Dermatology	2010-11
3	Fellowship in Functional Endoscopic Sinus Surgery (FESS)	2010-11
4	Fellowship in HIV Medicine	2010-11
5	P.G. Diploma in Family Medicine	2010-11

Table 1.1f. Certificate and Fellowship Programmes		
Sl.No	**Name of the Course**	**Year of Introduction**
1	Certificate Course in Histopathology	2013-14
2	Certificate Course in Embalming Techniques	2013-14
3	Certificate Course in Mortuary Techniques	2013-14
4	Certificate course in OT Technology	2014-15
5	Certificate course in ECG technology	2014-15

Table 1.1g. Fellowship Programmes		
Sl.No	**Name of the Course**	**Year of Introduction**
1	Fellowship in Micro Ear Surgery	2013-14
2	Fellowship in Cataract Surgery and Phacoemulsification	2014-15
3	Fellowship in Dermatopathology	2014-15
4	Fellowship in Geriatric Medicine	2014-15
5	Fellowship in Paediatric Urology	2014-15

∗ *Overseas programs offered on campus:*

At present, no overseas programs are offered by the University.

However, the University supports students and collaborates with the Emory University, USA for Ph.D. programs, PG student and Faculty exchange programs.

∗ ***Programs available for colleges/students to choose from:***

All the above programs offered by the University are available to all students.

1.2.2 Give details of the following provisions with reference to academic flexibility

As the Medical Undergraduate and Postgraduate curricula are regulated the MCI, the University does not have much flexibility beyond what is mandated by the apex regulatory body.

a. Core options: Offered as per the norms of MCI

b. Elective options: Offered as per the norms of MCI

c. Bridge course: Done by medical education unit and department of kannada and culture to bridge learning gaps, language gap, communication skills and other skills required.

d. Enrichment courses: Fellowship, Diploma and Certificate courses as indicated in Table 1.1.

e. Credit accumulation and transfer facility: As per the norms of MCI

f. Courses offered in modular form: Paediatric Dermatology, Certificate course in OT technology

g. Lateral and vertical mobility within and across programs, courses and disciplines and between higher education Universities: As per the norms of MCI

h. Twinning programs: Not yet initiated

i. Dual degree programs: Not yet initiated

1.2.3 Does the University have an explicit policy and strategy for attracting students from

∗ **Other states:**

Admissions of the University courses are offered through All India Common Entrance Examination which is open to students from all the States. In the year 2015-

Table 1.2: Statewise UG and PG 2015

Sl.No.	State	No.of UG Students	No.of PG Student
1	Andra Pradesh	19	13
2	Bihar	2	1
3	Gujarat	1	4
4	Haryana	3	1
5	Jarkhand	1	Nill
7	Karnataka	72	41

8	Maharashtra	2	6
9	Manipur	2	1
10	Meghalaya	3	Nill
11	New Delhi	2	1
12	Punjab	1	Nill
13	Rajastan	4	Nill
14	Tamil Nadu	9	1
15	Telangana	18	Nill
16	Uttar Pradesh	2	1
17	West Bengal	4	Nill
18	Telangana	-	1
19	Odisha(Orissa)	-	1
Total	17 States	150 students	78 students

All other courses like Ph.D and Fellowship programs are also open to students across the Nation, subject to their meeting the requirements of the respective regulatory boards.

* **Socially and financially backward sections:**

Admissions to socially-backward sections of the society are encouraged based on their ranking in the entrance examinations. Eligibility citeria for SC/ST- For admission to undergraduate courses is 40% marks in qualifying examination .

10% of seats are generously given free to meritorious students of Bijapur district considered as a backward region by Government of Karnataka. This is a conscious decision of the Management towards satisfying its Institutional Social Responsibility (ISR).Further, these students are also given concessions in their hostel fees, which is another feature of the ISR of the Management.

* **International students:**

International students have a separate admission of 15 % quota under the NRI Scheme for Medical courses. For the year 2015 Undergraduate Course (MBBS) 1 student has taken admission.

All other courses like Ph D and Fellowship programs are also open to them subject to their meeting the requirements of the respective regulatory boards.

1.2.4 Does the University offer self-financing programs? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programs?

Yes; All programs of the University are self-financing (Please see Table 1.1 for details). Fee structure is decided by Fee Fixation Committee. The teachers qualifications are as per MCI norms. The faculty are paid scale as per 6th pay scale.

1.2.5 Has the University adopted the Choice Based Credit System (CBCS)? If yes, for how many programs? What efforts have been made by the University to encourage the introduction of CBCS in its affiliated colleges?

The University does not have the option for offering its programmes through the Choice Based Credit System (CBCS) as per the norms/mandate of the MCI. As ours is a Deemed University, there are no affiliated colleges.

1.2.6 What percentage of programs offered by the University follow:

* Annual system
* Semester system
* Trimester system

All the programs offered follow Medical Council of India guidelines of the Annual System.

1.2.7 How does the University promote multi/inter-disciplinary programs? Name a few programs and comment on their outcome*

The university encourages Multi/inter-disciplinary Ph.D.programs, especially undertaken through funded research projects.

a. Multidisciplinary:

Table 1.3.a: Multidisciplinary Programs

Sl No.	Programme	Collaborating Institutes	Year
1	Possible environmental pollution and health effects from fluoride in Bijapur district, Karnataka	**1. Department of Physiology, BLDE University, Bijapur** **2. School of environmental studies, Jadhavpur University, Calcutta** **3. Department of Civil Engineering, Dr P.G. Halkatti Engineering college, Bijapur, Karnataka**	2013-14
1.	Compositional analysis of urinary calculi by IR and Raman Spectroscopic techniques as aided by imaging and X-ray studies	1. Department of Physics, Karnataka University, Dharwad 2. Department of Urology, BLDE University	2014-15

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b. Interdisciplinary

Table 1.3.b: Interdisciplinary Programs			
Sl No.	**Programme**	**Departments**	**Year**
1	An evaluation of efficacy of commonly used first line drugs in terms of Intra – Ocular Pressure (IOP) and ocular perfusion pressure (OPP) and field of Vision in patients of primary open angle glaucoma (POAG) of North Karnataka	**1. Department of Pharmacology** **2. Department of Opthalmology** BLDE University.	2014

As these are ongoing projects, outcomes are awaited.

1.2.8 What programs are offered for practicing health professionals for skills training and career advancement?

There are many options made available for practicing health professionals to hone their skills and update knowledge.

- There are courses like fellowship in family medicine, Paediatric dermatology and Fellowship in endoscopic sinus surgery etc.
- The University's Scientific, Academic and Research Society (SARS) membership is open to them, through which they can attend regular scientific sessions at the institution and also receive the scientific publication "Analytica Medica."
- They are also invited to join several CMEs, Seminars and Conferences conducted in the University. The annual CMEs are focused mainly for facilitating the practicing health professionals to upgrade their knowledge and practice.
- They can access the library facilities of the Institution.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the University reviewed and upgraded for making it socially relevant and/or skill oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

The UG and PG Curricula are reviewed and revised once in every three years. All the programs offered being in the health sciences sector, are socially-relevant, skill- oriented, knowledge-intensive and meet the emerging needs of students and other stakeholders

1.3.2 During the last four years, how many new programs were introduced at the UG and PG levels? Give details.

* **Multi/inter-disciplinary**
* **Programs in emerging areas**

UG Level:

No new programs have been offered during the last four years.

Table 1.4a. PG Level: MD/MS		
Sl.No	**Name of the Discipline**	**Year of Introduction**
1.	Radiology	2011
2.	Biochemistry	2011
3.	Forensic Medicine and Toxicology	2011
4.	Pharmacology	2013

Table 1.4b. Superspecialty Level		
Sl.No	**Name of the Discipline**	**Year of Introduction**
1.	M.Ch. Urology	2011

Table 1.4 c. Ph.D. Programmes		
Sl.No	**Name of the Discipline**	**Year of Introduction**
1	Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Community Medicine, ENT and Pulmonary Medicine	2010-11
2	Pharmacology	2014-15

Table 1.4 d. Fellowship Programmes		
Sl.No	**Name of the Discipline**	**Year of Introduction**
1.	FESS (Functional Endoscopic Sinus Surgery)	2011

Table 1.4 e. Programmes in Emerging Areas		
Sl.No	**Name of the Discipline**	**Year of Introduction**
1.	Pediatric Dermatology: Fellowship	2010-11
2.	Micro Ear Surgery: Fellowship	2013-14

Table 1.4 f. Certificate and Fellowship programmes		
Sl.No	**Name of the Course**	**Year of Introduction**
1	Certificate Course in Histopathology	2013-14
2	Certificate Course in Embalming Techniques	2013-14
3	Certificate Course in Mortuary Techniques	2013-14

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Table 1.4g. Fellowship programmes		
Sl.No	**Name of the Course**	**Year of Introduction**
1	Fellowship in Micro Ear Surgery	2013-14
2	Fellowship in Cataract Surgery and Phacoemulsification	2014-15
3	Fellowship in Dermatopathology	2014-15
4	Fellowship in Geriatric Medicine	2014-15
5	Fellowship in Paediatric Urology	2014-15

1.3.3 What are the strategies adopted for the revision of the existing programs? What percentage of courses underwent a syllabus revision?

The strategies adopted for revision of existing programs are by incorporating -

- **Suggestions and guidelines of regulatory bodies like MCI and UGC.**
- **Feedback from all stakeholders**
- **National Health Program Objectives**
- **Recent trends in International Health Education and Research.**
- **Emerging health challenges and needs of the society.**

All Undergraduate and Postgraduate Medical programs underwent a curricular revision during in 2013. 33 % of programs underwent syllabus revision.

1.3.4 What are the value-added courses offered by the University and how does the University ensure that all students have access to them?

Ph D, Fellowship, Diploma and Certificate programs offered by the University are essentially value added programs. Wide publicity and open access to all students for admission to these value-added courses are ensured through transparent Admission procedures as publicized by the University on its website that is updated regularly. Advertisements are also given in both National and Local news papers preceeding the admission process.

1.3.5 Has the University introduced skills development programs in consonance with the national health programs?

Yes; The University's motto is to prepare the students to achieve core competencies and be ready to face the demands of the job successfully. Towards this, training programs offered, emphasize on developing multiple skills. Students are trained in communication skills, diagnostic skills and procedural skills. Along with this, they have mandatory training in Rural

and urban health Centres (at the Primary health centre level onwards) in consonance with the National Health Programs.

1.3.6 How does the University incorporate the aspects of overall personality development addressing physical, mental, emotional and spiritual well being of the student?

The students at the undergraduate and postgraduate levels are at a crucial juncture of their life/professional development and are in need of support, facilities and environment that allows their overall personality development. The lush green campus of the University and the goals and objectives of medical education offered by the Management provides ample facilities for:

- Indoor-Outdoor sports facilities, encouraging the students to participate in University and regional level sports events.
- Cultural festivals and competitions within and outside the campus.
- Well-equipped Gymnasium with trainers, separate for Men and Women.
- Self Defense classes for lady students
- Regular yoga camps
- Ample orientation and guidance (both formal and informal) to build an integrated personality

All these and the student-centric/student-friendly staff of the institution specially takes care of the overall development of the students through inculcation of tolerance to all faiths and providing physical, mental and emotional well being of the students.

1.3.7 Does the curriculum provide for adequate emphasis on patient safety, confidentiality, rights and education?

Yes; The curriculum amply provides for adequate emphasis on patient safety, confidentiality, rights and education. Students are sensitized on these issues regularly both, in their clinical teaching programs, research workshops and orientation programs. As these issues are emphasized throughout the course tenure, the graduating students acquire significant/adequate knowledge of them, to be practiced thereafter, both in their professional practice and further education.

1.3.8 Does the curriculum cover additional value systems?

Apart from skill development, the curriculum empirically inculcates additional/desirable value systems. Ours being a pluralistic society, students are made aware of different cultural and social ethos. Ethics, intellectual honesty, patient rights and such other values are reiterated and reemphasized at all levels of pre-clinical, clinical and internship learning.

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1.4 Feedback System

1.4.1 Does the University have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Yes. The University has a well planned formal mechanism to obtain feedback from students regarding the curriculum. Feedbacks are collected from the students once they pass a particular phase and also after completing their internship. The feedbacks thus collected are analysed by the IQAC, and suggestions are placed for discussion at departmental meetings BoS meetings. Appropriate suggestions are forwarded to the University for taking corrective measures during the next curricular revisions.

1.4.2 Does the University elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and their impact.

Yes. The University has a system of departmental mentors, who are professionals of national and international eminence in their respective fields of specialization. These mentors visit the respective departments regularly and interact with staff members and guide in curricular development.

Few members of the faculty are on boards of prestigious organizations like COPE, Editorial Boards of International journals and are visiting professors to foreign universities. The University gains immensely through their rich experience and interactions that they have with international faculty during meetings and conferences, which is made use of in enriching and adding value to the curricula.

1.4.3 Specify the mechanism through which affiliated colleges give feedback on curriculum and the extent to which it is made use of.

Not applicable as ours As a Deemed University and has no provision for affiliation.

1.4.4 Based on feedback, what are the quality sustenance and quality enhancement measures undertaken by the University in ensuring the effective development of the curricula?

The vision of the University is to build an academic environment that brings out competent and skilled Physicians and develop a University with significant focus on research in the field of health sciences. Towards these goals, based on the feedback, several measures of quality sustenance and quality enhancement mechanisms have been undertaken, such as:

The curriculum is revised and updated at regular intervals to keep it in tandem with the global trends in Health education. Issues relevant to local and regional needs are added and emphasized

- Regular feed backs from all the stake holders and incorporation of them in the subsequent revisions.
- Introduction of various new courses to meet the growing demand for specialized trained people through Fellowship and Certificate courses.
- Planning and implementing Faculty Training Programs, regular CMEs and Conferences both for updating of knowledge and acquire skills.

1.4..5 What mechanisms are adopted by the management of the University to obtain adequate information and feedback from faculty, students, patients, parents, industry, hospitals, general public, employers, alumni and interns, etc. and review the activities of the University?

The Management of the University continuously and tirelessly endeavors to bring its constituent college at par with the best in the field. The Management gets its inputs through various channels like Board of Management members Academic Council deliberations, Reports of BOS Meetings, Reports of Mentors of the department, feedbacks by students, Faculty appraisals and confidential reports. Informal interactions with visiting faculty, Parents and Members of Alumni association are done by the Management of the University. Feedback by Patients and Management Members on working of the hospital through the Medical Superintendent are taken in to consideration by the University.

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Criterion II:

Teaching-learning and evaluation

2.1 STUDENT ENROLMENT AND PROFILE:

2.1.1. How does the institution ensure publicity and transparency in the admission process?

Accountability and Transparency in admission process is through:

All admissions are through All India BLDE-UGET.

1. 85% of admissions on merit basis
2. 15% of seats for NRI quota are filled on merit basis.
3. Entrance test is conducted annually.

- Admission notification is published in leading National and Regional dailies and magazines
- Admission Notification is also hosted on the University Website www.bldeuniversity.ac.in
- The notification provides detailed information regarding number of programmes, intake, eligibility, process of admission and academic as well as support facilities.
- The Brochure (UG/PG) provides all the relevant academic, administrative and financial details related to admission process for the students. Every year, it is updated and posted on the University Website.
- Adequate time is given for submission of applications, documents and other admission processes.
- The entrance test is conducted in the following centers all over India

Table No.2.1.a:CENTRES	
UGET	Vijaypur, Hubballi, Mangaluru, Bengaluru, New Delhi, Trivandrum, Ranchi, Chennai, Kolkata, Mumbai, Hyderabad and Vijayawada.
PGET	Vijaypur, Bengaluru, New Delhi, Chennai, Kolkata, Mumbai and Hyderabad

- Counseling is conducted for meritorious students, thereby providing opportunity to students in the selection of the course.

Table No.2.1.b: Statistics of BLDE Entrance Test 2015-16				
Sl. No.	**Number of candidates applied**	**Number of candidates appeared**	**Number of absentees**	**% Attendance**
UGET – 2015				
1	2736	1993	738	72.84
PGET – 2015				
2	584	453	131	77.57

Ensures merit and transparency in admission process as under:

- University follows a well publicized academic calendar of events, giving last date for receipt of application, publication of merit list, selection list and last date fixed for admission based on availability of seats.
- Preparation of merit list and its notification is done through the University website and University Notice board.
- The selection is through an entrance test and personal counseling.
- Admissions are on merit basis.
- List of the selected candidates is displayed on the notice boards and posted on the University Website.
- The university follows admissions based on central counseling as per the preannounced schedule.
- Thus transparency is ensured from the stage of notification till the completion of the admission process.
- The computer evaluated OMR sheets along with key answers are uploaded on the website for the benefit of students.
- Similar process is in place for BLDEU-PGET

2.1.2. Explain in detail the process of admission put in place by the institution. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test, aptitude and interview, (iv)common entrance test conducted by state agencies and national agencies (v) any other criteria (specify).

Admission Policy:

The admission policy adopted by the University for Undergraduate, Post-graduate, Ph.D. and other programmes is in conformity to UGC & MCI.

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Admission to medical UG, PG & Ph.D. programmes is through All India BLDEU Entrance Test and merit.

The details of examination process are as maintianed in answer for 2.1.1

2.1.3. Provide details of admission process in the affiliated colleges and the University's role in monitoring the same.

Being a mono-faculty Deemed University with only a Medical College as constituent college, the admission process is as explained under 2.1.2.

2.1.4. Does the institution have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

Admission process is monitored by the Admission Committee and Board of Examinations of the University. The feedbacks obtained from the students and parents are analyzed and placed before the Admission Committee for further action. Entrance examination centers are relocated depending on the number of applications and students' requests. This has facilitated in encouraging students from far off places like the North East and has added diversity to the student profile.

2.1.5. What are the strategies adopted to increase / improve access for students belonging to the following categories:

* SC/ST/OBC: To increase access of students belonging to SC/ ST/OBC, their cut off percentage in qualifying examamination is lower i.e. 40%.
* Women: Female candidates are provided with equal opportunity in admissions and encouraged to join various programmes. Separate hostel facilities are available for women. The number of female candidates getting admission is increasing over the last few years.
* Persons with varied disabilities: Cut off percentage in qualifying exam is lower i.e. 45% for persons with disabilities in the qualifying exam. The rules relating admission process prescribed by statutory authorities (MCI) are adhered to.
* Economically weaker sections: Students belonging to economically weaker sections of the society are supported for their admission as applicable and as approved by the University authorities. Freeships, tuition fee waivers and support in availing bank loans are some of the facilities given.
* Outstanding achievers in sports and other extracurricular activities. The rules relating to the admission process are as prescribed by the statutory authorities and are also applicable to athletes and sports persons.

2.1.6. Number of students admitted in the institution in the last four academic years:

Categories	Table No. 2.2.a: Students admitted in the institution during four academic years(UG)									
	2011-12		2012-13		2013-14		2014-15		2015-16	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	1	1	1	-	0	1	-	-	0	1
ST	-	-	1	-	-	-	-	-	0	3
OBC	7	3	7	5	1	2	3	1	10	9
General	69	69	61	75	78	68	77	69	66	61
Others	-	-	-	-	-	-	-	-	0	0
Total	150		150		150		150		150	

Categories	Table No. 2.2.b: Students admitted in the institution during four academic years(PG)									
	2011-12		2012-13		2013-14		2014-15		2015-16	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	1	1	2	1	1	0	3	0	1	1
ST	0	0	0	1	0	0	0	0	0	0
OBC	5	5	7	2	2	2	12	6	9	2
General	26	20	29	50	37	23	35	19	37	28
Others	0	0	0	0	0	0	0	0	0	0
Total	58		57		65		75		78	

Categories	Table No. 2.2.c : Students admitted in the institution during four academic years(Ph.D)											
	2010-11		2011-12		2012-13		2013-14		2014-15		2015-16	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	-	-	-	-	-	-	-	-	-	-	-	-
ST	-	-	-	-	-	-	-	-	-	-	-	-
OBC	-	-	-	-	-	-	-	-	-	-	-	-
General	8	1	8	9	7	10	6	4	5	5	4	6
Others	-	-	-	-	-	-	-	-	-	-		
Total	09		17		17		10		10		10	

2.1.7. Has the university conducted any analysis of demand ratio for the various programs of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

Table No.2.3: Demand ratio

Sl. No	Program Category	Year 2015-16			Year 2014-15			Year 2013-14			Year 2012-13		
		No of applications	No of Admissions	Demand ratio	No of applications	No of Admissions	Demand ratio	No of applications	No of Admissions	Demand ratio	No of applications	No of Admissions	Demand ratio
1	UG	2736	150	1:18	2760	150	1:18	2027	150	1:13	2042	150	1:13
2	PG	584	78	1:7	840	95	1:9	707	78	1:9	894	57	1:15

- Trends of Admissions: UG- Increasing over the years due to the brand image of University has built for itself.
- Trends of Admissions: PG – Also increasing because of the increased number of PG seats sanctioned and recognized by the authorities.

2.1.8. Were any programs discontinued / staggered by the institution in the last four years? If yes, specify the reasons.

No.

2.2. CATERING TO STUDENT DIVERSITY:

2.2.1. Does the institution organize orientation / induction program for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

The students admitted to UG, PG and Ph.D. programmes come from varying backgrounds and locations from all over India. Often, it has been observed that these students need: Orientation programmes, Special language skills and Communication skills, as they may have to interact with regional population of patients and other stakeholders.

Orientation programmes for UGs and parents – *Suswagatam*. The senior faculty, administrators and student counselors are involved in the conduct of this programme. Newly admitted students along with their parents attend the program. Issues covered in this program are:

- Introduction to the University and College
- Disciplinary behavior expected from students

- Mentorship program of the University
- Examination pattern
- Library facilities available
- Hostel facilities and regulations
- Student support facilities
- Anti- ragging codes adopted in the campus

This is followed by short term programme for enhancing language and communication skills, particularly for UG students.

Orientation program for PGs, Internees and for Ph.D. students: These are conducted at the beginning of the training period.

These orientation programs cover the basics in research methodology, literature search, preparation of synopsis, journal critiquing and biostatistics, Medical ethics, code of conduct for physicians, ethical issues in bio-medical research, rational drug therapy and such others.

These programs also sensitize the students regarding facilities and services available in the institution.

2.2.2 Does the institution have a mechanism through which the "differential requirements of the student population" are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

Yes; Orientation programmes and bridge courses are conducted which provide opportunity to analyze the differential requirements of the students as well as to address key issues of concern.

2.2.3 How does the institution identify and respond to the learning needs of advanced and slow learners?

The following strategies have been adopted by the departments to facilitate the learning process for slow and advanced learners.

Strategies for Slow learners:

a) Monitoring of day-to-day academic activities and students' performance in formative assessment examination.

b) Remedial /extra classes & revision in practicals.

c) Home assignments, to improve answering long and short answers, in the form of questions from question bank.

d) Interaction with advanced learners.

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e) Encouragement to participate in co-curricular and extra-curricular activities.

Strategies for Advanced learners:

a) Provision of information about additional learning sources –internet surfing, review of articles, reports, reference books etc.

b) Students' seminars on selected /advanced topics.

c) Participation in students' projects supported by ICMR and the University.

d) Students are motivated to participate in quiz and debate competitions at State and National levels.

e) Students are encouraged and supported to present research findings at Regional and State level Conferences.

f) Motivating and supporting PG students in research publications along with faculty.

2.2.4. Does the institution offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Yes; Two-step Bridge courses for UG students are conducted.

- **Bridge course–1:** For 1st term MBBS students, spanning over 6 weeks. Students are taught Kannada (for Non-Karnataka students), Indian Constitution and Ethics along with regular subjects.
- **Bridge course - 2**: For 3rd term MBBS students, for one day, to equip the students with knowledge of bedside etiquettes and ethics.

2.2.5 Has the institution conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, differently-abled, etc.? If yes, what are the main findings?

Yes. Many students of the institution belonging to the disadvantaged sections of society, economically disadvantaged and differently-abled have grown academically and are well placed, both within and outside the country.

2.2.6 Is there a provision to teach the local language to students from other states/countries?

Yes; the Department of Kannada and Culture teaches local language to the students from other States/ Countries. Twenty-hour dedicated programme with special emphasis on communication skills while interacting with patients is also conducted on a regular basis.

2.2.7 What are the institution's efforts to teach the students moral and ethical values and their citizenship roles?

- The institution believes in inculcating moral and ethical values in students. These are covered in Bridge course-2 along with clinical classes.
- NSS programme, which the University periodically organizes, helps in building such values among the student community.
- PG students are taught about these issues during the Orientation programs.

2.2.8 Describe details of orientation/ foundation courses which sensitize students to national integration, Constitution of India, art and culture, empathy, women's empowerment, etc.

The undergraduate students are exposed to Indian Constitution through a 20 hours teaching programme. Women Empowerment Committee periodically conducts awareness programmes for female students and staff, to sensitize them on gender issues.

Independence Day, Republic Day and other days of national importance are observed, which contributes to the sensitization of the student community to nationalism and patriotism. Quizzes, skits and other means are encouraged during cultural festivals, where competitions are arranged, They bring out the knowledge and awareness among the students. Socially relevant themes are selected. For instance, HIV disease and prevention, Female feticide, Save the girl child, Hazards of tobacco and such others.

2.2.9 Has the institution incorporated the principles of Life Style Modifications for students based on Eastern approaches in their day-to-day activities?

The faculty and mentors emphasize the need of life style modifications for students. The Institution has provided excellent facilities for indoor and outdoor games, gymnasium with an instructor, yoga classes and such others.

The Institution encourages the celebration of different festivals to keep our students in touch with the rich cultural heritage and traditional values of India.

The Institution discourages fast food and junk food in the campus and wholesome, nutritious food is the hallmark of hostel messes and hospital canteen

The Institution and faculty do not interfere with the religious practices

of the students, but they do encourage and talk to the students about the immense positive effects of spirituality on their day to day lives as well as their academic performance.

2.2.10 Has Yoga / Meditation / any other such techniques been practiced by students regularly as self-discipline?

Yoga camps are organized periodically and students do participate. Also, well-equipped gyms are available for boys and girls in the campus. Self defence classes are conducted for female students and staff,with batches of two months each regularly.

2.2.11 How does the institution attend to the diverse health issues (physical and mental) of students and staff?

The institution being a medical college, free healthcare facilities are provided to staff and students. Staff members are also covered under ESIC norms.

The Mentor-ward system also looks after the emotional and psychological issues of students. If the mentor feels that some additional expert counseling is needed, help from the qualified psychiatrist is sought.

2.2.12 Does the institution cater to the needs of groups / individuals requiring special attention by conducting group classes / special individual trainings / focused group discussion / additional training measures etc.?

Individual departments conduct additional classes and remedial classes for individual students as well as for specific groups of students.

2.3 TEACHING-LEARNING PROCESS

The teaching and learning process of various academic programmes are based on the objectives of the course and the competencies required to be gained by the students at the end of the course. The major components of all these courses include:

- Theoretical knowledge,
- Practical skills/clinical skills,
- Attitude including communication skills and patient care.

Additional programmes for PG students:

- Dissertation
- Training in research methodology
- Postings at Higher Centers of Learning

2.3.1 How does the institution plan and organize the teaching-learning and evaluation schedules? (such as: Academic calendar, Master plan, Teaching plan, Rotation plan, Course plan, Unit plan, Evaluation blue print, Outpatient teaching, In-patient teaching, Clinical teaching in other sites, Teaching in the community, etc.)

* Academic calendar: Academic calendar is prepared at the beginning of each semester
* Master Plan: Term-wise/Phase-wise Master time table is prepared and circulated to all the concerned departments
* Teaching plan: Each department prepares teaching plan and Curriculum as per the norms of statutory regulatory authority (M.C.I) and displays them on the respective notice-boards.
* The eligibility criteria for University examinations e.g. percentage of attendance and internal assessment marks, number of internal assessment tests etc. are communicated to the students. Thus, the method of continuous comprehensive evaluation has been effectively adopted by the University
* Rotation Plan: As per statutory requirements, Phase wise rotation of MBBS students is done to different departments. .This is planned at the beginning of the term and executed effectively as per the MCI norms. Similarly, the post graduate programs are also planned and the students are rotated as per the curricular needs. Overall, this rotation of the students within and outside the institution addresses the curricular needs and ensures adequate exposure at different levels, so as to achieve reasonable competency in various aspects of their specialty subject.
* Course Plan:

  The course plan is as per the followed curriculum of each program. All the components of curriculum are covered in the course plan systematically and grade wise and announced at the beginning of the course and adhered to.
* Unit Plan: Unit-wise teaching plan is prepared by the different units in the clinical departments and the time table is executed accordingly.
* Evaluation Blue Print: The evaluation methodology is pre-specified and announced at the beginning of the course. This blue print is executed appropriately as per schedule. Summative assessment is also as per norms.
* Inpatient and Outpatient teaching: It is planned by individual clinical departments. The teaching schedule is prepared well in advance and implemented appropriately. The students are exposed to inpatient and

outpatient managements of all the departments, rotation wise. Each batch is sub divided into sub groups unit wise.

* Clinical Teaching in other sites & Teaching in the Community: Department of Community Medicine prepares schedule for teaching, postings to RHS/ UHC, community services and camps. Undergraduate students and Internees attend various health checkup camps and assist the senior doctors. Postgraduate students are part of the serving teams at the community level and manage the patients under supervision.

2.3.2 Does the institution provides course objectives, outlines and schedules at the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes. The curriculum which is notified is always available on the website of the University. The course content in the curriculum has well defined goals, course objectives and competency statements along with details of required attitudinal and practical skills. These are communicated to the students in orientation programs and printed booklets are made available. The effectiveness of the process is ensured through discussions in the departmental meetings regularly along with meetings with Heads of the Departments. Any lapses and delays are addressed. Feedback taken from teachers and students is also utilized. Regular assessment of the students and their progress is another way in which effectiveness is measured.

2.3.3. Does the institution face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

Yes; The lesson plan and academic calendars are meticulously prepared, taking into consideration of time frame and examination schedules. The institution has so far not faced any major difficulty in completing the syllabus.

2.3.4. How learning is made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

- The learning process is entirely student-centric. The students are assigned tutorials, project works, seminars and such other activities.
- The interactive and participatory learning is encouraged through seminars, quiz programmes, project work by referring database on internet and other library e-resources

- The University encourages the students by arranging for lectures through the bridge course on life skills e.g. psychosocial skills, problem solving skills, interpersonal relationship and communication, bedside manner and ethics.
- The students are motivated to take part in various co-curricular and extracurricular activities, youth festivals, workshops, project work, and health camps.
- Such activities contribute to self-management/ knowledge development, skill formation in the students and provide requisite platform to the student to become confident and self-reliant.
- NSS camps organized periodically, help the students to understand the problems of community and in their holistic development.

2.3.5. What is the institution's policy on inviting experts / people of eminence to augment teaching-learning activities?

Scientific and Academic Research Society (SARS) of the institution, regularly invites eminent speakers to deliver Guest Lecturers on recent developments in the field of healthcare, medical education, research etc. Also, individual departments invite eminent speakers and experts in various fields to deliver guest lectures. Such activities are organized regularly are attended by both, PG and UG students as well as faculty members.

Table 2.4. GUEST LECTURES ORGNISED BY BLDE UNIVERSITY 2008-2014

Sl. No.	Title	Guest Speaker	Date	Conducted by
		2008		
1	"Medical posting" at orientation programme	Dr. L.S.Patil, Prof. Department of Medicine, BLDEU's SBMPMCH & RC, Bijapur	5th April 2008	Department of Medical Education,
2	Use of common A/V Aids" at orientation programme,	Dr. A.P.Ambali Prof of Medicine, BLDEU's SBMPMCH & RC, Bijapur	23rd August 2008	Department of Medical Education,
		2009		
1	Interventional Cardiology - An overview	By Dr.Rizwan Ul. Haque Consultant Interventional Cardiologist Yashodhara Hospital, Solapur	20th June 2009	Department of Medicine

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2	Management of DVT	Dr.Shivappa B.Anurshetru. Consultant Cardio Thoracic Vascular Surgeon KLE's Prabhakar Kore Hospital,Belgaum	27th June 2009	Department of Medicine
3	Overview of Cancer pain management	Dr. Ghedoo R. P, Senior Consultant, Tata Memorial Hospital, Mumbai	9th August 2009	Department of Anaesthesiology
4	Newer avenues of Propofol	Dr. Ghedoo R. P, Senior Consultant, Tata Memorial Hospital, Mumbai	9th August 2009	Department of Anaesthesiology
5	"Use of AV Aids", .at orientation programme,	Dr. A.P.Ambali Prof of Medicine, BLDEU's SBMPMCH & RC, Bijapur	12th to 14th August 2009	Department of Medical Education
6	Granuloma : Clinico-pathological correlation	Dr.Manjunath Shenoy, Professor, Dept.of Dermatology, Venerology and Leprosy, K.S.Hegde Medical College, Mangalore	31st Oct 2009	Department of Dermatology, Venereology and Leprosy,
7	Psycho dermatology	Dr.S.P.Chaukimath, Professor and Head, BLDEU's SBMPMCH & RC, Bijapur	21st Nov 2009	Department of Dermatology, Venereology and Leprosy
2010				
1	Eye donation & Keratoplasty	Dr. Vasudendra	19th March 2010	Dept. of Opthalmology
2	Deformities of hands and feet with radiological changes in leprosy	Dr.Balachandra Ankad, Asst.Professor, Dept. of Dermatology, S.N.Medical College, Bagalkot	17th April 2010	Department of Dermatology, Venereology and Leprosy,
3	Effective use of visual Aids" at Orientation programme of postgraduates,	Dr. A.P.Ambali Prof of Medicine, BLDEU's SBMPMCH & RC, Bijapur	12th August 2010	Department of Medical Education
4	Diabetes Mellitus	Rtn. Dr. S.B.Patil (Satti) Senior Consultant Physician Former Professor and HOD, Medicine.	03rd November 2010	Department of Medicine

2011				
1.	Effective Use of Audio Visual aids at Workshop for Junior staff	Dr. A.P.Ambali Prof of Medicine, BLDEU's SBMPMCH & RC, Bijapur	11th January 2011	Department of Medical Education,
2.	Book release by Vasanth Kulkarni	Dr Vasanth Kulkarni BLDEU's SBMPMCH & RC, Bijapur	25-Feb-11	Department of Medicine
3.	Pharmacovigilance : Objectives & Significances	Dr. S.S. Patil Assitt. Prof, of Pharamacology, BLDEU's SBMPMCH & RC, Bijapur	26th Feb 2011	Department of Pharamacology
4.	Glaucoma	Dr. Deepak Megur, Consultant Ophthalmologist, Megur Eye Hospital, Bidar	23rd April 2011	Department of Ophthalmology
5.	Approach to Dissociative Disorders	Dr.Sridhar.M.S. Professor, Dept of Medicine, S.V.Medical College,Tirupati	05th May 2011	Department of Medicine,
6.	1. Poison Control Centre 2. Beside Diagnosis of common poisons 3. Toxidromic approach tothe management of poisoning	Dr. V.V.Pillay, Chief Poison Control Centre & Head of the department of Analytical Toxicology from Amritha Institute of Medical Sciences, Cochin, Kerala	18th July 2011	Department of Forensic Medicine
7.	Effective Use of Power Point on Post Graduate Orientation Programme	Dr. A.P.Ambali Prof of Medicine, BLDEU's SBMPMCH & RC, Bijapur	19th August 2011	Department of Medical Education BLDE University.
8.	Technique, pitfalls and complications of management of cholesteatoma	Dr. Mallikarjun Reddy, Prof. & HOD ENT, M.R.Medical College, Gulbaraga	05th September 2011	Department of ENT
9.	Eye donation & Eye banking	Dr. R K Dandur, Professor & Head, Dept. of Opthalmology, KLEU's JN Medical College, Belgaum.	27th September 2011	Department of Opthalmology

2012				
1.	"The Social Enviornment and Child-Hood Obesity"	Dr. Solveig Cunningham, Asst. Prof. Emory University	16th January 2012	Scientific and Research Society of Shri B.M.Patil Medical College
2.	Test of Hemostasis	Dr. Anirudha Kustagi Asst. Prof Pathology, BLDEU's SBMPMCH&RC, Bijapur	15th February 2012	Department of Physiology
3.	In vitro Fertilization	Dr. Subhas Mudannur Asst. Prof of OBGY, BLDEU's SBMPMCH & RC, Bijapur	17th February 2012	Department of Physiology
4.	Principles of USG, Echo, MRI Scan and CT Scan	DR. Rudhersh, Asst. Prof, Department of Radiology, BLDEU's SBMPMCH & RC, Bijapur	17th February 2012	Department of Physiology
5.	Recent Advances in Contraception	Dr. Jayashree Aliwal Asstt. Prof, Dept. of OBGY, BLDEU's SBMPMCH & RC, Bijapur	24th February 2012	Department of Physiology
6.	Elder Abuse	Geriatic Clinic, Department of Medicine	15-Jun-12	Department of Medicine
7.	Nano-Medicine: New future for life	Dr. Prakash V.Diwan	30th June 2012	Scientific and Research Society of Shri B.M.Patil Medical College
8.	Recent advances in paediatric anaesthesia'.	Dr. Ravindra .U.S Prof & HOD, Dept. of Anaesthesilogy, K.S.Hegade Institure of Medical Science, Mangalore.	21st & 22nd September 2012	Department of Anaesthesiology
9.	Citizens on Alzheimer's disease to commemorate World Alzheimer's Day 2012	Dr. Santosh L Associate Professor in Department of Psychiatry at NIMHANS, Bangalore.	29th September 2012	Dept of Medicine
10.	Recent advances in the diagnosis of tuberculosis	Dr. Saritha Kothadia, Former Professor and Head, Department of Microbiology, V.M.Medical College, Solapur.	06th October 2012	Department of Microbiology

11.	"Geriatric Care- role of Young Doctors"	Dr. O.P.Sharma National Prof. of Geriatrics	16th October 2012	Department of Medicine
12.	Targeted Therapy in Hematology and Advances in Hematology	Dr. Girish Balikai, Consultant Oncologist, South End University, Hospital, Essex, UK	12th December 2012	Department of Medicine
13.	Diabetic up date	Dr. Gopika Gangupantula, Diabetologist and Family Pratice, California	19th December 2012	Department of Medicine
14.	Need for updating and having of skills to reduce complications to the patients	Dr. Lakshman K, Consultant GI & Laparoscopic Surgeon, Bangalore.	23rd December 2012	Department of Surgery
15.	Acute Aortic Syndromes, Imaging & Pitfalls	Dr. Dinesh Chinchure, Consultant, KTP Hospital, Singapore.	28th December 2012	Department of Radiology
		2013		
1	Retinopathy of prematurity	Dr. Anand Vinekar, Pediatric Vitreoretinal Surgeon from Narayan Netharalya Bangalore.	14th February 2013	Department of Pediatrics
2	An overview of Inborn errors of metabolism	Dr. Mahesh Kamate, JNMC, Belgaum.	23rd February 2013	Scientific and Research Society & Department of Biochemistry
3	X-Ray & CT Scan reading for Staff members and Postgraduate students	1. Pradeep .S. Sonalkar 2. Praveen Mundaganur Asstt. Prof Dept. of Radiology, BLDEU's SBMPMCH &RC, Bijapur	16th March 2013	Department of Surgery
4	Head Injury : An overview (Head Injury Awareness Day)	1. Dr. Siddu Sonnad M.Ch(Neurosurgery) Conslultant Neuro Surgeon Sanjeevini Hospital, Bijapur	20th March 2013	Department of Surgery
5	Strategies To Manage Head Injuries at district Level A Non Medical : Open ended discussion.	2. Dr. Prashant Katkol M.Ch(Neuro Surgery) Conslutant Neuro Surgeron, Health City, Bijapur.	21st March 2013	Department of Surgery
6	APH – Recent advances	Dr. Girija Wagh, Prof. of OBG, Bharati Vidya Peeth, Pune	21st March 2013	Department of OBGY

7	Facial Melanosis	Dr. Chetan Oberoi Senior Consutant Dermatologist, Breech Candy Hospital, Mumbai	07th April 2013	Department of Dermatology, Venereology and Leprosy
8	Nikolsky's sign	Dr. Sacchidananda S (Former Registrar, COE, RGUHS Bangalore) Prof. and Head Dept. of Dermatology, STD and Leprosy Bangalore Medical College Hospital and Research Institute Bangalore.	8th April 2013	Department of Dermatology, Benereology and Leprosy
9	Current Concepts in Fetal Medicine	Dr. Krishna C, Department of Fetal medicine and Radiotherapy, Manipal Hospital, Bangalore	15th April 2013	Department of OBGY
10	Chronic Simple Glaucoma	Dr Rekha Mudhol	16th April 2013	Department of Ophthalmology
11	Pallivate Care	Dr. Naveen .S. Salins, Palliative Physician Bangalore Institute of Oncology HCG, Bangalore.	19th April 2013	Scientific and Research Society of Shri B.M.Patil Medical College
12	Fibroid Uterus	Dr. S. Sandhyarani, Professor of OBG, Osmania Medical College, Hyderabad	25th April 2013	Department of OBGY
13	An introduction and approach to shock	Dr. Sayyid Hannan (IFEM GWU) Emergency Physician, Yenapoya Medical College, Mangalore	24th June 2013	Scientific and Research Society of Shri B.M.Patil Medical College
14	Live lighter, Live longer…!	Dr. Smitha Chakote, Professor and Head, Dr. V. M. Medical College, Sholapur	30th June 2013	Department of Dermatology, Venereology and Leprosy
15	Surgical management of Vitiligo	Dr. Swapnil Shah, Consultant Dermatologist and Laser Specialist, Sholapur	30th June 2013	Department of Dermatology, Venereology and Leprosy
16	Tissue Diagnosis (FNAC BIOPSY-IHC)	Dr.R.M Potekar Prof ,Department of Pathology, BLDEU's SBMPMCH & RC, Bijapur	04th July 2013	Department of Surgery

17	1. Update on Pathology of G.I.T Tumours with Focus on Role of Molecular Pathology 2. Endoscopic Ultrasound Cytology in GIT Tumours	Dr. Rahul Hejamadi Consultant Histopathologist, University Hospitals, Birmingham	22nd August 2013	Department of Pathology
18	Orthopaedic Oncology	Dr. Srinivas.C.H Consultant Orthopaedic Oncosurgeon, B.G.S Global Hospital Bangalore	13th September 2013	Scientific and Research Society & Department of Orthopeadics
19	Acute & Chronic Pain Management"	Dr.Basavaraj Patil Asstt. Professor of Anaesthesiology	19th Sept 2013	Department of Surgery
20	Fractures of Proximal Tibia	Dr. Raj Gopalan Prof & HOD of Orthopaedics Raj Rajeshwari Medical College, Bangalore	21st September 2013	Department of Orthopeadics
21	Spondylolysthesis	Dr. Mallikarjun Swamy Prof. of Orthopaedics & Head Spine Unit, St. Jhon's Medical College, Bangalore.	22nd September 2013	Department of Orthopeadics
22	Bowel & Mesentric Injury : How not to miss	Dr. Dinesh Chinchure, FRCR (Radiologist) Consultant, KTP Hospital, Singapore.	09th November 2013	Department of Surgery in collabration with department of Radiology
23	Role of Social determinanta of Health in emerging adolescent Obesity	Dr. Solveig Cunningham, Prof. in Department of Global Health, Emory University	04th December 2013	BLDE University - Emory University (Atlanta, USA) collaborative research project
25	Laparoscopic pelvic anatomy-TAPP (Video presentation)	Dr.Hemanth Kumar.M.	14th December 2013	Department of Surgery
26	My Experience with Wipples procedure	Dr.P.A.Sasnur	15th December 2013	Department of Surgery
27	"F" Factor for Doctor	Dr.D.R.Chavan	16th December 2013	Department of Surgery
28	"Conceiving Research Question"	Dr.M.B.Bellad, Prof. of OBG , KLE University Belgaum.	30th December 2013	Department of OBGY

2014				
1.	"History and Evolution of Obstetric Forceps"	Dr. (Capt) J.Shankar, Prof. of OBGy, VIMS Bellary	20-Jan-14	Department of OBGY
2	Hemophilia - an Update	Dr. Suresh Hangavadi, Professor of Pathology, JJMC, Davangere. President, Karnataka Hemophilia Society.	22nd Feb 2014	Department of Medicine
3.	PCOS- Newer Modalities of treatment	Dr. Milind Shah, Professor, Dept of OBGy, V. M. Medical College, Sholapur.	25-Mar-14	Department of OBGY
4.	"Role of DHEA in improving Ovarian Reserve in Poor responders"	Dr Shailesh. Gokavi MRMC Gulbarga	17th May 2014	Department of OBGY
5.	World Elder Abuse Awareness Day	Shri S.K.Hakki, Advocate Legal Advisor and Admission committee Member of BLDE University.	14th June 2014	Department of Medicine
6.	Sterilization & Disinfection	Dr. Rashmi. M. Karigoudar	21st June 2014	Department of Surgery
7.	Thrombophiliasis in Pregnancy	Dr. Kurudarkar D. V. Professor & Head, Dept. of OBG, Govt. Med College, Latur	17th July 2014	Department of OBG
8.	Carcinoma Rectum	Dr. Kumar Vinchurkar, Consultant Surgical Oncologist, KLE's Dr. Prabhakar Kore Hospital, Belgaum	19th July 2014	Department of Surgery in collaboration with ASI-KSC, Bijapur
9.	Breast conservation Surgery	Dr. Kumar Vinchurkar, Consultant Surgical Oncologist, KLE's Dr. Prabhakar Kore Hospital, Belgaum	19th July 2014	Department of Surgery in collaboration with ASI-KSC, Bijapur
10.	Regional Anaesthesia	Dr. Mahindra Kalashetty, Asst. Professor, Dept. of Anaesthesiology.	23-Aug-14	Department of Surgery

11.	Recent Advances in Perinatology	Dr Pradeep Suryavanshi. Neonatologist. Bharati Vidyapeeth Pune	6-Sep-14	Department of Paediatrics
12.	Pharmacovigilance - Its Need, Objectives, Methodology & Problems	Dr. S. P. Dhaneria, DM, DNB, Dean, AIIMS, Raipur,	15-Sep-14	Department of Pharmacology
13.	An Overveiw of Clinical Trials	Dr. S. P. Dhaneria, DM, DNB, Dean, AIIMS, Raipur,	16-Sep-14	Department of Pharmacology
14.	Dementia	Dr. Anand Ambali l, Professor of Medicine	20th September 2014	Geriatric Clinic in Association with Dept. of Psychiatry
15.	Reconstructive Surgery in Hansen's disease	Dr. B. C. Patil, Professor of Orthopaedics, M. R. Medical College, Gulbarga	18th October 2014	Department of Orthopaedics
16.	Clinical Forensic Medicine	Dr. Indrajeet Khandekar, MGIMS, Wardha	18th November 2014	Department of Forensic Medicine
17.	Guest Lecture	Dept of Anaesthesiology	22-Nov-14	Dept of Anaesthesiology
18.	Epilepsy Social aspects	Dr.R.P.Joshi CGHS Hospital Bangalore	27-12-2014	SARS
2015				
1.	Clinical Research: Past,Present & Future	Dr.V.M.Motghare Prof & HOD , Pharmacology, GMC Nagapur	16-03-2015	SARS
2.	Raised Intracranial pressure in Clinical practice: Patho Physiology and Management	Dr.Karthik.K Neuro Surgeon Apollo Hospital Bangalore.	28-03-2015	SARS

2.3.6 Does the institution formally encourage learning by using e-learning resources?

Yes, the Institution actively encourages usage of e-learning resources. Being an institution of medical science, face to face classroom teaching and hands on training for practical/dissection (cadaver)/clinic are the mainstay of the teaching processes. However, the ICT-enabled teaching and e-learning resources are well integrated into the teaching-learning activities.

2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning and open educational resources used by the faculty for effective teaching?

ICT is being used as teaching learning tool and its up-gradation is a continuous process. The IT unit of the university looks after the ICT issues

of the institution. The Institute provides:

- Digital Library with state of art facilities, housing 40 computer systems, is available for staff and students.
- Access to HELINET (Health Science Library and Information Network). HELINET consortia resources: 3835 e-Books, 297 e-Journal and 35 e-Clinics
- Links to Open Access Resources Directory and Institutional Repository and other educational resources through the University website.
- Video-conferencing facilities.
- Besides the above, following are the e-resources accessible at the Central Library:
- Open Access Resources: 192 links.
- Institutional Repository: 535 links
- Research publications (by faculty): 112
- Dissertations, all issues of In-House Journal –Analytica Medica, study material from Medical Education Dept.
- Subscribed e-Resources: e-Books/Journals
- A/V resources: 170
- The University has set-up a Skills Lab oatory to train and enhance surgical & clinical skills. It has been equipped with different types of Mannequins, Simulators, Models and Modules. A Standing Committee monitors functioning of the Skills Lab and publishes the Calendar of Events.Workshops and training sessions are regular features of it.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the institution's educational processes?

Scientific and Academic Research Society–Scientific platform of the institution SARS, Department of Medical Education and the Skills Laboratory monitor such trends and disseminate the knowledge to other faculty members.

2.3.9 What steps has the institution taken to transition from traditional classrooms into an e-learning environment?

- The following facilities at the institution help create an e-learning environment.
- Wi-Fi at Central Library and hostels

- 20 mbps lease line and internet access at every department
- Online Public Access Catalogue(OPAC), A/V facility at Central Library
- Referral services, information deployment through email
- Video conferencing facility
- Smart classrooms and smart boards

Being a health science institution, traditional classroom teaching is still in practice here.However, the number of didactic lectures has been reduced to 1/3rd of total teaching hours as per the guidelines of the statutory regulatory authority (MCI). The classrooms have been equipped with 'smart board systems' for better delivery of lectures. Institutional website provides link to various open source communities for e-learning. Many power point presentations are uploaded by the faculty on the institution website that can be accessed by the students. Digital library, e-resources at Library and video-conferencing facilitate in e-learning. Connecting entire campus facilities through fiber optic cable is in process at a cost of Rs 75 lakhs.

2.3.10 Is there provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have been benefitted.

Yes.

- To address the need of a counselor/ mentor/advisor to the students, the university has introduced the 'Mentor-Ward system'.
- The students are divided into groups and each group provided with a teacher as a tutor/mentor-as a part of the 'Mentor-ward' system. The mentor acts as a friend, philosopher and guide for the students till the completion of the course.

2.3.11 Were any innovative teaching approaches/methods/practices adopted and implemented by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

Yes.

Academic innovations adopted are:

- Mentor-Ward system

- Displaying motivational texts on departmental notice boards
- Regular student seminars with power point presentations
- OSPE/OSCE
- Student feedback system (Analyzed and acted upon)
- Mind mapping
- Microteaching

It is the University's policy to encourage the teachers in their efforts made towards innovative teaching. Their efforts are recognized by deputing them to attend various workshops related to medical education with expenses borne by the University.

2.3.12 How does the institution create a culture of instilling and nurturing creativity and scientific temper among the learners?

Students, particularly UG students, are encouraged and supported to participate in CMEs/Conferences/Workshops and present papers and posters.

Paper presentations by UG Students - 37

Paper presentations by PG Students – 138

This helps to nurture the scientific temper among them. The university organizes Annual Day' in which various competitions are held to bring out the creativity of students.

2.3.13 Does the institution consider student projects mandatory in the learning program? If yes, for how many programs have they been (percentage of total) made mandatory?

* number of projects executed within the institution
* names of external institutions for student project work
* role of faculty in facilitating such projects

Postgraduate projects are mandatory

- The percentage is one hundred percent for postgraduate students, as student projects are mandatory for all PG programmes.
- Undergraduate projects are not mandatory. Undergraduate students are encouraged and supported by the institution and external agencies (ICMR) as well.

Table 2.5.a Student Projects			
Sl. No.	No. of UG Projects		No. of PG Projects
	ICMR funded	University funded	
1	80	91	123

Table 2.5.b Student Projects- Year Wise		
Year	ICMR	BLDEU
2008	01	01
2009	-	02
2010	08	03
2011	14	21
2012	15	19
2013	22	28
2014	14	17
2015	06	01

The faculty guides the students to properly execute and document the project.

2.3.14 Does the institution have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

Yes;The institution has a large pool of well qualified staff to meet the requirements of curriculum. The Institution has a low attrition rate. The Institution does not have any shortfall of human resources as of now. In fact , the University has surplus staff.

2.3.15 How are the faculty enabled to prepare computer-aided teaching / learning materials? What are the facilities available in the institution for such efforts?

Faculty members are actively engaged in preparing computer-aided teaching–learning materials, use of LCD projectors, 'Smart Panels' and video conferencing facilities.

Periodical workshops are organized to train and up-date the faculty members in the usage of e-resources. The IT Department of the Sponsoring Society

supports in the establishment of IT-infrastructure, procurement of ICT equipments and setup facilities.

2.3.16. Does the institution have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

Yes. The institution has a mechanism for evaluation of teachers by students. The feedback from students is obtained and analyzed. The outcome of the analysis is communicated to the individual teachers for encouragement and improvement.

2.3.17. Does the institution use telemedicine facilities for teaching-learning processes? If yes, cite a few instances.

At present, Institution has video conference facility with its PHCs. In due course of time, telemedicine facility shall also be adopted. Webinars from other institutions are relayed through video conferencing facility. One such webinar on "E-learning in medical education" was streamed on 4th April 2014 for the faculty members.

2.3.18. Does the institution utilize any of the following innovations in its Teaching-Learning processes?

* **ICT enabled flexible teaching system:**

- The faculty members upload learning material on the University website.
- Students are made aware of useful websites /search engines in various disciplines.

* Reflective learning: Mortality meetings conducted regularly in clinical departments help in reflective learning.
* Simulations: Well-equipped skills lab has been established in the institution. It facilitates learning and hands-on training of Internees and Postgraduates for clinical skills/procedures on mannequins / simulators /modules.
* Self directed active learning system: Students are made aware of reference books, journals & e-resources. They are encouraged to participate in Seminars, Quiz competitions and workshops on Literature Search.
* Evidence Based Medicine: Evidence based medicine is taught in UG and PG teaching and training, particularly in clinical subjects during bedside teaching. Journal club and Clinico-Pathological correlaton are exclusively devoted for this.

* Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine is given in all possible forms e.g. lectures, tutorials, practicals, outpatient teaching, hospital teaching, clinical teaching and orientation programmes for internees and postgraduates and bridge -courses for the undergraduates.

* Problem Based Learning (PBL): During pre- and para-clinical phases applied aspects of the subjects are taught, whereas during clinical postings and semesters, subjects are taught with clinical problems followed by discussions.

* Student Assisted Teaching (SAT): Fast learners assist slow learners in the teaching-learning process. In PG programmes, various clinical skills and bedside etiquettes are taught by senior students to the juniors.

* Self Directed Learning and skills development (SDL): Students, through the Mentor-Ward system, are encouraged and coached in regard of use of reference books, journals, databases, search engines etc. They are encouraged to participate in seminars and quiz competitions,to do some background research and apply for short term research projects. Workshops on Learning Styles and Skills also arm them with knowledge about strategic SDL and give them the confidence they need to become self sufficient and inquisitive in acquiring knowledge.

* Narrative Based Medicine: Our teaching learning is largely based on narrative based medicine.

* **Medical Humanities:**

At present, from amongst Medical Humanities, we are teaching Medical ethics to undergraduate students as part of Bridge course 1 & 2. For PGs during the orientation programmes, medical ethics is being taught. The educational posters made by students are a fine blend of art and science.

* **Drug and Poison Information Assistance Centre.**

  The facility is available and is managed by the Department of Pharmacology

* **Ayurveda, Yoga practices & Yoga therapy techniques and Naturopathy and its practices:**

  The core teaching programme being modern medicine, stipulations of the statutory authority (MCI) are followed for teaching-learning process.

2.3.19 Does the institution have an Electronic Medical Records facility, staffed by trained and qualified personnel? Is it used for teaching-learning process?

Yes. Documentation and digitilization of medical records is vital for research, teaching and medico-legal cases. The Medical Record Section is fully computerized with digitilized documentation facility with well-qualified staff. The facilities are being used in retrospective case studies by the PG students and faculty, and also training them essential skills of maintrnance of meticulous records maintenance.

2.3.20 Does the institution have well documented procedures for case sheet writing, obtaining informed consent and the discharge process of the patients?

Yes. The Institution has and strictly adheres to the well documented procedures for the process of Admission, Case Sheet generation, Informed consent and Discharge Summary of patients. The procedures are followed in coordination with all departments.

- The procedures include the documentation and details of:

Reason for admission, Clinical findings, Investigation reports, Diagnosis, Clinical/Surgical procedures, Treatment, Follow-up Advice, etc.

A copy of discharge summary is attached to the patients' case sheet, when patient is discharged or is transferred to a different centre.

2.3.21 Does the institution produce videos of clinical cases and use them for teaching-learning processes?

Yes. Surgical and allied subject-departments record videos of clinical procedures and operative procedures. The live streaming of such procedures is beamed to OT-adjoining room for the students. The soft copies of such videos are preserved in departments and are frequently used in the teaching-learning process.

2.3.22 Does the institution perform medico legal/post-mortem procedures with a view to train the undergraduate and post-graduate students in medico legal procedures?

Yes. The postmortem and medico-legal autopsies are carried out by the Department of Forensic Medicine. The second phase UG students witness minimum of ten postmortems during their training period and document all the required details as a part of their learning process. For the Postgraduate students in Forensic Medicine, it is mandatory to attend and perform all postmortems.

2.3.23 Does the institution has drugs and poison information and poison detection centre? How are these used to train the students?

Yes.

- The institution has a Poison Information and Detection Centre monitored by Department of Forensic medicine. This center provides services to patients (as poisoning cases) for identification of the poison and its treatment. At the Centre, UG students are taught and demonstrated the methodology and procedure for poison detection. PG students pursuing Forensic Medicine are trained in all aspects of poison information and detection.

2.3.24 Does the institution have a Pharmacovigilance / Toxicology centre / clinical pharmacy facility / drug information centre/Centre for disease surveillance and control/ Prevention through Yoga/Promotion of positive health / Well equipped Psychology Laboratory/ Naturopathic diagnostic centre, etc.?

Yes

- Pharmacovigilance Centre under Department of Pharmacology is monitored by trained faculty. The Centre monitors the Adverse Drug Reactions (ADR) in our hospital. ADR forms are distributed to all clinical wards and analyzed periodically.
- Drug information is provided by Drug Information Centre managed by Department of Pharmacology.
- Since 2008, Department of Community Medicine has been imparting training, in collaboration with State Government through an MoU, to District Surveillance Officers from three States –Chhattisgarh, Andhra Pradesh and Tamil Nadu .

2.3.25. Laboratories / Diagnostics

* *How the student's learning process in the laboratories / diagnostics monitored? Provide the laboratory time table (for the different courses).*

- Students' learning process in the laboratories is monitored by the faculty in charge of the laboratories.
- The respective departments maintain the time table for laboratory teaching, which is strictly adhered to.
- Respective departments maintain the records related to students' learning process in the laboratories / diagnostics.

* *Student staff ratio in the laboratories / diagnostics.*

- The student to staff ratio varies from laboratory to laboratory and ranges from 2:1 to 3:1

2.3.26. How many procedures / clinical cases / surgeries are observed, assisted, performed with assistance and carried out independently by students in order to fulfill learning objectives?

- On an average 3000 to 3200 different types of surgical procedures are carried out in the hospital/operation theatres every month.
- Undergraduate students observe various clinical/surgical procedures; on an average of 150-200 during their entire period of clinical training.
- Internees and Postgraduate students assist in surgeries. Senior PG students perform many of the surgeries independently and under supervision.
- Various other procedures in wards are also observed by students and performed by Internees and PG students under supervision.

2.3.27 Does the institution provide patients with information on complementary and alternative systems of Medicine?

The institution teaches and practices only modern medicine. However the patients are counseled about the benefits of Yoga in certain life style disorders like hypertension, diabetes and such others. The information regarding complimentary and alternate systems of medicine is also given to the patients, if sought for. We have an Ayurveda Medical College run by the Society

2.3.28 What are the methods used to promote teaching-learning process in the clinical setting?

Various methods are adopted in clinical setting. These are clinical demonstrations, case presentations, problem based case discussions, observing and assisting minor and major operative procedures. Demonstration of advanced surgeries, live or through videos, is done.. Grand rounds are another effective method in clinical setting for wide exposure. Students especially are encouraged to take history, examine the patient, participate in discussion and decision making.

Apart from the above mentioned methodologies, post graduates are expected to take graded responsibilities towards patient care and are expected to discuss and defend the adopted plan of management. Mortality meetings are one of the good methods to review the actions taken and outcomes achieved in patient care. Appropriate integration and correlation of clinical findings, investigations and decision making is encouraged which is evidence based.

Hands on training in Skills Laboratory using mannequins/simulators/ endo-trainers /modules /models in Obstetrics & Gynecology, Anesthesiology, Surgery, Ophthalmology, Orthopedics and Pediatrics are other methods of training.

2.3.29 Do students maintain log books of their teaching-learning activities?

Yes. It is mandatory for all students to maintain log books of various postings and record the activities. The log books are supervised and evaluated by the Supervisory Faculty.

2.3.30 Is there a structured mechanism for post graduate teaching-learning process?

Yes; The institution has Boards of Studies, Curriculum Committee, Mentors and Academic Council, which work in cohesion to design/revise UG/ PG curricula periodically, keeping in view the guidelines of the statutory authority (MCI) and also the newer global trends and local needs.

The post graduate curriculum in various broad specialties clearly specifies well defined, structured mechanism of teaching- learning based on the competency statements of the curriculum. Accordingly, the schedule of various academic activities is planned and executed. This is in consonance with goals and objectives of the University and statutory bodies. Post graduation is predominantly active- learning based and the gradual achievement of expertise in graded responsibilities towards patient care.

Various teaching-learning activities include- Subject seminars, Journal clubs, Case presentations, clinic pathological correlations, didactic lectures, model preparations, symposia, integrated teaching and such others.

2.3.31 Provide the following details about each of the teaching programs:

* **Number of didactic lectures:**

  The MCI guidelines for number of didactic lectures for UG (MBBS) and PG (MD/MS/Dip/M.Ch.) programmes are strictly adhered to. For UG programmes, spread over four-and-half-year covering 19 subjects, the number of lectures vary from 20 to 200.

  The teaching-learning process for PG & Super specialty programmes involve seminars, paper presentations, review of articles, dissertations and clinical training in the hospital as well as at other renowned centers.

* **Number of students in each batch:** The number of students per batch varies Regular batch -150 and Repeater batch -13 to 50.

  * **Practical Classes:** The number of students' again varies from 8-25 during practical classes, outpatient teaching, hospital teaching and clinical teaching.

  * **Number of rotations:** To each department, the number of rotations varies from 1 to 4.

  * **Details of student case study / drug study:** All the students are posted

to various clinical departments on a rotation basis. They are required to study cases as part of their training and record them in their log books.

* **Nursing Care Conference (NCC):** Nursing staff avail this facility at the BLDEA's Shri B. M. Patil Institute of Nursing Sciences.
* **Number of medical/ dental procedures that the students get to see:** The students get to see on an average of 150-200 medical procedures during their posting.
* **Manikins for student teaching:** The University has a well-equipped Skills laboratory with more than 75 manikins, simulators and endotrainers, basic suturing and knotting-teaching material, HD camera, LCD projector, monitors, and others. The facility is being used for training PGs and Internees to hone their skills in a variety of surgical and clinical procedures in disciplines like Surgery, Anesthesiology, Orthopaedics, Ophthalmology, Obstetrics & Gynaecology and Pediatrics; under the supervision of the Co-ordinator and faculty of respective departments.
* **Number of students inside the theatres at a given time:** At a given time 5-6 students are allowed inside the OT to witness the operative procedures directly.. However, the facility of CCTV is made available to other students to observe live operations in the adjoining hall (10-15 students posted to OT at a given time).
* **Average number of procedures in the OTs per week, month and year:** Major operative procedures range between 200-230 per week; 800-900/ month and 10-11,000/year. Minor operative procedures 500-550/week, 2000-2200/month and 27-28000/ year.
* **Autopsy / Post-mortem facility:** The second phase students attend a minimum of ten postmortems and document all the required details as a learning process. The PGs Department of Forensic Medicine department attend all postmortems during the tenure of 3yrs.

2.4 Teacher Quality

2.4.1. How does the institution plan and facilitate its faculty to meet the changing requirements of the curriculum?

University revises the curriculum at regular intervals (once in three years) and introduces the best suited revisions for global competencies and local needs.

University also encourages the faculty to undergo capacity-building programs so as to enable them to understand the importance and meet the requirements changing curriculum.

2.4.2. Does the institution encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

Yes.

Table No.2.6: Diversity in Staff

Department	% of faculty from the same institution	% of faculty from other institutions within the State	% of faculty from institutions outside the State	% of faculty from other countries
Anatomy	10	80	10	--
Physiology	50	29	21	--
Biochemistry	--	60	40	--
Pathology	33.3	33.3	33.3	--
Pharmacology	--	60	40	--
Microbiology	--	69	31	--
Forensic Medicine	--	100	--	--
Ophthalmology	20	80	--	--
ENT	--	100	--	--
Community Medicine	10	80	10	--
Medicine	--	86	14	--
Surgery	04	82	14	--
Obstetrics & Gynecology	20	70	10	--
Orthopaedics	07	93	--	--
Pediatrics	--	84	16	--
Anesthesiology	4	73	23	--
Dermatology	37	38	25	--
Radiology	7	47	47	--
Urology	25	25	50	--
Psychiatry	--	67	33	--
TB & Chest	20	40	40	--
Dentistry	--	75	25	--

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2.4.3 How does the institution ensure that qualified faculty are appointed for new programs / emerging areas of study? How many faculty members were appointed to teach new programs during the last four years?

- The University consciously appoints only qualified staff during recruitment, specially for new/ emerging programs.
- The university has been maintaining about 7% staff above the statutory requirements. The faculty members are encouraged to acquire higher educational qualifications (fellowships in sub-specialties and degrees in super specialization) from centers of excellence in the country. Faculty are also encouraged and supported to visit foreign universities.

2.4.4 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the institution?

Following are the adjunct faculty on the rolls of the institution:

1. Dr. Krishnaveni G.V, Epidemiology Research Unit, Holdsworth Memorial Hospital, Mandi Mohalla, Mysore.
2. Dr. G.S. Gaude, Professor & Head of Department of Pulmonary Medicine, KLEU's J. N. Medical College, Belagavi.
3. Dr. R.S. Mudhol. Director, Hospital Administration & Vice Principal, KLEU's J. N. Medical College, Belagavi

2.4.5 What policies/systems are in place to academically recharge and rejuvenate teachers? (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)

The University/Constituent College encourages the professional development of faculty by granting special leave to those who are attending Regional, National, International conferences, training programmes etc. The faculty who are presenting papers and chairing the scientific sessions in the conferences are supported by granting TA, DA and Registration fee as per the guidelines formed by the University.

The Management gives the financial support to organize Regional, International Conferences, seminars, training programmes, CMEs and workshops by various departments.

The University organizes workshops like "TOT" : (Training of Trainers)for teachers, which are conducted by external experts as well as by in-house faculty.

Guest Lectures are organized by Scientific and Academic Research Society.(SARS)

5% of the total budget of University is allocated for research grants.

Faculty are also being given special leave (equal to sabbatical leave) to pursue higher education/training.

Seed Money: Seed money is given to the research scholars to take up inter disciplinary and multi disciplinary research projects.

2.4.6 How many faculty received awards/recognitions for excellence in teaching at the state, national and international level during the last four years?

Various faculty members have received awards / prizes / nominations in recognition of their academic contribution.

National & International recognitions received by the faculty from reputed professional bodies and agencies.

Table 2.7.a National & International recognitions

Sl. No	Name of Faculty/Students	Name of Award	Event
2009			
1	Dr. A. P. Ambali	Fellowship in Geriatric Medicine	Geriatric Society of India on 1st Nov. 2009
2	Dr. Arun C. Inamdar	Scholarship	International Society of dermatology 2009.
2010			
1	Dr. Praveen Shahapur	Fellowship in HIV Medicine	By Maulana Azad Medical College, New Delhi, 2010
2011			
1	Dr. Satish G Patil	Inspire fellowship of DST	Dept. Science and technology New Delhi Govt. of India 2011
2013			
1	Dr Arun .C. Inamdar	Honorary Membership of European Academy of Dermatology and Vererology	Paediatric Dematology by University of Chicago, USA, 2013
2	Dr Arun .C. Inamdar	Visiting Professor	Paediatric Dematology by University of Chicago, USA, 2013
3	Dr. Yadavannavar .M.C	Vaidya Ratna	International Institute for Social and Economic Reforms (R) Bangalore, Distinguished contributions to the development of the Nation and achieving outstanding excellence in the field of Community Medicine on 18th April 2013 at Ravindra Kalakshetra Bangalore

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4	Dr. Satish. G. Patil	"Young Researcher"	At 9th International Congress of European Union Medicine Society held in Venice, Italy October 2013.
5	Dr.Anand P.Ambali	Best academic contribution in field of geriatric medicine	Geriatric Physician at Tenth International Conference of Geriatric Society of India November 2013 at New Delhi
6	Prof. Kusal K. Das	Life time Honorary Member of COPE	Royal College of Pediatrics and Child Health, England 2013.
2014			
1	Dr.Anand Ambali, The activities of Geriatric Clinic	Appreciation Memento	Hon'ble Minister of Health and Family Welfare, Govt. of India, on November 7, 2014 at International Conference on Vaccine Advocacy in South East Asia, New Delhi.
2	Prof.K.K.Das, Dept. of Physiology. For his invention of new method to estimate blood vitamin-E.	Shri Devaraj Bajaj Memorial Oration-2014 award	By Association of Physiologist and Pharmacologists of India at AIIMS, New-Delhi.

Research Awards received by the faculty

Table 2.7.b Research Awards

Sl. No	Name	Name of Award	Event
2010			
1	Department of Microbiology	Recognised AS State Reference Lab	NACO
2	Dr. Aparna Palit	Recipient of scholarship to travel	International conferences
3	Dr. B. Raghunath	Recipient of scholarship to travel	International conferences
4	Dr.Anand P. Ambali	Distinguished Service Award	7th International Congress on Geriatric Care at New Delhi, on Nov 14th 2010
5	Dr. Shailaja Patil	Junior Faculty Research Programme	Emory University Atlanta USA.2010
2011			
1	Dr. Arun C. Inamdar	L. K. Bhutani	For excellance in Dermatology Teaching and Research Dermacon 2011

2012			
1	Dr. Rajesh Honnutagi	Co-opted member for the Executive Committee of API	Karnataka State Chapter for the year 2011-12
2	Dr. Deepak Chavan	Mother Teresa gold medal award	For outstanding individual achievement in medical service 2012.
2014			
1	Dr. Anand P. Ambali	National Karmveer Chakra	Award by International Confederation of NGO's.
2	HIV Testing Laboratory (State Reference Lab.) of Dept. of Microbiology	"Outstanding performance in Quality Assurance in HIV testing and achieving international standard as per ISO 15189"	"National Meet on Strengthening HIV Laboratories in India, NACO on 4th and 5th December 2014 in New-Delhi
3	Dr. K.A. Masali, Professor, Dept. of Community Medicine	First Prize (Senior scientist Award) for oral presentation on "Association of Sleep Time with Diabetes Mellitus and Impaired Glucose Tolerance in Diabetic Clinics	2nd International Workshop on micronutrients and Child Health (MCHWS) organized by Human Nutrition Unit. All India Institute of Medical Sciences, New Delhi, from 3rd to 7th, November 2014.
4	Dr.Girish Kullolli, Associate Professor, Dept. Of surgery	FAIS Fellowship	Association of Surgeons of India on 28th December-2014 during 74th Annual conference of Association of Surgeons of India held at HICC, Hyderabad from December 27 to 30, 2014.
5	Mr. Ishwar B.Bagoji, Lecturer, Department of Anatomy	"The physiological Society-UK award" 2014.	KSTA Regional Conference on "Science and Technology for Food and Nutrition
6	Dr.Anand Nimbal, Professor of Dentistry	Awarded as the 'fellow of World Federation of Orthodontists	(WFO) based in St. Louis, Missouri, U.S.A on November 14, 2014.
7	Dr. Raghavendra Ijeri	Fellowship in Vitreo Retina	Minto Hospital, Bangalore Medical College. From February 2012 to January 2014
8	Prof. Kusal K.Das	Visiting Professor	School of Medicine, Leeds Institute of Genetics, Health and Therapeutics for two years (2014 to 2016) by the University of Leeds, United Kingdom.

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2.4.7 How many faculty underwent professional development programs during the last four years? (add any other program if necessary)

University encourages and supports faculty to undergo professional development programs as per the guidelines of the statutory regulatory body. Following are the details:

Table 2.8 FDPs/Others

Faculty Development Programs	No. of Programs	No. of faculty attended
Induction programs	--	--
Re-orientation programs	04	120
Refresher courses	12	380
Capacity building programs	12	400
Programs by regulatory / apex bodies	04	150

2.4.8 How often does the institution organize academic development programs (e.g: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

University regularly organizes academic development programs such as Continuing Medical Education programmes, Workshops on Research Methodology, TOT Workshops, Continual Library Education and such others.

2.4.9 Does the institution have a mechanism to retain faculty? What is the annual attrition rate among the faculty?

Yes. The institution maintains conducive academic ambience apart from supporting facilities, infrastructure, good salary, awards, recognition etc. All these help in retaining faculty. Attrition is only among those who acquire super-specialization and choose to seek other institutions to serve.Such attrition rate for the current year is 8%.

2.4.10. Does the institution have a mechanism to encourage

* *Mobility of faculty between institutions /universities for teaching/ research?*
* *Faculty exchange programs with national and international bodies? If yes, how have these schemes helped in enriching the quality of the faculty?*

Yes. The University has signed an MoU with the University of Manitoba, Canada and collaboration with Emory University, USA.

- Dr Nida Shaikh from Emory University,USA pursued part of her PhD research from BLDE University.
- Dr Shailaja Patil visited Emory University, USA for pursuing her research work.
- Prof Shiva Halli, Professor of Community Health, Manitoba University, Canada, is a resource person for the Institutional workshops on Research Methodology. He is also collaborating on various research projects. He regularly visits BLDE University. This exchange program has helped to establish collaborative research on "Social Determinants of Health".

2.4.11 Does the institution have well defined career advancement policy for Health Science professionals? If yes, outline the policy.

Yes. Career advancement is encouraged and supported by the various fellowship programmes in various departments which all the faculty can seek. PhD programmes are offered at concessional fee for the faculty.

2.4.12 How does the institution create synergies with other PG institutes for generating required number of specialists and super specialists?

* The University has MOU with *Narayana Hrudayalaya*, Bengaluru for establishing a cardiac unit at Vijayapur.
* The constituent college has collaboration with *Jayadeva Institute of Cardiology, NIMHANS Bengaluru, Kidwai Institute of Oncology Bengaluru* and *All India Speech and Hearing Centre, Mysore* for specialty training of PG students.

2.4.13 Does the institution conduct capacity building programs / courses in subspecialties for its faculty?

Yes. The Institution conducts capacity building courses and fellowship programs. They are:

a) Fellowship in Functional Endoscopic Sinus Surgery (Department of ENT, Duration-6months)

b) Fellowship in Middle Ear Surgery (Department of ENT, Duration-6months)

c) Fellowship in Pediatric Dermatology (Department of DLV, Duration-1year)

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that all the stakeholders are aware of the evaluation processes that are in place?

The evaluation processes are communicated to all the stakeholders through:

a. Curriculum b. Institutional Website

c. University by-laws d. Departmental Notice Boards.

e. Display of University Circulars. f. Students Practical Books.

g. Information through the college/hospital office

2.5.2 What are the important examination reforms implemented by the institution? Cite a few examples which have positively impacted the examination system.

- There are 4 examiners- 2 Internal and 2 External to evaluate the students in both Theory and Practical examinations for UGs and PGs.
- Double evaluation is done for UG theory papers with a provision for third valuation (if the difference of 15% marks is found).
- Four evaluations are done for PG theory papers with an option for 5th valuation (if the difference of 15% marks is found).
- Students write the theory examinations under CCTV surveillance.
- Results are declared as per new statutory criteria, wherein the candidate has to mandatorily secure 50% marks in theory (including viva) and 50% marks in practical. This is implemented from 2011 onwards. (examination manual available for reference)

The institution has implemented MCI directive for the PG program also.

1. Paper presentation and/or poster presentation in State, National or International conferences are mandatory to appear for the final examinations.
2. One publication is mandatory to appear for the final examination.
3. Peer evaluation is done for synopsis and thesis.

2.5.3 What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode adopted by the institution for the publication of examination results (e.g. website, SMS, email, etc.).

- The average time taken by the University for the Declaration of examination results is 10 days.
- Till date, in the last 5 years, there has been no delay in the declaration of results in all examinations.
- Results are published on the Institutions website on the same day and on the University Notice board the next day.

2.5.4 How does the institution ensure transparency in the evaluation process?

Students answer papers are randomly coded to mask the identity. Evaluation is done by two internal and two external examiners in practical examination and in theory evaluation double valuation is done one by internal and another by external examiner. There is an option of third valuation, if there is difference of 15% marks between the two evaluations. In PG examinations for theory, there are four valuations with an option of 5th valuation if required. There is provision for re-totaling for students. The whole examination system and result computation is software based.

2.5.5 What are the rigorous features introduced by the university to ensure confidentiality in the conduct of the examinations?

Question papers are set by 2 external and 1 internal examiners (3 sets each). These 9 question papers are kept in separate sealed envelopes. Out of these 9 sealed envelopes 3 are randomly selected by Hon'ble Vice - Chancellor. Out of these 3 sealed envelopes one is randomly selected by a student in the examination hall in presence of all the students, 15 minutes before commencement of examinations. Same is photocopied just before commencement of examinations and distributed to students.

Student answer papers are randomly coded to mask the identity they will be decoded only at the time of declaration of result. Appointment of internal and external examiners for practical examinations is kept confidential at all times.

2.5.6 Does the institution have an integrated examination platform for the following processes?

* Pre-examination processes – Time table generation, hall ticket, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, online transmission of questions and marks, etc.
* Examination process – Examination material management, logistics, etc.
* Post-examination process – Attendance capture, OMR-based examination result, auto processing, result processing, certification, etc.

Pre-examination processes – Time table generation -yes

Hall ticket	-	Yes
OMR	-	Yes (Entrance exams)
Student list generation	-	Yes

Invigilators	-	Yes
Squads	-	Yes
Attendance sheet	-	Yes
Online payment gateway	-	Yes (SBI i-collect)

Online transmission of questions and marks - Only Marks

- Examination process – Examination material management, logistics etc.: **Yes.**
- Post-examination process – Attendance capture, OMR-based exam result, auto processing, result processing, certification, etc : **Yes**

2.5.7 Has the university / institution introduced any reforms in its evaluation process?

The following reforms have been introduced by the University

a. Out of three sets of Question papers, one is picked by a student in the examination hall, 15 minutes prior to the examination. This method is followed to maintain the confidentiality and transparency

b. The results of the examinations conducted by the University are declared well within the dates, as announced earlier.

c. University takes the feedback of the examination section from individual teachers/external examiners and students.

d. University adheres to the dates of examinations announced much before the examination schedule.

e. Zero percentage error is found in the examination section.

2.5.8 What is the mechanism for redressal of grievances with reference to examinations? Give details.

The mechanism for redressal of grievances regarding evaluation is in the form of provision of option for Re-totaling and verification of marks.

Internal Assessment marks are displayed on the departmental notice boards for three days. During this period, if any student has got any grievance about the marks, clarification is given and corrections are made if required.

2.5.9 Does the institution have a Manual for Examinations and if yes, does it specifically take cognizance of examination malpractices by students, faculty and non-teaching staff?

Yes. The University has a Manual of Examinations. The Manual of Examinations takes cognizance of examination malpractices as per the bylaws mentioned.

2.5.10 What efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section

The office of Controller of Examinations has good infrastructure with ample space for the Controller of Examination office and examination cell which are situated at the top floor of the University Building, thereby reducing disturbances. Evaluation hall is air conditioned to provide a comfortable environment. There is a strong room and a secured server room to maintain confidentiality. A record room with sufficient racks for the files for year wise storage with anti termite treatment in the examination section is available. Up-gradation of old software *Takshila,* with a new software solution, *Leviosa,* to automate examination section with computer peripherals in the server room has been done. Modern amenities for communication like Internet facility, fax, a heavy duty centralized printer, scanner and photocopy machine and lamination machine in the C.O.E, section, are available.

2.5.11 What are the efforts of the institution in the assessment of educational outcomes of its students? Give examples against the practices indicated below:

* Compatibility of education objectives and learning methods with assessment principles, methods and practices.

  Assessment principles are compatible with educational objectives. A fine balance is maintained between teaching-learning methodology and assessment principles.

  The educational vision of the University is a graduate doctor, who not only possesses knowledge and skills to provide good basic healthcare to the people, but also, at the same time, realizes the importance of empathy, communication and sympathy with the patients. Thus our assessment strategy is focused on turning out such a doctor.

* Balance between formative and summative assessments.

  20% weightage is given to formative assessment as per statutory authority guidelines for UGs.

* Increasing objectivity in formative assessments.

  To increase objectivity, OSCE and OSPE are used for formative assessment in all departments.

* Formative (theory / orals / clinical / practical) internal assessment; choice based credit system; grading / marking.

  The formative examinations consist of two components-

1.Written Exam & Oral Exam: They assess the knowledge of the students. The marks obtained in them are used:

a) To calculate the Internal Assessment of the students

b)To give feedback to the students regarding their weak and strong areas of knowledge and the ways and efforts needed to improve or maintain the same

2. Clinical Examination : These are case based and are part of the clinical subjects farmattive examinations. They, besides testing the knowledge component of the student also test the affective domain that is, the attitude of the student and his her behavior with the patients and their relatives; This is a skill that is particularly desirable, to be acquired by our students

3. Practical Examination: It assesses the practical skills of the students in all three, that is, preclinical, paraclinical as well as the clinical departments.

* ***Summative (theory / orals / clinical / practical).***

  The Summative examinations are also based on the same pattern as the formative ones, but the results are used to certify the promotion of the students to the next phase.

* ***Theory – structure and setting of question papers – Essays, long answers, shorts answers and MCQs etc. Questions bank and Key answers.***

  Theory – To test the knowledge acquired in the respective subjects. UG Theory Paper consists of 2 long essays, 10 short essays and 10 short answers.

  Theory paper for PG consists of 2 long essays and 6 short essays.

  Practical –To test the practical skills of the students

* ***Objective Structured Clinical Examination (OSCE).***

* ***Objective Structured Practical Examination (OSPE).***

  OSCE and OSPE are used for formative assessment in all departments. These help in increasing objectivity of assessment.

* ***Any other.***

2.5.12 Describe the methods of prevention of malpractice, and mention the Number of cases reported and how are they dealt with?

To prevent malpractice

i) Proper distance between two students in the examination hall.

ii) Students are not allowed to go out of the exam hall after commencement of the theory paper, till completion.

iii) Whole area is covered by CCTV recording and is continuously monitored

iv) Mobile jammers are fitted in the exam halls.

v) Squad teams visit the exam halls.

Malpractice cases (if any) are investigated by the Malpractice Committee, chaired by a retired judge. The Committee gives reports/recommendations to BOE. BOE after deliberations recommends the actions to be initiated to the Board of Management (BoM). On approval of the BoM, orders/ actions are executed.

Nature of malpractice and quantum of punishment

a) The Board ensures that the quantum of punishment imposed on the candidate is commensurate with the gravity of the offence committed by him/her, and as per norms established by the University.

b) The candidate is informed of the punishment finally imposed on him, in writing, by the Controller of Examinations, with intimation to his parents/ guardian and the Principal.

c) The Broad Categories of Unfair Means Resorted to by a candidate at the time of examination and the quantum of punishment for each category has been specified in the bye-laws of the University, which is strictly adhered to.

Till date, 2 cases of malpractice have been reported, both of which were investigated by the Malpractice Committee and the offenders were advised to repeat the exam (of that particular paper) after 6 months.

2.6. Student Performance and Learning Outcomes

2.6.1 Has the institution articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

Yes. The Institution has clearly articulated its graduate attributes in the curriculum for various courses. The implementation of the same is facilitated by regular teaching-learning activities and is monitored by assessment methods from time to time.

2.6.2 Does the institution have clearly stated learning outcomes for its academic programs/departments? If yes, give details on how the students and staff are made aware of these?

Yes. Learning outcomes are stated in the curriculum and before starting of any of these programs, the students are made aware of them in orientation programs.

The learning outcomes of various departments are also discussed in the respective departmental meetings.

2.6.3 How are the institution's teaching-learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

The Institution has a well structured mechanism of teaching-learning programs and assessment strategies. After completion of each program or chapter, different assessment strategies like card test, ward leaving test, periodic assessment tests and other innovative tests are conducted to assess the achievement of learning outcomes.

2.6.4 How does the institution ensure that the stated learning outcomes have been achieved?

There is a system of writing logbooks for all the training that the student undergoes during his/her tenure. By evaluating the logbooks and students' performance in the assessment tests, it is ensured that the stated learning outcomes are achieved.

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

3.1. Promotion of Research

3.1.1. Is there an Institutional Research Committee which monitors and addresses issues related to research? If yes, what is its composition? Mention a few recommendations, which have been implemented, and their impact.

Yes. There are Research Committees both, at the university level as well as at the college level that facilitate and monitor research carried out.

Following are the details of the research committees that monitor and address issues related to research:

- Research Recognition Committee (RRC)

  The university has constituted a Research Recognition Committee (RRC) to facilitate research in the university. Besides promoting research activities, RRC also screens the new research proposals of the faculty, monitor the on-going research projects and evaluate the completed research projects.

Table No. 1:Composition of the Committee

1.	Chairman	Prof. B. G. Mulimani Vice-Chancellor
2	Member Deans of Respective Faculty	Dr. M. S. Biradar, Dean, Faculty of Medicine & Principal
3	Members Co-opted by Hon'ble Vice Chancellor	Dr.Aparna Palit Professor,DVL
4	Member	Dr.Akram Naikwadi Dean,R & D
5	Member Secretary	Dr.J.G.Ambekar Registrar

- **Ph.D Committee**

The university has also constituted a Ph.D. Committee to monitor research activities, admissions to Ph.D. programmes and to review half-yearly progress

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reports and theses submitted by research scholars. This was constituted under Rule 4 (vii) of the MOA)of BLDE University and provides for nurturing research activities of the university by registering candidates for research leading to the award of Ph.D and recognizing research guides.

Table No.2: Composition of the Committee

1.	Dr. Tejaswini Vallabha Vice Principal	Chairperson
2.	Dr. Akram Naikwadi Dean, R & D	Member
3.	Prof. Kusal K. Das Professor of Physiology	Member
4.	Dr. B. M. Bannur Prof. & HOD, Anatomy	Member
5.	Dr. S. R. Badiger Professor of Medicine	Member
6.	Dr. Shailaja Patil Deputy Dean, R & D	Member
7.	Dr. Nilima Dongre Asso. Professor of Biochemistry	Member Secretary

- **Board of Post Graduate Teaching and Research Committee**

University has Research Committees and the composition of each is as per the by-laws of University and guidelines prescribed by VGST and ICMR.

Table No.3: Composition of the Committee

1.	Prof. B. G. Mulimani Vice-Chancellor	Chairman
2.	Dr. M. S. Biradar, Dean, Faculty of Medicine & Principal	Member Deans of Respective Faculty
3.	Dr. A.C. Inamdar, Prof. & Head, DVL	Member Chairman BOS, nominated by Vice-Chancellor
4.	Dr. Kushal Das, Professor of Physiology, Dr. Annapurna Sajjan, Prof of Microbiology	Members, Two Professors
5.	Dr. PVLN Srinivasa Rao, Prof. & HOD, Biochemistry, SVIMS, Tirupati Dr. S. S. Goudar, Prof & HOD of Physiology & Medical Education, JNMC Belgaum.	Members Two External Experts

6.	Dr. A. A. Naikwadi, Dean R & D	Member
7.	Dr. J. G. Ambekar, Registrar	Member Secretary

- **Research Grant Committee**

Table No.4: Composition of the Committee

1	Prof. B. G. Mulimani Vice-Chancellor	Chairman
2	Dr. M. S. Biradar, Dean, Faculty of Medicine & Principal	Member
3	Dr. Aparna Palit Professor,DVL	Members Co-opted by Hon'ble Vice Chancellor
4	Dr. A. A. Naikwadi, Dean R & D	Member
5	Dr. J. G. Ambekar, Registrar	Member Secretary

Recommendation/implementation/Impact-

All the constituent units Research unit and site management office carry out basic sciences and clinical research and clinical trials

The composition of all the Committees generally includes the Dean of the Faculty, Senior research faculty and one expert in the area of specialization nominated by Vice Chancellor. The Committees have played a significant role in enhancing the scope of research as well as the quality of research being carried out in the university. The university has the facility Research Grants, which supports research scholars, faculty and undergraduates. This has significantly enhanced the enrolment of research scholars of science background to pursue their research at the university.

3.1.2 Does the institution have an Institutional Ethics Committee to monitor matters related to the ethics of inclusion of humans and animals in research?

Yes. The Institution has registered Institutional Ethics Committee as per ICMR guidelines which monitors research projects related to human research and Institutional Animal Ethics Committee as per CPCSEA guidelines.

3.1.3. What is the policy of the university to promote research in its affiliated / constituent colleges?

The research policy of the university emphasizes the following:

i) To develop research programs for the improvement of rural health

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ii) To achieve national and international recognition for contribution in research.

iii) To attract faculty distinguished in teaching and research.

iv) To give Incentives for faculty towards their publications in Indexed Journals (Rs. 10,000/Publication)

v) Publications in Indexed journals are considered for Career Promotions of faculty.

vi) Special Casual Leave is given to faculty for attending and presenting papers in National and International Conferences.

vii) Travelling, accommodation and registration charges are borne by the University for the Faculty who present papers in National and International Conferences.

To implement the above policies, Research Committee meets at least twice a year and proposes and promotes research in the constituent college.

3.1.4 What are the proactive mechanisms adopted by the institution to facilitate the smooth implementation of research schemes/projects?

The proactive mechanisms adopted by the institution which facilitate the smooth implementation of research schemes/project are:

a. Externally funded projects (both government and private agencies)-

- Advancing funds for sanctioned projects: To support research activities, research funds are earmarked at the university level.
- Providing seed money: University provides seed money, to scholars and faculty to support research activities.
- Simplification of procedures related to sanctions/purchases to be made by the investigators: University has simplified procedures for purchases by Purchase Committee.
- Autonomy to the Principal investigator/coordinator for utilizing overhead charges: The University has framed research promotion guidelines with respect to autonomy to the Principal investigator.
- **Timely release of Grants**

  Yes. Dean R&D ensures timely release of grants.
- **Timely Auditing of Research Grants.**

  Yes. Dean R&D ensures timely auditing of research grants.
- **Submission of utilization certificate to the funding authorities:**
  Yes. University ensures timely submission of the certificate.

- **Writing research proposals for funding:** Faculty is motivated to submit research proposals for funding by external agencies.
- **Any training given for writing proposals:** Yes**.** University conducts workshops for writing research proposals, statistic collection and data analysis by eminent National and International researchers.

b. Institution sponsored projects:

- Proportion of funds dedicated for research in the annual budget: 5.00 % of the institutional annual budget is allocated to institution sponsored research projects.

Table No.5: Availability of funding for research/training/resources.

Particulars	Total Funding in (Rs)	Total No.	On going	Completed
University Funded	71,00,000=00	79	70	09
Externally Funded	2,52,39,012=00	13	10	03

- **Availability of access to online data bases:** University has state of the art digital library where online databases are accessible.

3.1.5 How is multidisciplinary/interdisciplinary/transdisciplinary research promoted within the institution?

* Between and among different departments

The University, realizing the value of multidisciplinary/ interdisciplinary/ transdisciplinary has adopted the following strategies:

1. Postgraduate and undergraduate programmes lay emphasis on inter – disciplinary research and knowledge about particular disease, involving more than one discipline. [Interdisciplinary seminars: DM, HTN, Thyroid disorders]
2. Contribution of persons in interdisciplinary research is duly recognized by the University for Incentives.
3. Faculty are encouraged to organize workshops and seminars on interdisciplinary topics.
4. Faculty has autonomy to function across their departmental hierarchy to take up interdisciplinary and multidisciplinary projects with budgetary provision, ease of implementation and team building process.
5. Undergraduates and Postgraduates are motivated to undertake interdisciplinary research projects through University funding.
6. University promotes networking to find out potential partners for multidisciplinary research projects.

Following are a few examples:

Table No.6 :National & International MoU's established.		
National		
Sl. No.	**Organization**	**Objective**
1	Swami Vivekananda Youth Movement Sargur	To run the Community Care Centre (NACO guidelines)in Shri B.M. Patil Medical college, Hospital and Research Centre, Vijaypur
2	Academy of Creative Teaching, (ACT), R.T. Nagar, Bangalore.	Faculty development in Creative teaching and Communication skills.
3	Karnataka State Women's University Vijayapur	• To utilize facilities for research work.
4	Narayan Hrudayalaya, Bangalore	• To establish Cardiothoracic Unit with Cath Lab for treatment of cardiovascular diseases
International		
1	University of Manitoba, Canada	• To develop mutually beneficial academic programmes. • Co-ordination of academic staff and student mobility for teaching, research & training • Exchange of documentation and research materials

∗ Collaboration with National/International Institutes / Industries.

Yes. University has collaborated with various national and international agencies.

Table No.7:International collaborative projects of the University.				
Sl.No.	**Title of research project**	**Investigator**	**Grant received**	**Collaboration with**
1	"Trial of Oral Misoprostal for prevention of Postpartum Hemorrhage Vs Early/Liberal Treatment of Postpartum hemorrhage" In collaboration with KLE University's JN Medical College, Belgaum and University of Illinois, Chicago and University of California, San Francisco.	Dr RC Bidri, Proj Admin.; Shaila Bidri, Co-Principal Invest. And Dr. Neelamma Patil, Dr. Rekha Udgire & Dr. MC Yadvannawar (Completed)	Rs. 9, 623, 412/-	Gynuity Health Projects, NY, USA 26-11-2011- 2014.
2	Home environment and School going adolescents weight status in rural India. Grants N.: 3D43HD065249-03S1.	Principal Investigator Nikhil Tondon, Centre for Chronic Disease Control, New Delhi -16 Co-Investigator Dr. Shailaja Patil, BLDE University, Bijapur	35200 US $ Approx Rs.21,00,000	EUNICE, Kennedy, Shriver, National Institutes of Health, USA Duration: 15-9-2009 to 30-6-2014

3	INTER-CHF: International Heart Failure Registry	Principal Investigator: Hisham Dokainish Population Health Research Institute McMaster University 237 Barton St. East Hamilton,ON,Canada Investigator: Dr.Rajesh M.Honnutagi	US$4950 Approx. Rs.3,00,000	Population Health Research Institute, Hamilton,ON,Canada
National collaborative projects of the University				
1	Efficacy and Safety of Hydroxychloroquine in treatment of Diabetes Mellitus: A Double Blind, Randomized Comparison with Pioglitazone.	Dr. S. S. Devaramani (Completed)	Rs. 3,00,000/-	Ipca Laboratories Ltd, Mumbai 2010-11
2	A Bridging Study Comparing Efficacy and Safety of Novel Formulation of Artesunate Injection in Treatment of Plasmodium falciparum Malaria	Dr. S. S. Devaramani	Rs. 3,00,000/-	Ipca Laboratories Ltd, Mumbai
3	Establishment of Dermatology Center of Excellence in North Karnataka	Dr. Arun C Inamadar Professor & Head, Department of Dermatology, Venereology and Leprosy	Rs. 40,00,000	Government of Karnataka Vision Group On Science and Technology (VGST) Grant 2013-14
4	An evaluation of efficacy of commonly used first line drugs in terms of Intra – Ocular Pressure (IOP) and ocular perfusion pressure (OPP) and field of Vision in patients of primary open angle glaucoma (POAG) of North Karnataka	Dr. Shivaprasad Asst.Professor, Dept.of Pharmacology	Rs. 20,00,000	Government of Karnataka Vision Group On Science and Technology (VGST) Grant 2013-14
5	Role of computer aided Endoscopic sinus surgery in management of extensive sinonasal polyposis	Dr. Lathadevi HT Professor, Dept.of E.N.T	Rs. 20,00,000	Government of Karnataka Vision Group On Science and Technology (VGST) Grant 2013-14
6	Creation of voice database and development of tools for objective assessment of voice in health and diseases	Dr. S.P. Guggarigoudar Professor, Dept. of E.N.T	Rs. 20,00,000	Government of Karnataka Vision Group On Science and Technology (VGST) Grant 2013-14
7	Influence of antioxidant vitamin (L-ascorbic acid) on hypoxia-induced alteration of VEGF gene expression in male diabetic rats with or without exposure to heavy metal nickel.	Dr. Kusal K. Das Professor, Dept of Physiology	Rs. 17,40,600	LSRB, DRDO. New Delhi 2014

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8	Effect of Yoga on Cardiac Autonomic Neuropathy in Normoglycaemic offspring of Type II Diabetic Parents	Dr. Satish G. Patil Professor of Physiology	Rs. 4,00,000	Government of Karnataka Vision Group On Science and Technology (VGST) Grant2014
9	An Open label, Randomised, Multicentric, Active-controlled Phase-III Trial to Compare the Efficacy, Tolerability, and Safety of Tablet Azilsartan with Tablet Olmesartan in the Treatment of Patients with newly diagnosed Grade 1 Essential Hypertension	Dr. Vijaykumar G. Warad Professor, Dept of Medicine	Rs.3,70,000	Synokem/ TAzilsartan / 102010/2014-15.
11	Isolation & characterization of (Burcellae) Brucellae from suspected human cases and a comparative study on serology & PCR based diagnostic tests	Dr. Smitha S. Mangalgi, Lecturer, Microbiology (Completed)	Rs. 4,75,000/-	Defence R&D Est.No. DRD E-P1-2010/ Task-135 2010
12	WHO trial A65870:Carbetocin in RTS for preventing PPH in collaboration with KLE University, Belgaum.	Dr. Shobha S. Shiragur Asst.Professor, OBGY, BLDE.	Rs.8,90,293/-	WHO trial A65870: 2015
13	A double blind, Randomized, Multicentric, Active Controlled, Parallel Group, Comparative, Phase III study to evaluate the efficacy and safety of Azelnidipine versus Amlodipine in newly detected diagnosed Patients with Mild to Moderate Essential Hypertention.	Dr. Vijaykumar G. Ward Professor, Medicine. BLDEU	Rs.6,16,000/-	CMI-PRE/AZEL-AMLO/CT-III/161012 2014-15
14	A Multicentric, Double Blind, Randomize, Comparative, Parellel Group, Comparative, Phase III trail of the efficacy and safety of Injection Carbetocin versus Injection Oxitocine in prevention of Uterine Atony after cesarean section.	Dr. Purushattam B.Jaju, Professor & HOD, OBGY, BLDEU	Rs.3,70,000/-	Precise/Carbetocin/ CT/1109 2014-15
15	Evaluation of Safety and Efficacy of Hydroxychloroquine Sulfate as an Adjunct to Diet and Exercise to Improve Glycemic Control in Type 2 Diabetes Patients Uncontrolled on Sulfonylurea + Metformin Combination	Dr. Vijay Kumar G. Warad Prof. of Medicine	Rs.4 52,000/-	Ipca/HCQS/PIV-14 2015-16

Table No.8: Inter-Institutional Collaborative Projects and Grants received				
Sl. No.	**Organization**	**Title**	**Department**	**Grant received**
1	National Institute of Cholera and Enteric diseases, Kolkata, PGIMER Chandigarh, CMC Vellore, National Salmonella Phage Typing Centre, New Delhi, Centre for disease Control and Prevention Atlanta, GA, USA.	Assistive Collaboration	Department of Microbiology	Samples of blood are sent for higher investigations
2	Jadhavpur University, Kolkatta,W.B2012-13	Possible Environmental Pollution and Health Effects from Fluoride in Bijapur District(Karnataka)	Dept. of Physiology and Engineering college of BLDE Association.	Rs 4,50000/- 2013-15
3	Dept of Physics, Karnataka University, Dharwad	Analysis of Urinary Calculi by using FTIR and RAMAN FTIR Methods in Patients with Urolithiasis	Dept. of Urology	80,000/- 2014-15

The outcome from the above Projects: Resulted in publications of papers in indexed National and International Journals and presentation of papers in conferences by faculty and students.

3.1.6 Give details of workshops/ training programs/ sensitization programs conducted by the institution to promote a research culture in the institution.

Table No. 9: Workshops/ Training programs/ sensitization programs conducted by the institution to promote a research culture in the institution.

Particulars	2008	2009	2010	2011	2012	2013	2014	2015	Total
Workshop	4	7	4	5	13	26	22	4	87
CME	6	6	9	9	15	17	13	9	80
Seminar	2				2		2	-	6
Orientation Programme	3	2	3	4	4	5	5	2	28
Symposium						1	2	-	3
Guest Lecture	2	7	4	8	18	28	18	4	89

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3.1.7 How does the institution facilitate researchers of eminence to visit the campus? What is the impact of such efforts on the research activities of the Institution?

Eminent researchers of national and international repute are invited to the campus as guest speakers, resource persons for conferences and workshops. University provides financial assistance to conduct guest lectures. To date, University has organized 89-guest lectures.

3.1.8 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

The total budget earmarked for research is 5 %.

Table No.10: Details of the allocations are as follows:

Sl. No.	Heads of Expenditure	Allocated Amount in Lakhs	Utilized Amount
A	Non-recurring expenditure (capital expenditure)		
1.	Instruments	952.25	1118.96
B	Recurring		
1	Seminars, Symposiums, Conferences	380.90	37.24
2	Travel(Honorarium for scientific purpose)	80.22	0
3	Contingency	15.00	13.13
4	Research Grants (Faculty & Student)	380.90	281.02
5	Journal publication	95.22	14.1
6	Total	1904.49	1464.45

Utilized 77% of the total research earmarked budget (5%) from 2008 to 2015.

3.1.9. In its budget, does the university earmark funds for promoting research in its affiliated colleges? If yes, provide details.

Funds earmarked are for the constituent Medical College.

3.1.10 Does the institution encourage research by awarding Postdoctoral Fellowships/Research Associateship? If yes, provide details like number of students registered, funding by the institution and other sources.

Yes. One research scholar is working under Professor Kushal K.Das, Dept. of Physiology and his fellowoship is funded by DRDO (Govt. of India).

3.1.11 What percentage of faculty have utilized facilities like sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the institution monitor the output of these scholars?

In the University, there is a provision of availing special leave for pursuit of higher research in premier institutions within the country and abroad. Three faculty members have utilized this facility and conducted research in premier institutions within the country and abroad. Their output is monitored through their contributions in publications in journals, Receipt of research grants received and implementation of research activities in the parent institute.

3.1.12 Provide details of national and international conferences organized by the institution highlighting the names of eminent scientists/scholars who participated in these events.

University has been organizing National and International Conferences to enhance knowledge, skill and competency of Faculty and Students.

Table No.11: confferences organized by the Institution

Sl. No.	Title of the Conference / Seminar / CME	Eminent Scientists/Scholars
1	National seminar on "Prospective on Physiology Education and research in Post Genomic Era" Conducted on 25th July 2014 by Department of Physiology	1.1. Dr Shashibhalla Singh, (Director, DIPAS, DRDO Delhi) 1.2. Dr. Madhusudan Pal, Scientist E (DIPAS, DRDO Delhi) 2.3. Dr Manoj Chakrabarthi, Scientist G, ICMR, Calcutta
2	Prof. C.N.R.Rao delivered an inspiring Guest Lecture on " To enhance the research strength in students of India" .	2. Bharat Ratna Prof. C.N.R. Rao visited BLDEU campus on March 3, 2015.

Table No.12: State Conferences organized by BLDE University 2008-2015

1	XV Annual Conference of Karnataka Urology Association on 30th & 31st October 2010 by Department of Urology	Dr. George Abraham, Kochi.
2	KSC-ASICON-2011 on4th,5th & 6th February 2011 by Department of Surgery	Pd. Dr. Pradeep Chowbey, Pd. Dr. RB Patil, Hubli.KSC-ASICON-2011

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3	An Interuniversity subject based conference on MEDICAL GENETICS on 23rd &24th May 2011 by Karnataka State Women's University and BLDE University, Bijapur	Prof. Geetabali, Hon'ble Vice Chancellor, KSWU, Bijapur. Prof.Gai, Hon'ble Vice Chancellor, KUD, Dharwad.
4	KARGERICON – 2011 0n 10th September 2011 by Geriatric Clinic of Department of Medicine	Dr. Col. Rajul Gupta. KARGERICON – 2011
5	Satellite conference in OBG on 21st & 22nd July 2012 by Department of OBGY	Dr. Bakul Leuva, Dr. Vijay Shah. Satellite conference in OBG
6	14th Conference of Karnataka Chapter of Anatomist on 7th to 9th September 2012.	Dr. S Kantha, Advisor VIMS & RC Bangalore, Ex Vice Chancellor, RGUHS, Founder president of KCA. Dr. M.L. Kulkarni. HOD Paediatrics, Davengeri.
7	40th KCIAPM Annual State Conference on 6th to 8th September 2013 by Department of Pathology	Dr. SK Shankar, Emeritus Professor NIMHANS, Bangalore. Dr. Ashim Das, Professor, GIMER, Chandigarh.
8	6th Annual Conference of KHSLA-2014 "Electronic Resources and Services in Health Science Librarianship" on 24th to 25th January 2014 by Central Library of Shri. B.M. Patil Medical College, Hospital & Research Centre, Bijapur In Collaboration with RGUHS, Bangalore.	Prof. Chandrakantha Kokate, Vice Chancellor, KLE University, Belgaum 6th Annual Conference of KHSLA-2014. "Electronic Resources and Services in Health Science Librarianship"
9	5th Annual Conference of IADVL Karnataka Chapter- CUTICON Karnataka on 1st & 2nd November 2014 by Department of Dermatology, Venerology and Leprosy	Prof. Raman, AIIMS, New Delhi.
10	State Level Conference "KAPICON"-2015. On June 12-14. 2015 by Dept. of Medicine.	Dr.Vivek Jawali, Cardiothoracic surgeon, Dr. Nageswar Reddy Gastroenterologist.
11	Mysore KSTA conference on Science and Technology for food & Nutrition on 20th and 21st Feb,2015 by BLDE University Vijayapur in association with KSTA, Govt. of Karnataka, Bangalore	Padmashri. Dr. V.Prakesh Distinguished Scientist, CSIR/ Former Director, CFTRI, Mysore.

3.1.13 Mention the initiatives of the institution to facilitate a research culture in the below mentioned areas:

* **Training in research methodology, research ethics and biostatistics.**

The Institution organizes workshops for faculty and students for Training in Research Methodology, Ethics and Biostatistics and also supports the faculty to participate in such training organized at other centre of repute.

- Dr. Shiva Halli, Professor of Community Health Science, University of Manitoba, Canada was invited for a workshop on Research methodology and Biostatistics-7-9 May 2013.
- CCDC, New Delhi and BLDE University jointly organized a Research Methodology Workshop for medical faculty of Northern Karnataka Medical Colleges, in July 2011.

* **Development of scientific temperament.**

- All measures are taken to develop scientific temperament among staff and students. Our University conducts Postgraduate and Undergraduate orientation programs, which help in the development of scientific temperament among staff and students.
- Incentives are given to faculty for presenting scientific papers in various conferences and publishing articles in indexed journals.
- By arranging guest lectures by eminent speakers.
- By sanctioning grants for research projects in time.
- By sanctioning Special Leave for attending various Conferences, Workshops, Seminars and CMEs.
- Creating awareness among students and staff by observing various WHO annual health themes by various departments.

* **Presence of Medical / Bio Ethics Committee.**

Institutional Ethics Committee and Institutional Animal Ethics Committee with external member are in place. All the research proposals are brought before these Committees and approved only on its recommendation.

* **Research linkages with other institutions, universities and center of excellence.** (National and International).

Yes ; (as elaborated under 3.1.5)

* **Research programs in Basic Sciences, Clinical, Operational Research, Epidemiology and Health Economics, etc.**

  Institution conducts orientation programs in Basic Sciences which predominantly include teaching in Physiology and Biochemistry. Clinical trials, Operational Research, Epidemiology, Health Economics for UG, PG and PhD students are conducted. Research Methodology Workshops for faculty members, PG and Ph.D students are conducted to promote research culture.

* **Promotional avenues for multi-disciplinary, inter-disciplinary research.**

  University encourages faculty to undertake inter-disciplinary and multi-disciplinary research. Department of Physiology and Urology are examples.

* **Promotional avenues for translational research.**

  In our University research outcome of basic Medical Sciences are practiced in clinical departments as and when required. Specifically certain interventional outcome of basic science research mainly in Physiology and Pharmacology which are registered in clinical trial registry are practiced in clinics of our hospital.

  To name a few:

- A research project on *Brucellae* titled "Isolation & characterization of *Brucellae* from suspected human cases and a comparative study on serology & PCR based diagnostic tests" carried out by Department of Microbiology-Outcome is Brucellae screening test has been done routinely in our hospital to all patients regularly.

- Another project carried out by the department of O.B.G. titled "Trial of Oral Misoprostal for prevention of Postpartum Hemorrhage Vs Early/Liberal Treatment of Postpartum hemorrhage" Outcome- is oral Misoprostal has proved benefit in treating postpartum hemorrhage early stages.

* **Instilling a culture of research among undergraduate students.**

UG students are encouraged and supported to pursue research projects sponsored by ICMR & BLDEU and to present papers.

Table No.13:Student Research Projects		
Year	**ICMR**	**BLDEU**
2008	Nil	Nil
2009	Nil	Nil
2010	10	Nil
2011	01	Nil
2012	17	17
2013	08	Nil
2014	Nil	Nil
2015	Nil	Nil

Orientation programs/guest lectures on research are conducted for Undergraduate students.

- Short projects and ICMR projects are undertaken by students under the guidance of faculty members.
- The students are encouraged to participate in scientific meets for paper/ poster presentations.

* **Publication-based promotion/incentives.**

  University provides incentives to faculty for publications in journals indexed in PubMed and Scopus [Rs. 10,000/Publication].

* **Providing travel grant for attending national/international conference and workshops.**

  Yes, University provides travel allowance to faculty to attend and present scientific papers in National and International conferences.

3.1.14. Does the institution facilitate?

* **R&D for capacity building and analytical skills in product development like diagnostic kits, biomedical products, etc. for the national / international market.**

  Yes. University is in the initial stage of activity. Analytical skills in product Development like diagnostic kits, biomedical products, is for institutional and local consumption and not for marketing as per the norms of University policy.

* **Development of entrepreneur skills in health care**

  Entrepreneurial skills in health care are inculcated in the students from Undergraduate level itself.

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* Taking leadership role for stem cell research, organ transplantation and harvesting, Biotechnology, Medical Informatics, Genomics, Proteomics, Cellular and Molecular Biology, Nanoscience, etc.

- Genetics Laboratory is established in the Department of Anatomy.
- Corneal transplantation is being done in the Department of Ophthalmology.
- Vascular laboratory is established in Department of Physiology for the study of effect of Nitric Oxide.
- Institution facilitates the development of entrepreneurial skills in health care by organizing guest lectures on topics like Personality Development, entrepreneurial Skills, Intellectual Property Right, A to Z of Drug Development, Drug Discovery and Development, etc.

3.1.15 Are students encouraged to conduct any experimental research in Yoga and /or Naturopathy?

Yes. the basic approach of yoga is to cultivate positive and spiritual attitude towards life situations. Students and Doctoral students are encouraged to conduct research in yoga.

One of the Doctoral students of BLDE University has been awarded a PhD based on a thesis entitled: "Effect of Yoga on endothelial function, Vascular Compliance and sympathetic tone in elderly with increased pulse pressure- A randomized clinical study". He is also granted project funds by DST and VGST for this work. He also got International Research Award (9th European Congress Geriatric Medicine Society).

Students in association with Faculty members have published a good number of papers on Yoga in National and International Journals.

3.2 Resource Mobilization for Research

3.2.1 How many departments of the institution have been recognized for their research activities by National / International Agencies (ICMR, DST, DBT, WHO, UNESCO, AYUSH, CSIR, AICTE, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

The Departments of the constituent collage have been recognized for their Research activities by various National / International agencies.

A research project has been carried out and quantum of assistance received from ICMR, DST, DRDO, VGST, is indicated below:

Table No. 14: Departments recognized for Research work.

Sl.No.	Departments	National / International Agencies	Amount in Rupees
1	Shri B.M. Patil Medical College, Vijaypura. OBGY, Community Medicine, Physiology, Medicine.	**International** • Emory University, National Institute of Health, US. • University of Leeds. • Population Health research Institute, HAMILTON, ON, CANADA • University of Illinois, Chicago • University of Californiya, San Francisco • Gynuity Health Projects, NY, USA • EUNICE,US	Rs.1,23,95,412
	Physiology Pharmacology Otorhinolaryngology Dermatology Biochemistry Surgery Anatomy Pathology Microbiology Forensic Medicine Community Medicine	National • DRDO • VGST • ICMR	Rs.1,59,50,600
		TOTAL	Rs.2,65,46,012
Rs. Two Crores Sixty Five Lakhs Forty Six Thousand and Twelve only			

The significant breakthroughs and outcome are:

- Delegates from the Department of Health Science of Emory University USA visited BLDE University to start the research project along with the faculty of Community Medicine which is still ongoing.
- A Ph.D Scholar from Emory University was awarded a NIH Fogatry Global Health Fellowship to work with Public Health Foundation of India at our University under the mentorship of a Professor from Department of Community Medicine. This builds up research capacity in our University.
- A research team of five members from Global health Institute at Emory University, USA visited for research project on Adolescent Health in Vijayapur. Interaction with schools in the community was under taken to develop healthy living and congenial educational atomosphere in school.

- Five joint publications from these projects have come out in International and National Journals and nine paper/poster presentations were done in International Conferences.

3.2.2. Provide the following details of ongoing research projects of faculty:

Table No.16: Details of ongoing research projects of faculty

Projects	Year-wise	Number	Name of the project	Name of the funding agency	Total grant received
University awarded projects					
Major projects	2008-15	55	As given In Annexure-3.2.2	BLDE University	27,88,982/-
A. Other agencies - National and International (specify)					
Major projects	2008-15	13	As given In below table-3.2.6	DRDO,DST VGST and NACO, International Universities	2Crores33lakhs 14thousand

3.2.3 Does the institution have an Intellectual Property Rights (IPR) Cell?

Steps are taken to initiate the Intellectual Property Rights (IPR) Cell. The awareness programmes are being conducted as a part of orientation to the students and faculty.

3.2.4 Has the institution taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

Yes. The Faculty and students are made aware of IPR and patent policies. The University has taken special efforts to encourage its faculty to file for patents by providing –

- Incentives
- Guidelines from experts
- Establishing MOU's
- Infrastructure facilities
- Training on how to apply for patents

3.2.5 Does the institution have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Yes;.as detailed below

Table No.16: Projects sponsored by the industry / corporate

Sl. No.	Title	Funding Agency
1	Efficacy and Safety of Hydroxychloroquine in treatment of Diabetes Mellitus: A Double Blind, Randomized Comparison with Pioglitazone by Dr. S. S. Devaramani Prof. Medicine, 2010-11 Rs. 3,00,000/-	Ipca Laboratories Ltd, Mumbai
2	A Bridging Study Comparing Efficacy and Safety of Novel Formulation of Artesunate Injection in Treatment of *Plasmodium falciparum* Malaria by Dr. S. S. Devaramani Prof. Medicine, in the year 2011-12 of Rs. 3,00,000/-	Ipca Laboratories Ltd, Mumbai
3	An Open label, Randomized, Multicentric, Active-controlled Phase-III Trial to Compare the Efficacy, Tolerability, and Safety of Tablet Azilsartan with Tablet Olmesartan in the Treatment of Patients with newly diagnosed Grade 1 Essential Hypertension by Dr. Vijaykumar G. Warad Professor, Dept of Medicine in the year 2015-16 Rs.75,000	Synokem Pharmaceuticals Ltd.
4	A Randomized, open – label, active controlled study to determine the efficacy of the embrace care in maintaining normothermia (36.5°c-37,5 °c) in low birth weight neonates (1500-2000gms) as compared to the currently available routine practice of attempting to maintain normothermia in the community setting by Dr. S.V. Patil Dept.of Pediatrics in the year 2012-13 of Rs.1,51,000	Cambree life improvement technologies pvt. Ltd Embrace innovations Inc- USA

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3.2.6 List details of

a. Research projects completed and grants received during the last four years (funded by National/International agencies).

Table No.17-a. Research Projects completed & grant received by External Agencies:

Sl. No.	Title of research project	Status	Grants received
1	Trial of Oral Misoprostal for prevention of Postpartum Hemorrhage Vs Early/Liberal Treatment of Postpartum hemorrhage In collaboration with KLE University's JN Medical College, Belgaum and University of Illinois, Chicago and University of California, San Francisco. Dept. of Medicine/ OBGY. Comm. Medi.	Completed in the year 2014	Rs.9,623, 412/-
2	Isolation & characterization of Brucellae from suspected human cases and a comparative study on serology & PCR based diagnostic tests by Microbiology Department.	Completed in the year 2012	Rs. 4,75,000/-

b. Inter-institutional collaborative projects and grants received:

Sl. No.	Title of research project	Status	Funds & Funding Agency
1	A Bridging Study Comparing Efficacy and Safety of Novel Formulation of Artesunate Injection in Treatment of Plasmodium falciparum Malaria, Department of Medicine	Ongoing	Rs. 3,00,000/- Ipca Laboratories Ltd, Mumbai
2	Home environment and School going adolescents weight status in rural India. Grants N.: 3D43HD065249-03S1. Duration: 15-9-2009 to 30-6-2014 of Community Medicine	Ongoing from 2011-12	35200 US $ Approx Rs.21,00,000 EUNICE, Kennedy, Shriver, National Institutes of Health, USA
3	INTER-CHF: International Heart Failure Registry, Department of Medicine	Ongoing 2013-14	US$4950 Approx. Rs.3,00,000 Population Health Research Institute, Hamilton, ON, Canada
4	Establishment of Dermatology Center of Excellence in North Karnataka, Department of Dermatology, Venereology and Leprosy	Ongoing 2013-14	Rs. 40,00,000 Government of Karnataka Vision Group On Science and Technology (VGST) Grant

5	An evaluation of efficacy of commonly used first line drugs in terms of Intra – Ocular Pressure (IOP) and ocular perfusion pressure (OPP) and field of Vision in patients of primary open angle glaucoma (POAG) of North Karnataka, Dept. of Pharmacology	Ongoing 2013-14	Rs. 20,00,000 Government of Karnataka Vision Group on Science and Technology (VGST) Grant
6	Role of computer aided Endoscopic sinus surgery in management of extensive sinonasal polyposis, Dept. of E.N.T	Ongoing 2013-14	Rs. 20,00,000 Government of Karnataka Vision Group On Science and Technology (VGST) Grant
7	Creation of voice database and development of tools for objective assessment of voice in health and diseases, Dept. of. E.N.T	Ongoing 2013-14	Rs. 20,00,000 Government of Karnataka Vision Group On Science and Technology (VGST) Grant
8	Influence of antioxidant vitamin (L-ascorbic acid) on hypoxia-induced alteration of VEGF gene expression in male diabetic rats with or without exposure to heavy metal nickel. Dept. of Physiology	Ongoing 2014-15	Rs. 17,40,600 LSRB, DRDO.
9	Effect of Yoga on Cardiac Autonomic Neuropathy in Normoglyccaemic offspring of Type II Diabetic Parents, Dept. of Physiology	Ongoing 2014-15	Rs. 4,00,000 Government of Karnataka Vision Group On Science and Technology (VGST) Grant

c. Research Projects completed & grant received by BLDE University

Year	Total	Completed	Closed	Ongoing	Total grant received (in Lakhs)
2011-12	62	16	11	35	18,87,511
2012-13	17	04	01	12	10,56,750
2013-14	07	NIL	NIL	07	8,55,751
2014-15	03	NIL	NIL	03	2,20,375
Total	89	20	12	57	40,20,387

3.2.7. What are the financial provisions made in the institution budget for supporting students' research projects?

University has provided funding of Rs.3,07,600/- for U.G students project in past 3 years. Students are also encouraged to submit research projects to various funding agencies like ICMR for emerging areas of research in health sciences. Several students have been successful in getting ICMR-

STS research grants for their projects. University gives 50% concession in tuition/other fees for Ph.D. programs to the in-service teachers who have registered for Ph.D. Financial incentives are given to students and faculty members for presenting poster/oral paper in the various conferences, National/International scientific meets.

3.3 Research Facilities

3.3.1 What efforts have been made by the institution to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

The University has strategic plans to develop infrastructure to promote research.

Following facilities have been setup:

- Central Research Laboratory with latest and high-end equipments.
- Central Clinical Laboratory facility in Hospital for Biochemistry, Pathology and Microbiology investigations.
- Radio-diagnosis facility with latest equipments for health care and research at the Hospital.
- The Departments of Dermatology and Otorhinolaringology are equipped with high-end instruments for research and healthcare services.
- Genetic laboratory is established in Dept. Anatomy department
- Vascular laboratory is established in Department of Physiology.
- Animal House facility.
- Entire campus and individual Departments of college have Wi-Fi connectivity, e-journals, data base and video conferencing facility .etc.
- Expert assistance from outside library is sought for journal and rare book searching.
- A dedicated statistician is appointed in Biostatics to cater the needs of PG, Ph.D students for research.
- Literature search workshops are conducted for PGs and PhD scholars by the Medical education Department along with the faculty of the central Library.
- Collaborative research programs with other organizations.

Following strategies have been evolved to meet the needs of researchers in emerging disciplines:

- Promoting environment at health research to workout observations on ground water quality especially on Fluoride and Arsenic contents in Vijayapur surrounding. This strategy is undertaken to prevent diseases connected with Fluoride and Arsenic which is rampant in this part of Karnataka.
- University has established a Laboratory of vascular physiology and Medicine laboratory in the Dept. of Physiology under the supervision of Prof. Kusal Das who is also visiting Prof. at the School of Medicine, University of Leeds. This laboratory facilitates work on various problems related to cardiovascular and respiratory health from basic science to clinical medicine with extension of molecular biology. First of its kind in this part and it serves the needs of understanding hypertension, stroke and myocardial disorders with genetic background for the people of North Karnataka,.
- Dept. of Dermatology is the centre for excellence for research and clinical trials supported by VGST, Govt. of Karnataka. The research outcome of the dept. is facilitating on various therapeutic aspects of skin diseases including malignancy prevalent in this region.
- Dept. of Community Medicine has collaboration with Emory University in Atlanta, USA doing research work on "Home environment and School going adolescent weight status in rural India". This research work is focused on understanding the relationship between socioeconomic environment and health determinants including collaborative teaching, mentorship and research with applicable implications for the communities of Vijayapur.
- The Clinical Skill Laboratory is an asset to the University and it provides advanced skill/ learning facilities to the faculty and students. Regular workshops, seminars and conferences are conducted to help students and faculty to update and inculcate knowledge of research skills.

3.3.2 Does the institution have an Advanced Central Research facility? If yes, have the facilities been made available to research scholars? What is the funding allocated to the facility?

Yes. the institution has an advanced Central Research Laboratory equipped with sophisticated Instruments for all research scholars. This Central research lab caters to the needs of all the PhD scholars & postgraduate students and faculty members who are engaged in active research in their respective areas of interest. The secondary purpose is to organize training programs and workshops/seminars for staff and research scholars in the focused area of research. University funds to run and maintain the Central research lab.

3.3.3 Does the institution have a Drug Information Centre to cater to the needs of researchers? If yes, provide details of the facility.

YES. the institution has a Drug Information Center to cater to the needs of researchers and patients. It is established in the hospital premises to analyze

drug poisoning, Drug –Drug interactions and adverse drug reactions. The Drug Information Centre has been helping healthcare providers to be in pace with escalating needs of profession. The aim is to promote rational use of medicines and build a trust among the patients.

3.3.4 Does the institution provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (National/International)?

Yes. Institution provides residential facility to researchers and local hospitality & logistics to visiting scientists. One PhD student from Emory University pursued her PhD work for one year and a five-member multidisciplinary team of trainees in public health, Medicine and Anthropology at the Master's and Doctoral from Emory University carried out field work for 40 days on the campus. This has expanded a novel area of research to understand patterns and changes in diet among young people in our community and various aspects of what globalization entails for health.

3.3.5 Does the institution have centers of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

Yes. The higher qualification of faculty and quality work carried out has earned much recognition at national and international levels.

- Joint collaboration work with Emory University, USA by BLDE University, Department of Community medicine addresses the Social Determinants of Health. Working together as a part of this ongoing collaboration, this research has built a strong relationship between the rapid environmental changes believed to be occurring in this region and adolescent nutrition and knowledge gained it can be used to build public awareness, create educational curriculum for children of Vijayapur and influence policies ultimately protecting and improving the health of adolescents and their communities at large.
- VGST, Govt. of Karnataka has provided grants to the Dept. of Dermatology to establish centre for excellence. This centre is extensively working on various clinical aspects in skin and sexually transmitted diseases in and around Vijayapur District.
- The newly established laboratory of Vascular physiology and Medicine is functioning in collaboration with Institute of Cardiovascular and Metabolic Medicine, University of Leeds, UK.

3.3.6. Clinical trials and research

* **Are all the clinical trials registered with CTRI (Clinical Trials Research of India)?**
* **List a few major clinical trials conducted with their outcomes?**

Yes; All Clinical Trials are registered

Table No.18: Clinical Trails

Department	Title	Outcome
Dept. of Physiology	Effect of Yoga on endothelial function and vascular compliance in elderly subjects with increased pulse pressure – a Randomized clinical trial-CTRI/2011/10/002077. 19-10-2011	Yoga reduces stiffness of arteries in the elderly subjects there by reducing the blood pressure
Department of OBG & Community Medicine with Gynuity Health Projects, NY, USA	Trial of Oral Misoprostal for prevention of Postpartum Hemorrhage Vs Early/Liberal Treatment of Postpartum hemorrhage In collaboration with KLE University's JN Medical College, Belgaum and University of Illinois, Chicago and University of California, San Francisco.	Oral Misoprostal has helped to minimize the postpartum Hemorrhage compare to early/ liberal treatment.
Department of General Medicine & Pharmacology with Synokem Pharmaceuticals Ltd	An Open label, Randomized, Multicentre, Active-controlled Phase-III Trial to Compare the Efficacy, Tolerability, and Safety of Tablet Azilsartan with Tablet Olmesartan in the Treatment of Patients with newly diagnosed Grade 1 Essential Hypertension. Clinical trial period is up to Dec 2015	It ongoing project.
Departmnt of OBG	A Phase III Randomized Double blind active controls multinational Multicentre no inferiority trial using Carbetocin Room Temperature Stable (RTS) for the prevention of PPH during the third stage of labor in woman delivery vaginally. WHO funded collaboration with KLE. 2015-2016 "A65870 Carbetocin champion Trail"	Ongoing project.

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3.4 Research Publications and Awards

3.4.1 Does the institution publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

Yes. The University publishes its in-house journal, "Analytica Medica" since 1992. The journal is being further improved. For the said purpose the negotiations are in final phase with Wolter-Kluwer publishers. The journal will be renamed as BLDE University Journal of Health Science.

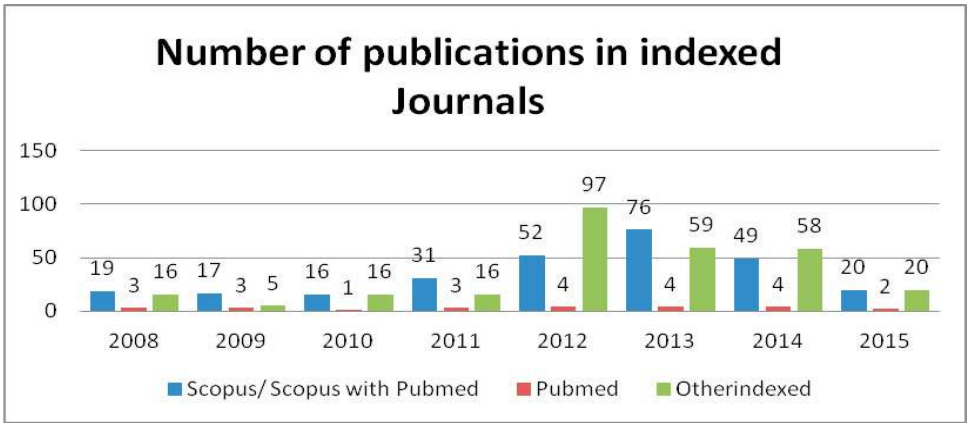
Table No.19: Composition of Editorial Board

Honorary Editor in Chief	Dr M. S. Biradar Dean, Faculty of Medicine & Principal	
Editor in Chief	Dr S. P. Chaukimath Professor & Head, Dept. of Psychaitry	
Editors	Dr Arun Patil Prof. Biochmistry,KIMS, Karaad Dr Sharan Badiger Prof. of Medicine Dr Aparna Palit Prof. of DVDL Dr Manpreeth Kour Prof. of OBG Dr Shailaja Patil Prof. of Community Medicine	
Assistant Editors	Dr Nilima Dongre Prof. of Biochemistry	Dr Satish Patil
Editorial Board	Dr. R. S. Wali HOD, Pharmacology	Dr. Manjunath Aithal HOD, Physiology
	Dr. M. S. Mulimani HOD, Medicine	Dr. B. R. Yelikar HOD, Pathology
	Dr. P. B. Jaju HOD, OBGY	Dr. M. M. Angadi HOD, Community Medicine
	Dr. O. B. Pattanashetty HOD, Orthopaedics	Dr. Vallabha K. HOD, Ophthalmology
	Dr. S. B. Patil HOD, Urology	Dr. Tejaswini Vallabha HOD, Surgery
	Dr. R. S. Babar HOD, Pulmonology	Dr. S. V. Patil HOD, Pediatrics
		Dr. A. C. Inamdar HOD, Dermatology

Analytica Medica is not listed in any international database.

3.4.2 Give details of publications by the faculty and students:

* Number of papers published in peer reviewed journals (national/ international)



* Monographs:

  Jaypee Brothers have published second edition of "Textbook of Pediatric Dermatology" in Jan. 2014.

* Chapters in books:29

* Books edited :6

* Books with ISBN with details of publishers :6

* **Number listed in International Datatbase (For e.g.Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholer,etc)**

* Citation Index – range / average -Total citation Index (Scopus) is 3776. rage-1 to 683. Average 12.914

* Impact Factor – range / average-

  Impact factor (Thomson Reuters) Total 99.224. Range 0.08 to 7.26 Average: 1.31

* Source Normalized Impact per Paper (SNIP) - The SNIP for indexed publications as per Scopus ranged from 0.02 to 1.77 total 135.73.

* SCImago Journal Rank (SJR) - The SJR for indexed publications ranged from 0.0131 to 2.076 as per Scopus total 69.6802

* h-index –Total – 199

  Details of contributions by faculty/students are available in the respective departments.

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Table No.20: No. of Publications in International Database

Indexing Database	2008	2009	2010	2011	2012	2013	2014	2015	Total
Scopus / Scopus with PUBMED	19	17	16	31	52	76	49	37	297
PUBMED	3	3	1	3	4	4	4	2	24
EBSCO Host	-	-	4	1	6	3	2	3	19
Google Scholar	4	3	8	13	76	44	34	23	205
Other Indexes	12	2	4	2	15	12	23	6	76
								Total	**621**

3.4.3 Does the institution publish any reports/compilations/clinical round-ups as a part of clinical research to enrich knowledge, skills and attitudes?

The faculty has been publishing their work in national magazines, news bulletins and Newspapers apart from in-house journal to enrich knowledge, skills and attitudes.

3.4.4 Give details of-

* Faculty serving on the editorial boards of National and International journals

  Faculty of University is serving as members of editorial board in various committees of National and International journals. Some of them are listed below.

* Table No.21: Faculty serving on the editorial boards of National and International journals

Sl.No.	Designation in the Editorial board	Name of Journal State National/ International
1	Dr.Aparna Palit Editor (Genotrichology)	International Journal of Trichology
2	Dr.Aparna Palit Editorial Board member	American Journal of Dematology
3	Prof. Kl.K.Das, Member for International Advisory Group	COPE, England
4	Prof.K.K.Das Editor-in-Chief	South Asian Association of Physiologists (SAAP) Bulletin for the period 2014-2016

5	Prof. Kushal K.Das Member of Reviewer Committee	Al-Ameen Journal of Medical Sciences in Community Medicine section.
6	Dr.Arun Inamdar Expert Reviewer	International Journal of case reports and Images
7	Dr. K.A.Masali, Professor, Dept. of Community Medicine Member of editorial board	International Journal of Community Medicine and Public Health
8	Prof. Kushal K.Das Editor in chief	SAARC bulletin of Physiology
9	Prof. Kushal K.Das Editorial board member	Asian specific Journal of Tropical Medicine
10	Prof. Kushal K.Das Editorial member	Journal of basic and clinical Physiology & Pharmacology" Berlin, Germany.
11	Prof. Kushal K.Das Editorial advisor	Journal of Krishna Institute of Medical Science" Karad
12	Dr. Shailaja Patil,Community Medicine	Al-Ameen journal of Medical Sciences(AJMS)(NCBi index
13	Prof.S.R.Badiger, Dept. of Medicine Editorial member	Asian specific journal of Tropical biomedicine. Singapore International Scientific Committee and editorial review board on Medical and Biological Sciences and Medicine and Health Sciences.
14	Prof. Tejaswini Vallabha Dept. of Surgery, Expert Reviewer	International Journal of Case Reports and Images(IJCRI)
	Dr. K.A.Masali, Professor, Dept. of Community Medicine, Member of Reviewer Committee	Al-Ameen Journal Of Medical Sciences(ISSN 09741143) in Community Medicine section.
	Dr. Basavaraj C. Metri, Assoc. Professor, Dept of Microbiology, Expert Reviewer	International Journal of case reports and Images(IJCRI).

* Faculty serving as members of steering committees of national and International conferences recognized by reputed organizations /societies :Professor Kushal K.Das, Vice President (2013-16) Physiological Society of India, PSI and also Advisory Council Member SAARC Physio Societies, Colombo, Srilanka.

3.4.5 Provide details for the last four years :

Many faculty members have received awards in their respective fields for continuous service, support research directions and for conducting research in core areas relevant to well-being of humankind.

Many faculty Members have chaired scientific sessions, delivered keynote addresses / orations in both National and International Conferences and Updates in their field of specialty.

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* Table No.22: Research Awards received by the faculty and students

Sl. No	Name of Faculty/Students	Name of Award	Event
2009			
1	Dr. Shilpi Agarwal	1st Prize	Kasbekar Metgud Quize held at KSOGA – Bangalore on 6-9-2009
2	Dr. Neha Chandra	3rd Prize	Kasbekar Metgud Quize held at KSOGA – Bangalore on 6-9-2009
3	Dr. Veena D	K. R. Kuppaswamy Mudhilar rolling trophy & cash prize of Rs. 12,000/-	Presentation on weighted Analysis of Bio physical profile & Doppler in foetal surveillance 20-12-2009
4	Dr.M.Ravikumar	3rd prize for best paper presentation	Organophosphate poisoning predicting the need for ventilator suppor" at ANVESHAN-2009, held at VIMS, Tirupati, from Feb 6th to 8th 2009
2010			
1	Department of Microbiology	Recognised AS State Reference Lab	NACO
2	Dr. Aparna Palit	recipient of scholarship to travel	International conferences
3	Dr. B. Raghunath	recipient of scholarship to travel	International conferences
4	Dr.Anand P. Ambali	Distinguished Service Award	7th International Congress on Geriatric Care at New Delhi, on Nov 14th 2010
5	Dr. Shailaja Patil	Junior Faculty Research Programme	Emory University Atlanta USA.2010
6	Narone Utkarsha	Gold Medal by RGUHS	for scoring highest marks in MD (Gen.Medicine) examination held in April – 2010
7	Ishwar B Bagoji	Ist prize	Presentation in National seminar conducted by BLDE College of Pharmacy 2010
8	Department of Microbiology	State Reference Lab	under auspices of NACO 2010
9	Dr.Nuchhi Udayakamar C. Dept. Forensic Medicine	Member of Jury for "Compos Mentis 2010"	A National Level Foresic Quiz Competition Organised by KMC Manipal on 22nd Sept 2010.
2011			
1	Dr. Arun C. Inamdar	L. K. Bhutani	For excellence in Dermatology Teaching and Research Dermacon 2011

2	Dr.Nuchhi Udayakamar C. Dept. Forensic Medicine	Member of Jury for "Compos Mentis 2011"	A National Level Foresic Quiz Competition Organized by KMC Manipal on 1st October 2011.
2012			
1	Dr. Rajesh Honnutagi	Co-opted member for the Executive Committee of API	Karnataka State Chapter for the year 2011-12
2	Dr. Deepak Chavan	Mother teresa gold medal award	For outstanding individual achievement in medical service 2012.
3	Dr.Nuchhi Udayakamar C. Dept. Forensic Medicine	Member of Resource Person for "Compos Mentis 2012"	A National Level Foresic Quiz Competition Organised by KMC Manipal on 15th Sept 2012.
2013			
1	Dr Arun .C. Inamdar	Visiting Professor	Paediatric Dematology by University of Chicago, USA, 2013
2	Dr.Nuchhi Udayakamar C. Dept. Forensic Medicine	Member of Resource Person for "Compos Mentis 2013"	A National Level Foresic Quiz Competition Organised by KMC Manipal on 21st Sept 2013
2014			
1	Dr. Anand P. Ambali	National Karmveer Chakra	Award by International Confederation of NGO's.
2	Prof. Kushal.K. Das	Advisor	Krishna Institute of Medical Sciences, Deemed University. Karad
3	Dr. Bharat. S Postgraduate student of General Surgery	BEST POSTER AWARED "1st Prize" from the Association of Surgeons of India, Head office Chennai on December 27, 2014.	"Managing Infected Pancreatic Necrosis in a limited Resource Set up" during 7th Annual conference ASICON-2014 held at Hyderabad
5	Patil Poornima Jaypraksah and Pathrelekha Das UG students of Phase III Part II	3rd Prize	participated in Division Level Quiz Competition held by India Academy of Pediatrics at Gulbarga on August 25,2014
6	HIV Testing Laboratory (State Reference Lab.) of Dept. of Microbiology	"Outstanding performance in Quality Assurance in HIV testing and achieving international standard as per ISO 15189"	"National Meet on Strengthening HIV Laboratories in India, NACO on 4th and 5th December 2014 in New-Delhi
7	Dr. K.A. Masali, Professor, Dept. of Community Medicine	First Prize (Senior scientist Award) for oral presentation on "Association of Sleep Time with Diabetes Mellitus and Impaired Glucose Tolerance in Diabetic Clinics	2nd International Workshop on micronutrients and Child Health (MCHWS) organized by Human Nutrition Unit. All India Institute of Medical Sciences, New Delhi, from 3rd to 7th, November 2014.

7.	Dr.Girish Kullolli, Associate Professor, Dept. Of surgery	FAIS Fellowship	Association of Surgeons of India on 28th December-2014 during 74th Annual conference of Association of Surgeons of India held at HICC, Hyderabad from December 27 to 30, 2014.
8	Mr. Ishwar B.Bagoji, Lecturer, Department of Anatomy	1st Prize for "Best Poster Award"	Karnataka State Science & Technology Academy, Department of Science and Technology, Govt. of Karnataka Bangaluru at the hands of Chief Guest Dr.Meena Chandawarkar, Vice Chancellor, Women University, Vijayapur on February 21, 2015.
9	Dr.Bharat, Postgraduate student of General Surgery	BEST POSTER AWARED "1st Prize	"Managing Infected Pancreatic Necrosis in a limited Resource Set up" during 7th Annual conference ASICON-2014 held at Hyderabad, Association of Surgeons of India, Head office Chennai on December 27, 2014.
10	Prof. Kushal K.Das Professor of Physiology	The physiological Society-UK award 2014.	KSTA Regional Conference on "Science and Technology for Food and Nutrition
11	Dr.Anand Nimbal, Professor of Dentistry	awarded as the 'fellow of World Federation of Orthodontists	(WFO) based in St. Louis, Missouri, U.S.A on November 14, 2014.
12	Dr. Raghavendra Ijeri	Fellowship in Vitreo Retina	Mintro Hospital, Bangalore Medical College. From February 2012 to January 2014
13	Prof. Kushal K.Das	Visiting Professor	School of Medicine, Leeds Institute of Genetics, Health and Therpeutics for two years (2014 to 2016) by the University of Leeds, United Kingdom.

- The article titled "The cutaneous manifestations of Chikungunya fever – observations made during a recent outbreak in South India" (International Journal of Dermatology, 2008) is the sole dermatology reference recommended for "further reading" by the World Health Organization (SERO) in their Booklet (Oct, 2008) on "Guidelines on Clinical management of Chikungunya fever".
- The article titled "Childhood Vasculitis" has been ranked as one of the top ten dermatology articles referred all over the world according to the MDLinx, Dermatology Weekly Newsletter (06-07-09 to 15-07-09)

* **National & International recognition received by the faculty from reputed professional bodies and agencies.**

* **Table No.23: Details of award received by faculty**

Sl. No	Name of Faculty/Students	Name of Award	Event
2009			
1	Dr. A. P. Ambali	Fellowship in Geriatric Medicine	Geriatric Society of India on 1st Nov. 2009
2	Dr. Arun C. Inamdar	Scholarship	International Society of dermatology 2009.
2010			
1	Dr. Praveen Shahapur	Fellowship in HIV Medicine	By Maulana Azad Medical College, New Delhi, 2010
2011			
1	Dr. Satish G Patil	Inspire fellowship of DST	Dept. Science and technology New Delhi Govt. of India 2011
2013			
1	Dr Arun .C. Inamdar	Honorary Membership of European Academy of Dermatology and Vererology	Paediatric Dematology by University of Chicago, USA, 2013
2	Dr. Yadavannavar .M.C	Vaidya Ratna	International Institute for Social and Economic Reforms (R) Bangalore, Distinguished contributions to the development of the Nation and achieving outstanding excellence in the field of Community Medicine on 18th April 2013 at Ravindra Kalakshetra Bangalore
3	Dr. Satish. G. Patil	Young Researcher	9th international congress of European Union Medicine Society held in Venice, Italy October 2013.
4	Dr.Anand P.Ambali	best academic contribution in field of geriatric medicine	Geriatric Physician at Tenth International Conference of Geriatric Society of India November 2013 at New Delhi
5	Prof. Kusal K. Das	Life time Honorary Member of COPE	Royal College of Pediatrics and Child Health, England 2013.

2014			
1	Dr.Anand Ambli, The activities of Geriatric Clinic	Appreciation Memento	Hon'ble Minister of Health and Family Welfare, Govt. of India, on November 7, 2014 at International Conference on Vaccine Advocacy in South East Asia, New Delhi.
2	Prof.K.K.Das, Dept. of Physiology. For his invention of new method to estimate blood vitamin-E.	Shri Devaraj Bajaj Memorial Oration-2014 award	By association of physiologist and pharmacologists of India at AIIMS,New-Delhi.

3.4.5 Indicate the average number of postgraduate and doctoral scholars guided by each faculty during the last four years.

Table No.24-a: average number of postgraduate and doctoral scholars guided by each faculty

	PG	Ph.D.	Total
Guides	97	29	126
Students	222	63	285
Average	3.46	2.17	3.16

* Ph.D. student to Ph.D guide ratio: 2.17
* PG student to PG guide ratio: 2.18

b. Ph.D. SCHOLARS ALLOTMENT TO THE GUIDES		
Sl. No.	**Name of the Guide**	**Total no. of Students Allotted**
1	Dr. S. D. Desai	6
2	Dr. B. G. Patil	3
3	Dr. B. M. Bannur	1
4	Dr. Manjunath Aithal	6
5	Prof.. K. K.Das	7
6	Dr. Sumangala Patil	5
7	Dr. J. G. Ambekar	8
8	Dr. D. B. Rathi	2
9	Dr. B.B. Devaranavadagi	4
10	Dr. A.A Naikwadi	1
11	Dr.B.R.Yelikar	2
12	Dr. Surekha U. Arakeri	1
13	Dr. B. V. Peerapur	8
14	Dr. P. R. Shahapur	1

15	Dr.P.K.Parandekar	3
16	Dr. Shailaja Patil	4
17	Dr. S. P. Guggarigoudar	1
18	Dr. Mallanna Mulimani	1
19	Dr. Gajanan S. Gaude	1

3.4.6 What is the official policy of the institution to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

University has zero level tolerance to plagiarism.

Experts manually assess the articles published. Until now there are no cases of plagiarism. Plagiarism will be checked by online software with SEO tools, Plag scan, Plag checker. The University takes an undertaking from postgraduates and doctoral scholars prior to submission of their dissertations regarding plagiarism and malpractices. All dissertations theses undergo verification through e-software. Awareness is created among researchers (faculty and students) regarding plagiarism.

3.4.8 Does the institution promote multi/interdisciplinary research? If yes, how many such research projects have been undertaken and mention the number of departments involved in such endeavors?

YES. The University promotes multidisciplinary and interdisciplinary research.

a. No. of Departments involved in multidisciplinary projects: 8

b. No. of Multidisciplinary Projects: 05

c. No. Interdisciplinary Projects:55

d. No. of Departments involved in interdisciplinary projects:18

Database is available in respective Departments.

Table 25. a: Interdisciplinary Research Projects & year

Total Interdisciplinary Research projects year	Total Interdisciplinary Research projects	Completed projects
2011-12	35	16
2012-13	10	6
2013-14	07	-
2014-15	03	-

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b. Multidisciplinary Research Projects in BLDE University 2008-2015			
Sl. No.	**Topic**	**Departments Collaborating**	**Funding Agency**
1.	Possible environmental pollution and health effects from fluoride in Bijapur district, Karnataka	1.Department of Physiology, BLDE University, Bijapur 2. School of environmental studies, Jadhavpur University, Calcutta 3. Department of Civil Engineering, Dr P.G. Halkatti Engineering college, Bijapur, Karnataka	BLDE University. In the year 2013.
2.	"Trial of Oral Misoprostal for prevention of Postpartum Hemorrhage Vs Early/Liberal Treatment of Postpartum hemorrhage"	In collaboration with KLE University's JN Medical College, Belgaum and University of Illinois, Chicago and University of California, San Francisco	Gynuity Health Projects, NY, USA 2014.
3.	Compositional analysis of urinary calculi by IR and Raman Spectroscopic techniques as aided by imaging and X-ray studies	1. Department of Physics, Karnataka University, Dharwad 2. Department of Urology, BLDE University	Karnataka University Dharwad. In the Year 2014-15
4.	Home environment and School going adolescents weight status in rural India. Grants N.: 3D43HD065249-03S1. Duration: 15-9-2009 to 30-6-2014.	Department of Community Medicine, BLDEU.	EUNICE, Kennedy, Shriver, National Institutes of Health, USA 2011
5.	INTER-CHF: International Heart Failure Registry.	Department of Medicine, BLDEU.	Population Health Research Institute, Hamilton, ON, Canada 2013

3.4.9 Has the university instituted any research awards? If yes, list the awards.

Yes; To recognize and encourage the faculty to undertake quality research the University has instituted **Best Researcher Award** from the year 2014 for the most outstanding faculty for their contribution towards research every year.

Table No. 26: Best Researcher Awards			
Sl.No.	**Name of the Researcher**	**Department**	**Year of Award 2014**
1	Prof. Kushal K. Das	Physiology	2014
2	Dr.Arun Inamdar	Skin & VD	2014
	Dr. Aparna Palit	Skin & VD	2015
3	Dr. Shailaja Patil	Community Medicine	2015

3.4.10 What are the incentives given to the faculty and students for receiving state, national and international recognition for research contributions?

Faculty receiving State, National and International recognition for research contribution are recognized by:

1. Weightage for promotions in their academics
2. Support by way of special leave.
3. Encouraging them by awarding "Best researcher award".
4. Providing them with funding for logistics.
5. Giving incentives for paper publications in Indexed journals(Scopus/ pubmed)
6. Financial Support to attend Conferences, CME, Workshops etc.
7. Undergraduates are given incentives for research projects, paper presentation in conferences, CME.
8. Special leave is given to faculty and students for attending/presenting papers in Conferences.
9. Free usage of Central Laboratory to all research scholars, PGs, UGs and faculty.
10. Research Methodology Workshops are conducted to encourage the researcher.

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3.4.11 Give details of the postgraduate and research guides of the institution during the last four years.

Table No. 27: Details of postgraduate guides in the constituent units during last four years

PhD. Students and Research Guides									
2010-11		2011-12		2012-13		2013-14		2014-15	
Students	Guides	Students	Guides	Students	Guides	Students	Guides	Students	Guides
09	07	17	10	17	11	10	08	10	09
Postgraduate students and Guides (M.D./M.S.)									
Students	Guides	Students	Guides	Students	Guides	Students	Guides	Students	Guides
27	27	59	45	45	45	58	49	76	55

Details are maintained in the respective departments.

3.5 CONSULTANCY:

3.5.1 What are the official policy/rules of the institution for structured consultancy? List a few important consultancies undertaken by the institution during the last four years.

At present, consultancy services are provided in an informal way. Many of the faculty are actively involved in honorary consultancy in various National programs like STDs, HIV/AIDS and Leprosy and training Government medical officers and primary school teachers.

Departments provide consultancy services through specialty clinics in Medical College :

- Dept. of Microbiology provides consultancy services to both Governmental & Non Governmental agencies.
- Blood Bank- Isolation and identification of organisms for blood bag and its components for sterility testing.
- Water Sample- Detecting presumptive coli form count from water sample received from Government and Non Government organizations.
- Private Hospitals-Isolation and identification of organisms from ICU, OT's.
- Dept.of Dermatology-Involved as Consultant and Member in the Editorial Board to contribute journal on "What's new in Dermatology, STDs and Leprosy.
- Dept. Pediatrics- Involved in FRU Intervention, Sukshema (MNCH) to carry out technical supportive visits in Vijayapur District.

- Dept. Of Pediatrics- Involved in consultancy with ADP (Area Development Project) Vijayapur for examination of school Health Children. Examined 2500 children in the year 2011-12.
- Community Based Research on home environment and adolescent unhealthy Weight status with funded NIH, USA. Nine articles presented in International Conference and five research papers were published in peer review journal for which principal investigator /research officers have received amount for their consultancy services.
- The College and Hospital is recognized by Govt. of Karnataka for Yashaswini, Balasanjivini, Arogya Bhagya, Vajapayee Arogyashree Scheme, Ex-servicemen Contributory Health Scheme (ECHS), Employee's State Insurance (ESI) and other insurance schemes for reimbursement.
- The College of Medical provides consultancy programs like training on basic neonatal resuscitation skill for staff nurses in association with NSSK (Navajaata Shishu Suraksha Karyakrama)

3.5.2 Does the university have an industry institution partnership cell? If yes, what is its scope and range of activities?

The University has established an Industry Institution partnership cell recently.

- Evaluation of new drug and new technique or procedure or new equipment for the benefit of patients.
- Providing an opportunity for student and staff for technical training.
- Updating recent trends in Medical Sciences.

3.5.3 What is the mode of publicizing the expertise of the institution for consultancy services? Which are the departments from whom consultancy has been sought?

The expertise of the University for Consultancy is promoted through University website, participation in Conferences and meetings and alumni of university. The experts of various disciplines are regularly invited to address issues related to common community health disorders.

- BLDE DOCTOR: Live Phone in Radio Programme is broadcasted every Wednesday by FM radio 101.8, Vijayapur, where in specialists from our Institute will answer to queries of public regarding common health issues.
- The health check-up camps serve to publicize the clinical expertise in the community.

- The college websites provide information regarding the infrastructure and consultants of the departments.
- The teaching hospital is recognized for providing health care facilities to several health care insurance organizations, co-operative societies and Government and Semi-Government employees. Our services rendered to the patients to serve to popularize the clinical expertise of the consultants.

The following Departments of the Hospital provide consultancy:

- Department of Community Medicine
- Department of Microbiology
- Department of Dermatology
- Department of Pediatrics

3.5.4 How does the institution utilize the expertise of its faculty with regard to consultancy services?

The University's Medical College has experienced and high skilled staff. This enables the University to increase the academic programs, promote research and patient care. Their expertise is utilized to:

- Update the curriculum, teaching and learning enhancement, research and consultancy, student supportive services, undertake industry/ government sponsored projects, start new certificate/diploma courses in their expertise and participate in radio talks.
- Expert faculty share their ideas/ suggestions in various committees of our University for implementation.
- The expertise identified helps developing need-based programs / projects for the community. This has resulted in increase in the number of academic programs and Publications.
- There is an enhancive partnership both at National and International levels by the expertise of the faculty.

3.5.5 Give details regarding the consultancy services provided by the institution for secondary and tertiary health care centers and medical / dental practitioners.

The University provides consultancy services at secondary and tertiary care centres.

a. Secondary level

- Vijayapur District Disability Rehabilitation Centre (DDRC) was established under Government of Karnataka, Bengaluru.

- The faculty and resident doctors provide secondary level health care services at these centres during camps held in collaboration with DDRC.
- Department of Microbiology has been recognized as State Reference Laboratory by Govt. Karnataka through which various workshops have been conducted to train medical officers, Lab. technicians of VCTC, PPTCT and blood bank and staff nurses on HIV.
- Department of Community Medicine regularly conducting Guest lectures, Health check camps and Health education programs in secondary and tertiary health care centers.

b. Tertiary level

- NSS units of university Collage conduct health related awareness and treatment camps.
- Teaching hospital conducts regular workshops on advanced health care.
- Study was conducted at BLDE University's Medical College in regard of Misoprostal. Thsi drug has been included into the essential drug list of WHO and is implemented in 26 countries

3.5.6 List the broad areas of consultancy services provided by the institution and the revenue generated during the last four years.

The University has been providing free and paid consultancy services in various healthcare sectors. The faculty extend honorary consultancy as an institutional social responsibility (ISR).

Department of Forensic medicine at its emergency ward has Poison Detection Centre with the aim to help the clinicians in detecting specific poison in management of poisoned patients

Total revenue generated in last four years through consultancy is Rs. 47,80,25,438/- Following are the broad areas of consultancies (2010-2015)

- Consultancy through research grants: Rs.2,49,39,012/-
- Consultancy through clinical trials and Industries and others – Rs.37, 49,293/-
- Consultancy through Hospital Services (through various schemes): Rs. 4,34,22,645/-
- Hospital Revenue: Rs.44,93,37,133/-

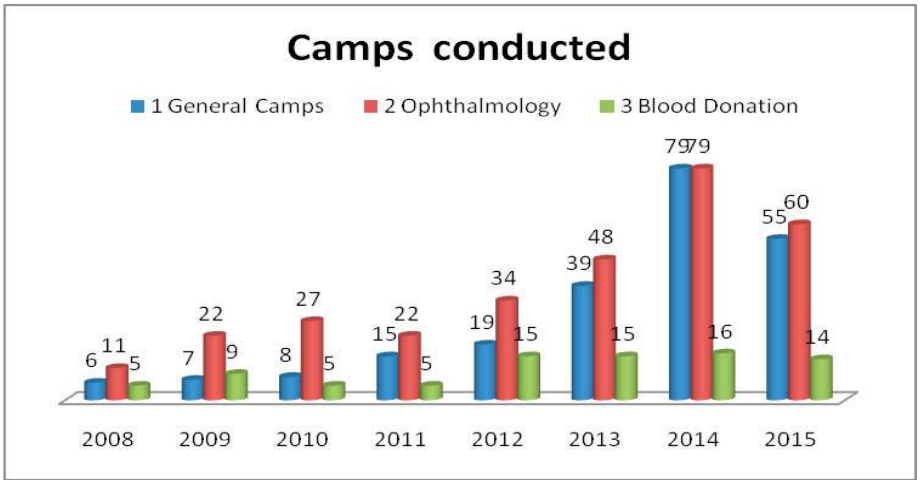
3.5.7 How does the institution sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programs which have created an impact on students' campus experience during the last four years.

In order to bring change or modify the social factors affecting health in society BLDE University has involved various outreach programs. It will to bring many innovative methods to improve the health status of people in urban slums and rural areas, which is the need of this area. Final year

students are required to undergo a rotatory internship programme. Some of the major social outreach programs are:

- Establishment of Urban Health Centre to improve the health care needs of Vijayapur city population which also feeds main institution with inputs.
- Establishment of Rural Health Centre at Shivangi, 28 Km from Vijayapur in order to provide health care which is unreachable to the rural population.
- Mobile Ambulance service with all advanced facilities to remote areas in place.
- Conduct of HIV, Tuberculosis and Malnutrition, Immunization awareness camps.
- Subsidized health care facility is established in in hospital.
- Establishment of Rural Health Centre, Ukkali. Well-equipped hospital at 20 Km from Vijayapur It is training centre for intrnees which provides curative, preventive, promotive facilities to the patients.
- Establishment of Drug Information Center and Poison Information center for the benefit of patients and public to have safe use of medicines.
- Medical relief camps are organized periodically wherever disaster management needs arise. Free health check-up camps were conducted during flood in Bijapur in the year 2009. Free drugs were distributed 39 villages and a total of 35533 community members were benefitted.
- Institution organizes various workshops/ training programs, camps guest lecturers for the benefit of staff, students and society.
- Extension Activities and Institutional Social Responsibility (ISR)

  The team of University faculty and students are committed to work towards their social responsibilities along with local volunteers and Non Governmental Organizations (NGOs).



* DDRC camps: 25 DDRC camps were conducted in the year 2015

❖ **Outreach Activities conducted during last four years:**

1.	Health Awareness	:	16
2.	Health Camps	:	155
3.	Guest Lecture delivered:		112

3.5.8 How does the institution promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?

University promotes a well-organized university-neighborhood network where undergraduate students, Internees and postgraduate students are engaged in service training it will contribute to the holistic development of students and community development.

- Conducting free health check-up and awareness camps independently or in collaboration with District Health Department, Family and Social welfare Department, various regional institutes and NSS, where UG students and PG students are involved. Free health camps were conducted and durgs were distributed free of cost to the people in flood-hit areas of Vijayapur district. This helps in building university-neighborhood network. The interns and students actively participate in the above-mentioned activities as a part of their training and contributes to sustained community development.
- The Dept of Pediatrics is involved in training mothers in awareness of breast feeding. Department of Pediatrics is involved in spreading the awareness about neonatal care, H1N1 epidemic and immunization
- Dept. of Ophthalmology is involved in free eye check-up camps. as well as awareness regarding eye donation. Total 1919 people participated were seen and 413 people for cataract.
- Dept. of ENT is involved in detection of deafness in children through free health check-up camps and school survey.
- Blood Bank section of Dept. of Pathology conducts blood donation camps & awareness talks regarding blood donation.
- Poison Information Centre provides patient counseling in hospital.
- Conduct Continuing education programme are conducted for Govt. Medical officers, health working professionals and primary health centers in our region.
- Faculty are particpanting regulatory in National health programs like immunization, Pulse Polio, family planning .

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3.6.3 How does the institution promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programs?

The University promotes the participation of students and faculty actively in extension activities as:

- University has a NSS Unit. Students are encouraged to participate and have an opportunity to serve needs of community in nearby places. The University has NSS unit with 300 volunteers. The NSS unit organizes various social activities. NSS conduct regular camps Hepatitis- B vaccination camp, Siddeshwara annual fare, Distribution of Medicines are distribted free of cost in all health camps.
- Students are encouraged to participate in National programmes like Family Welfare, Mother and Child Welfare, Population Control, Immunization, HIV/AIDS, Blindness Control, Malaria, Tuberculosis, School Health, anti tobacco campaigns, oral health care, Diabetic Day rally and Cancer awareness.
- All the students are encouraged to participate in National meets through funding by University and in annual events of the University.
- Department of Community Medicine conducted health education programs at various primary health centers. 688 members were benefited in the year 2008 to 2015. Professor of Community Medicine and trainees from Emory University have done survey in schools of Vijayapur about medicine, nutrition and public health and shared their knowledge with pupils and teachers through lectures, question answer sessions held at schools. Over 400 adolescent were sampled from Private and Public schools in Vijayapur.

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the institution to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

Various departments of the hospital are involved in extension work & social surveys through University that have role in ensuring social justice and empowerment of under-privileged.

The University through its organizations and peripheral health centers serves in particular vulnerable sections of society like women and children in improvement of maternal health and reducing child morbidity and mortality. Some of the activities include:

- Department of OBG in collaboration with KLE University is conducting a research on maternal health and is involved in providing training to mothers and women in reproductive age group regarding antenatal check-up and breast feeding through awareness lectures and demonstrations. Special camps were organized for women on maternal & child health.

- Department of Pediatrics is actively involved in spreading the awareness about breast feeding, neonatal care and immunization. Special camps were organized for women on maternal & child health.
- Department of Ophthalmology is involved in free eye check-up camps as a part of National Blindness prevention programme and is spreading awareness regarding eye donation.
- Department of ENT is involved in detection of deafness in children through free health check-up camps and school survey.
- Encouraging the women and child education in the population at rural areas.
- Department of Surgery conducts jathas, awareness lectures in management of diabetic foot, cancer prevention, detection etc. Head injury awareness is also done in schools and colleges.

Empanelment schemes in BLDE University hospital for serving the underprivileged population are:

- Central Govt. Organization schemes for employees of BSNL, NTPC, ECHS.
- State Govt. Organization schemes for employees of KSRTC, ESWT & KSPHWT.
- Health Schemes: YFHCS, VAS, TBS, RSBY, KSAPS, BS, RNTCP/ DOTS-Center, ICTC/PPTCT-Center, UIP, DDRC.

3.6.5 Does the institution have a mechanism to track the students' involvement in various social movements / activities that promote citizenship roles?

Yes; The institution tracks the student involvement in social movements, based on the recommendations of the staff coordinator who is identified by the University. Students who are active and committed are recognized on appropriate occasions to promote citizenship roles such as NSS camps. Students are provided with certificates of merit for participation in the health camps.

THE HUMAN TOUCH

As a social group "THE HUMAN TOUCH" comprises of 260 Medical Students and doctors from BLDE University. It was initiated with the sole purpose of bringing humanity to those who clearly were in need of it. Events of human touch are-

- "Smiles for rice": Institution distributed 5kg rice bags to around 200 familyies residing at leprosy colony.

- " Kids day out": One day fun filled event for the HIV affected orphans. It started off with breakfast, drawing competition, games, lunch, health education through skits and stories, prizes, gifts. Hospital provided them with groceries, multivitamin and protein supplements.
- On the occasion of Doctors Day fruites were distributed to all general ward patients and put up 8 posters as a part of health education to patients. OPD registration was made free.
- Provided primary healthcare to the residents of leprosy colony in Vijayapur including food, wound dressings, free clinic and health education services.
- Cultural and traditional festivals like Holi, are celebrated as part of social togetherness.

3.6.6 How does the institution ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the institution that have encouraged community participation in its activities.

The initiatives of the institution for community participation in its activities are:

- Establishment of Body Donation Unit in Dept. of Anatomy. So far, 33 bodies have been received and 258 people have registered for body donation.
- Eye Donation unit in Dept. of Ophthalmology where more than 200 people have registered for eye donation after death. Community involvement will help in advancement of medical research.
- Radio Programmes- BLDE DOCTOR, Live Phone in radio programme is broadcasted every Wednesday by FM radio 101.8, Vijayapur; where in specialists from our Institute will answer to queries of public regarding common health issues.
- Print materials like pamphlets, newspapers are used to create awareness about common health problems.

3.6.7 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.

- Department of Microbiology has received certificate for "Outstanding performance in quality assurance in HIV testing and achieving International standard as per ISO 15189" from Ministry of Health and Family Welfare, Government of India.
- Appreciation Memento presented to Geriatric Clinic from Ministry of Health & Family Welfare, Government of India.

- Hon'ble President of BLDE University, Dr. M.B. Patil is the recipient of Honorary Doctorate from D.Y.Patil, Kolhapur for his contribution in the field of education and health care.
- Dr. M.C. Yadavannavar, Professor of Community Medicine was awarded National Vaidya Ratna by International Institute for Social and Economic Reforms Bangalore.
- Dr.K.A.Masali, Professor, Community Medicine was awarded "Vikas Ratna Shiromani & Gold Medal", by Society for friendship and National University, New Delhi.
- Dr.Deepak Chavan, Asst. Professor of Surgery received 'Mother Teresa Gold Medal Award" (Registered with Govt. of India).

3.6.8 What intervention strategies have been adopted by the institution to promote the overall development of students from rural/ tribal backgrounds?

University is committed to support meritorious students of Vijayapur District. Institution gives 10% free seats to MBBS students from rural background every academic year. Many of the students are from rural background.

- Local language Teaching for enhancing their communication skills.
- Student mentors look after the overall performance in academics, address the issues related to performances and their psychological needs.
- The learning resources like CDs, Videos, DVDs, Books, journals are made available to students. The campus has free Wi-Fi connectivity for internet usage.
- Students are motivated to participate in extra-curricular including sports, activities.

3.6.9 What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?

Awareness programs, NSS, Rallies and health camps are conducted where in under graduate and postgraduate students along with expert clinicians are involved for promoting social justice and good citizenship.

- The University promotes gender equality in curricular and extracurricular activities, both for staff and students. It also promotes gender equality in leadership issues.
- The University organized 'Nirbhaya" training classes for female staff members and students.
- Chair Person of 'Spurthy' a NGO delivered a lecture on " Prevention of Sexual Harassment and sexual abuse at work place".

- Whenever a major social issue is to be articulated, members of community approach the institution and seek the participation of students.
- The faculty and students actively participate and assist during disaster and natural calamity like floods and draught both at local and national levels.
- The students are informed about the value education, spirituality and ethics during the orientation programme. Involvement of the parents to support their wards in such good practices is encouraged.

3.6.10 How does the institution align itself with the annual themes/programs of WHO/ICMR?

Our University regularly conducts programs from respective departments for various World Health days. To name a few-

- World Polio Day, National Nutritional Week, World T.B. Day, Children's Day, World Breast Feeding Week, World ORS Day, World Diabetic Day, World Kidney Day, World Anesthesia Day, Blood Donation Day, World Alzemier's Day, etc. with poster presentations and conducting guest lectures.
- On the occasion of "World Oral Health Day" a free dental checkup camp was organized by Department of Dentistry on March 20, 2015. Around 150 patients were examined and diagnosed and recalled for the treatment.
- World AIDS Day" was organized under the Joint Association of NSS and RRC of A.S.Patil College of Commerce, Vijayapur on January 13, 2015.
- Celebrated Republic Day on January 26, 2015 Dean, Faculty of Medicine and Principal hoisted the National Flag.
- "World Cancer Day" organized a Jatha regarding Cancer Awareness by the Department of General Surgery on February 4, 2015.
- "International Women's Day" was organized by Women Empowerment Committee on March 7, 2015 Smt.Ujwala A. Sirnadagouda, Professor of Law, inaugurated the function and delivered a lecture on "Domestic Violence on Women"
- Free Eye Checkup Camp was conducted from March 11, 17 2015 on the occasion of "World Glaucoma Week" in the Ophathlomology.
- World Head Injury Awareness Day-2015" Organized by Department of General Surgery on March 20, 2015.

3.6.11 What is the role of the institution in the following extension activities?

* Community outreach health programs for prevention, detection, screening, management of diseases and rehabilitation by cost effective interventions.

- Awareness is created during the health camps through lectures and demonstrations by Dept. of Community Medicine
- Department of Community Medicine has conducted four camps on Tubectomy, Health education awareness programme on H_1N_1 in Ukkali PHC.
- Department of Dentistry has conducted four camps on Free Dental Check Up Camps, on the occasion of World Oral Health Day.
- Department of ENT has conducted six camps on Awareness & General Health Checkup at villages of Bijapur District. Dept.of ENT conducts screening of school children for deafness.
- Detection and treatment of deafness for patients on every Wednesday at ENT OPD under DDRC.
- Department of Medicine has conducted two Free Health checkup Camp at Rural Health Centre for prisoners.
- Department of OBG has conducted three Health checkup Camps, S.B. Arts & KCP Science College Vijayapur & Tubectomy camp at RHTC UKKALI.
- Department of Ophthalmology has conducted nineteen on Cataract surgical camps & General Health Checkup. Department of Ophthalmology is regularly conducting eye camps in association with District Blindness Control Society.
- Department of Pediatric regularly conducting screening of children in association with World Vision ADP, Vijayapur.
- Department of Pathology has conducted six Blood Donation Camps.
- Department of Surgery has conducted four camps
- Monthly Mental health camps at taluka level is carried out by dept. of Psychiatry

* **Creation of Awareness regarding potable water supply, sanitation and nutrition.**

- with the help of charts, the faculty and students along with PHC staff and health workers provide education on nutrition.

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- The Institute's NSS unit organizes lectures and demonstrations on water conservation, rain water harvesting, and increasing ground water level to create awareness in the general public regarding water conservation.
- Departments such as, community medicine, pediatrics, obstetrics and gynecology, community medicine, organize health education programs, provide free medicines like iron, calcium tablets to adolescent girls, young mothers undergo screening for anemia and protein malnutrition among children and create awareness on sanitation and nutrition.

* Creation of Awareness regarding water borne and air-borne communicable diseases.

- During awareness programmes, preparation and use of ORS and use of other home based fluids are demonstrated. National Oral Rehydration Solution (ORS) Awareness week observed every year with slogans such as 'Angaiyyalli Arogya", at Ukkali.

* Creation of Awareness creation regarding non-communicable diseases -cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc.: 'National Nutrition Week', 'National Breast Feeding Week', 'World Heart Day', 'World Diabetes Day', 'World Cancer Day','World Mental Health Day are celebrated every year during which Lectures poster exhibition, free health check-up camps, were organized by respective Departments to create awareness regarding non-communicable diseases.
* Awareness creation regarding the role of healthy life styles and physical exercise for promotion of health and prevention of diseases.

- In the campus, promotion of health among students and staff is encouraged through infrastructure facilities like indoor and outdoor games.
- Free fitness camps and Yoga classes are conducted for faculty and students.
- Faculty and students of various departments to create awareness for public regarding importance of healthy life styles and physical exercises.

* Awareness creation regarding AYUSH Systems of medicines in general and / or any system of medicine in particular.

  University has submitted proposal to AYUSH Systems of medicines. Sponsoring society runs an Ayurveda Medical College.

* Complementary and alternative medicine.

  In our University only allopathic system of Medicine is followed. However, we are getting the support from Ayurveda Medical College as and when required.

* Pharmaco economics evaluation in drug utilization :

Department of Pharmacology conducts this activity by MBBS 4th term students on evaluation in drug utilization. Students of 4th term who are posted to clinical departments they are issued Performa on 'Exercise on Pharmaco economics' wherein they are required to go through the medication prescribed and alternatives available with their brand name, content, and cost per unit.

* Participation in national programs like Family Welfare, Mother and Child Welfare, Population Control, Immunization, HIV/AIDS, Blindness control, Malaria, Tuberculosis, School Health, anti tobacco campaigns, oral health care, etc:

- The University, through all its conerned Departments, collaborates with the office of the District Commissioner to organize programs on family welfare, mother and child welfare, population control, immunization, HIV/AIDS, blindness control, tuberculosis, school health, anti-tobacco campaigns, oral health care, etc.
- The Department of Ophthalmology along with District Blindness Control Society (DBCS) is involved in screening and free cataract surgeries as part of National Programme for control of Blindness.
- The Department of Pediatrics is actively involved in AFP surveillance and reporting programme and participated in Intensified Diarrhea Control Fortnight (IDCF) which is at initiative of UNICEF and Ministry of Health and Family, Government of India.
- Awareness of adolescent reproductive health is created in the school health programmes undertaken by the University

  The series of awareness programmes are conducted at the schools and colleges in and around Vijayapur to sensitize the students on adolescent reproductive health, menstrual cycle, premenstrual syndrome, female feticide, anemia etc.

* Promotion of mental health and prevention of substance abuse: Department of Psychiatry observes World Mental Health Day and gives awareness about the substance abuse.

* **Adoption of population in the geographical area for total healthcare.**

- Government of Karnataka has recognized our Medical College and Hospital for Yashaswini, Balasanjivini, Arogya Bhagya, ECHS, ESI, DBCS and other insurance schemes for reimbursement.
- University has Rural and Urban Health Centers (Rural-3 and Urban-2).

* Research or extension work to reach out to marginalized populations.

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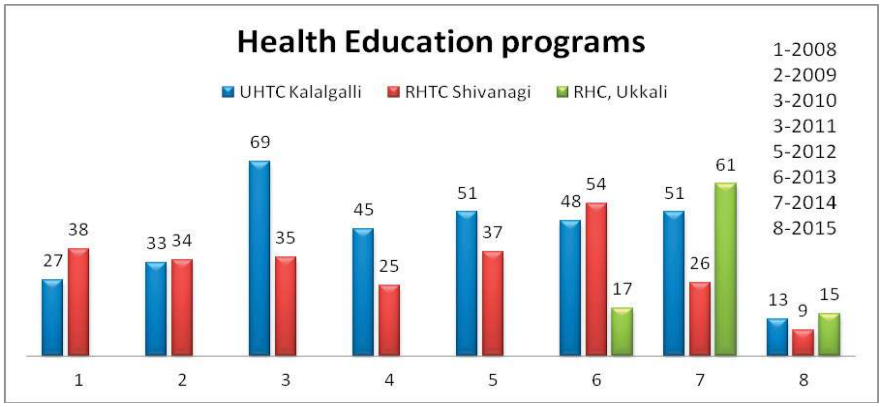
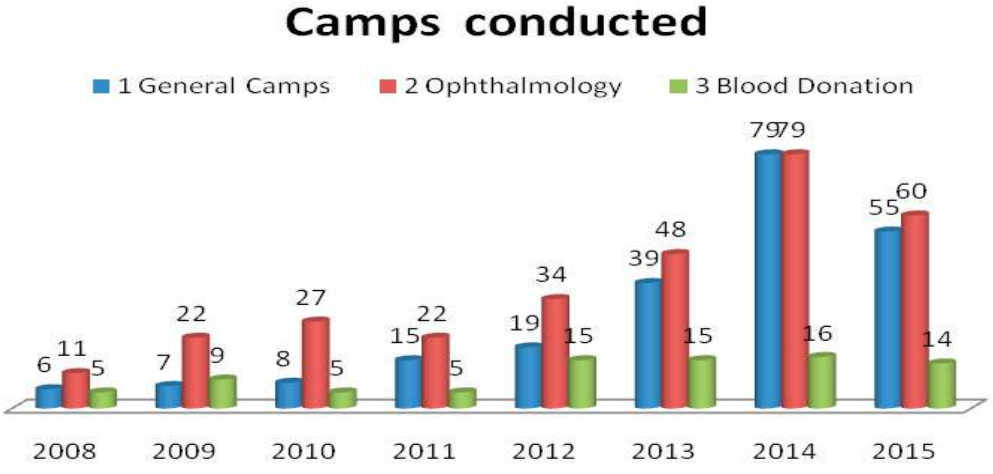
- PPTCT center & VCTC centers are actively functioning. DOTS center is regularly distributing ATT drugs for tuberculosis patients under revised national TB control programme.
- Regular immunization is carried out by Dept. of Pediatrics on every Thursday and Monday.
- Dept. of Ophthalmology is conducting free cataract surgeries at periphery under national blindness control programme.
- Dept of OBGY regularly conducts population control methods like tubal ligation, Cu-T insertion & other contraceptive methods.

3.6.12 Do the faculty members participate in community health awareness programs. If yes, give details.

Yes: The faculty is involved in various community health awareness programs through health camps and outreach activities/ guest lectures.





* DDRC camps: 25 DDRC camps were conducted in the year 2015

3.6.13 How does the institution align itself and participate in National programme for prevention and control of diseases?

- National Programme for prevention and control of diseases is part of curriculum of both undergraduate and postgraduates. Our institution aligns itself in imparting education to undergraduates and postgraduates on prevention and control of communicable and non-communicable diseases through Health education programs, camps and other outreach activities.
- The Institution is regularly participating in National programme for prevention and control of diseases through health camps and health education lectures by faculty in rural areas and schools.
- Department of Pediatrics and Community Medicine of our college assist the district health authorities in smooth and effective conduction of national pulse polio immunization programme. The Department of Pediatrics is actively involved in AFP surveillance and reporting programme and participated in Intensified Diarrhea Control Fortnight (IDCF), which is initiative of UNICEF and Ministry of Health and Family, Government of India.
- The staff members of the Department of Pediatrics and OBGY are involved in Neonatal resuscitation programmes conducted by National Navjat Sishu Karyakram(NSSK) .

3.7 Collaborations

3.7.1 How has the institution's collaboration with other agencies impacted the visibility, identity and diversity of campus activities? To what extent has, the institution benefitted academically and financially because of collaborations?

Collaborative research projects have changed the image of our University. Collaboration helped to improve the quality of research work, publications and health care services.

- The University research is carried out with financial support from National and State research organizations like, ICMR, DST, DRDO, VGST.
- Our University was selected by National Centre for Disease Control, New Delhi for field epidemiology training programme for district surveillance officers.
- INCLEN, MOHFW, Govt. of India has selected our University 'Base Line Assessment of Childhood Morbidity and Mortality in selected Districts in India (District Gadag, Karnataka State)

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Academic & Financial Benefits:

- In attracting National and International talent, advancement in research, increased patient input
- In attracting financial support from World Vision, INDIA for Health Appraisal of Children, follow up treatment. Total no. of Children: 2500.
- In attracting Grants from International and National agencies have helped to carry out quality research with substantial outcome.
- Improved infrastructure facilities and financial benefits to faculty.
- Conduct of Seminars, Workshops, National and International Conferences in collaboration with agencies such as, ICMR, NIH, DRDO.
- This has led to improvement in teaching learning methods and health care.
- Increase in number of scientific publications in both quantity and quality. The publications have increased from 34 publications in the year 2008 to 731 publications till date. University research has received many awards, appreciations and grants.
- Dr. Solveig Cunningham, faculty member in Department of Global Health at Emory University visited BLDE University for symposium on globalization and change in health environment 2010.
- Dr.Shiva Halli, Professor of community Health Science, University of Manitoba, Canada was invited for workshop on Research methodology and Biostatistics-7-9 May 2013.
- Dr.Solveig Cunningham during her second visit on 16-1- 2012 gave a guest lecture on childhood obesity, social & environmental factors.
- Dr. Venkat Narayan K.M., Ruth &OC Hubert Chair, Global Health Department & Professor of Medicine, Emory University , USA. University and participated as a resource person in Research Methodology Workshop. He also delivered a guest lecture on prevention of type-2 Diabetes mellitus and beta cell preservation on 29 July,2011
- Dr.Venkat Narayan K.M., Ruth &OC Hubert Chair, global health department & Professor of Medicine, Emory University , USA in his second visit to University had discussion on collaboration of reseacrh projects and establishing a Center of Excellence for Social Determinants of health.

3.7.2 Mention specific examples of how these linkages promote

* **Curriculum development**

Visit of members from the linkaged institutes has encouraged to improve the course contents. Periodically the Board of Studies from each department updates curriculum. Formulation of new courses is taken up.

Board of Studies of each department includes an external member who contributes for updating curriculum . This way Skills of students are enhanced our meet the requirements of study.

Curriculum committee has implemented research methodology training in the new curriculum. Introduction of OSCE / OSPE, MCQs in formative and summative Assessment pattern.

* **Internship**

Students are sent to rural and urban health centers. This helped them to improve skills, knowledge and confidence in treatment of patients.

* **On-the-job training**

During such internship, students acquired knowledge to compete nationally and internationally. They get better placements nationally and internationally.

University has made provision for in-service faculty to enroll for higher studies like Ph.D. and fellowship programs. The linkages help in executing in-service programmes and continuing learning activities. These linkages promote faculty development programmes like, training and orientation on a continuous basis.

* **Faculty exchange and development**

Faculty and student exchange has helped in academic development of institution and collaboration in research nationally and internationally.

Linkage with Emory University, USA has facilitated exchange of faculty and Multidisciplinary research scholars. This has helped in development of research activities in the field of Adolescent Nutrition.

* **Research**

Such linkages have helped in identification of thrust areas of research and undertaking various research projects nationally and internationally. It has also promoted precise data base literature survey from collaborative research linkages resulting in submission of joint projects. Amount generated from research grants has increased over the past five years. Total grant of Rs. 2, 65, 46.012 has been received from clinical trials, National/ International agencies. The linkages have helped the post graduates, research scholars and faculty research work.

* **Publication**

Linkages provide an opportunity for students and faculty to publish their research work. This has increased the research publication out-put and quality of publication among faculty and students in the high impact factor journals. In the last four years, 585 papers have been published in national / international / regional journals.

Linkages have facilitated publications in PubMed and Scopus indexed journals. This has facilitated faculty recognition in research field.

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* **Consultancy**

Institution has identified the areas for consultancy. These services have benefited all the stakeholders. It has enhanced the exposure, knowledge and skill of students and faculty. It has also helped faculty in terms of development of expertise and experience.

* **Extension**

Apart from 660 health camps, other health care programmes have been conducted in last four years. The hospital is also recognized for Government health care insurance schemes like Yashaswini, Balasanjeevini, Arogya Bhagya, Vajapayee Arogyashree. Linkages with Government of Karnataka facilited health schemes which has increased extension activities of the University. Linkages provided University to organize health awareness programmes, various workshops, conferences and extension activities like health camps.

* **Student placement**

The students are made aware of National and social issues through organizations of various programmes. Student's credibility is enhanced by participating in the research projects undertaken.

* **Any other (specify)**

Community based facilities and programs have been elaborated in curriculum. Linkages have helped in students' progression by providing them opportunities for learning, skill enhancement and research.

3.7.3 Has the institution signed MoUs or filed patents with institutions of national / international importance / other universities / industries / corporate houses etc.? If yes, how have they enhanced the research and development activities of the institution?

YES;

The University has the following MoU's		
Sl. No.	**Organization**	**Objective**
1	University of Manitoba, Canada	• To develop mutually beneficial academic programs. • Co-ordination of academic staff and student mobility for teaching, research & training • Exchange of documentation and research materials
2	Karnataka State Women's University, Vijayapur	To utilize facilities for research work.
3	Narayan Hrudayalaya, Bangalore	To establish Cardiothoracic Unit with Cath Lab for treatment of cardiovascular diseases

Enhancement of research and development activities of the institution: Such linkages have promoted research projects by access to sophisticated and advanced equipments. It has led to more faculty participation in research activities. This has resulted in significant increase in number of quality publications.

Databases for literature survey for precise acquisition of data from linkage organizations has helped in collaborative research projects with National and International universities.

New and novel techniques with MoUs, will enhance the quality of research.

3.7.4 Have the institution-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

Yes. Vascular lab in the Dept. of Physiology, Genetic lab in Dept. of Anatomy and Central research lab. For entire institution are established

- The specialized vascular lab is useful for Evaluation of new facts about heart diseases and respiratory disorders and Alzheimer's diseases which is a global emergency problem. The Industrial interest is mainly finding therapeutic solution and we all working to that direction.
- Central Research laboratory, which is understanding requirement for MCI and UGC. It is multidisciplinary laboratory and is under the controls of head specialized both in infectious and Non-Infectious diseases.

3.7.5 Give details of the collaborative activities of the institution with the following:

* **Local bodies/ community**

- A.S. P. Commerce College: Health checkups every fortnightly.
- Dr. P.G. Halakatti, Engineering College, Vijayapur for Health check-ups/ periodically.
- Sainik School/CBSC school and KCP science Collage, Vijayapur for Health check-ups periodically.
- Prerana group of Institutions

* **State government / Central government /NGOs**

- The institution has MoU with Swami Vivekananda Youth Movement Sargur under NACO guidelines to run Community Care Centre in Shri B.M. Patil Medical College, Hospital and Research Centre, Vijayapur for people living with HIV (2008-10).
- Academy of Creative Teaching, R.T.Nagar, Bengaluru and Faculty development in Creative teaching and Communication skills.

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* **National bodies**

- INCLEN, , MOHFW, Govt. of India by Dept. of Community medicine for 'Base Line Assessment of Childhood Morbidity and Mortality in selected Districts in India (District Gadag, Karnataka State)
- NICD (National Institute for Communicable diseases) by Dept. of Community Medicine for field epidemiology training programme for district surveillance officers.
- University research is carried out with financial support from national research organizations like, ICMR, DST, DRDO and VGST
- International- UNICEF, USAID
- University of Illinois, Chicago, USA (Dept. of OBG for research project)
- AB Science, France (Dept of Dermatology for FDA audited drug trial)
- Home environment and School going adolescents weight status in rural India. UNICEF, Kennedy, Shriver, National Institutes of Health, USA.

* Health Care Industry – Biomedical, Pharmaceutical, Herbal, Clinical Research Organization (CRO)

- Pharma industries: Osteoporosis detection camps with Cipla, Micro lab, Zydus cadila.
- IPCA laboratories for research projects.
- The institution has collaborative activities with State government of Karnataka for various health schemes like, Balasanjeevini, Vajpayee Arogyashree, and Suvarna Arogya.
- Synokem Pharmaceuticals Ltd.,for research project (Clinical Trail)

* Service sector

- District health office: Health camps, Contraceptive supply like Cu-T, OCPs
- District Blindness Control Society: Eye camps
- VCTC & PPTCT: Prevention of HIV/AIDS
- DOTS: Treatment of tuberculosis

* Any other (specify)

- Department of Pediatrics in collaboration with Narayan Netralaya of Bangalore is involved in project "KIDROP" where premature retinopathy in high risk neonate's screening is done.

3.7.6 Give details of the activities of the institution under public-private

partnership.

University has public-private partnership with various Government agencies. The University has two rural health and training centers and two urban health centre.

- UHC, Kalalagalli, Vijayapur, Total population covered 10,000
- RHTC, Shivanagi, Total population covered 15,000
- RHTC, Ukkali, Total population covered 50,000
- Chandabawdi maternity hospital covering around 5000 population.

The university has collaboration with ECHS at Vijayapur. ESI treatment modalities. Under implements Government sponsored schemes *(Yeshaswini, Balsanjiveeni, Vajpayee Arogya Shree, and Arogya Bhagya).*

The Institute conducts activities like awareness programs, health talks, free health check-up camps, health education on nutrition and sanitation in association with the primary health centers and urban health centers.

Any other information regarding Research, Consultancy and Extension, which the institution would like to include.

In order to cope with changing methods and newer and advanced method of treatment BLDE University has put forth the following strategies-

- Encourage the faculty to carry out research involving special skills and facilities.
- To conduct joint research programmes, encourage collaboration with National and International Universities, Organizations.
- To provide consultancy services and carry out extension activities through NGOs.
- Identification of areas of focus and strength in available resources that will contribute to areas of research and doctoral study. Develop research strengths into nationally and internationally recognized centers of excellence.
- To encourage exchange of resource and knowledge with other institutions.
- To encourage faculty for enhanced publications in journals, books and monographs.
- Organize more number of seminars, conferences and workshops by various departments.

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The outcome of above steps is:

- The university established a centre for drug information center for people consultancy.
- University has attracted scientists to join as full time research faculty.
- The number and quality of publications has increased markedly
- There is increase in research proposals submitted to national and international funding agencies
- The University has established the Research Development Fund for encouraging faculty and students / research scholars for carrying out research and to present in various national and international conferences.

CRITERION IV
INFRASTRUCTURE AND LEARNING RESOURCES

4.1 PHYSICAL FACILITIES

4.1.1 How does the institution plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

- BLDE University is a single discipline i.e. Medical Science University providing Medical Education at UG & PG levels and best health care facilities in this backward region of Karnataka, particularly to the underprivileged section of the Society. The campus is spread over an area of 45 acres and is robust with greenery. Aesthetically designed buildings are built according to MCI guidelines which provide an excellent academic environment.

  The campus houses all the departments, teaching hospital, administrative offices, hostels, library, residential quarters, NRI guest house, construction and maintenance cell, post office, bank, ATM, canteen, indoor stadium and swimming pool. The lecture halls, seminar and demonstration rooms are equipped with audiovisual aids and smart boards. The hospital has well equipped Central Laboratory, Blood Bank with component system and an Eye Bank functioning 24x7. State of art Skills Laboratory helps medical undergraduate and postgraduate students as well as paramedical students to develop necessary clinical skills. The library is spread over an area of 2400 Sq. Mts with three floors providing a seating capacity of 691 students. Playground, gymnasium & auditorium facilities are available in the campus to encourage students to participate in sports & cultural activities. Security personnel & CCTVs deployed in the campus ensure the campus safety. All the buildings are supported by 24x7 power backup with generator facility. The infrastructure is optimally used round the week.

- There is a scheduled time table for the best possible utilization of lecture halls, seminar rooms, demonstration rooms, laboratories, museums, dissection halls and operation theatres.

- There is optimal use of departmental and clinical laboratories. Supervisors from Central Pool monitor the smooth functioning of all equipments, facilities and services.
- Infrastructure facilities in various departments and sections are accessible to the faculty & students during working hours & whenever required.
- Library & Sports facilities are kept open even during holidays.
- B.L.D.E. Association's College of Pharmacy and College of Nursing also utilize the infrastructure and services of our hospital.

Planning process according to MCI Guidelines provides adequate facilities.

4.1.2 Does the institution have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes.

Planning and Monitoring Board of University recommends timely policies for creation of infrastructure to promote teaching-learning environment. The university provides sufficient funds in its budget to meet the growing needs. (Table. 4.1.a)

Infrastructure	Amount in lakhs			
	2011-2012	2012-2013	2013-2014	2014-2015
Furniture	16.08	44.35	16.48	279.96
Equipments	152.60	243.01	258.14	393.05
Computers	44.81	88.31	76.12	73.52

Many initiatives are undertaken for the creation and enhancement of infrastructure to promote a good teaching-learning environment.

Infra structure	Builtup area in area Sq ft	Year of Initiation	Year of completion
Swimming pool	30,256	Jan 2013	Expected date of completion Dec 2015
Extension of Anatomy & Microbiology blocks	15,900	Nov 2014	Sept 2015
Extension of Physiology & Biochemistry blocks	2,016	Nov 2014	July 2015
III floor of Hospital	86,940	Nov 2012	June 2015
PG NRI Hostel Block B	15,382	Dec 2009	Feb 2011

New Gents Hostel No 3	36,303	Oct 2010	Nov 2012
New Ladies Hostel No 3	23,843	June 2011	Oct 2012
SBI & Post Office bldg	5,372	June 2011	Aug 2012
Specialty Hospital	42,609	Jan 2013	Expected date of completion Nov 2015
Skills Laboratory	1172.62	6 July2011	March 2012
Indoor stadium	31473	1st July 2015	In progress

3.3.3 Has the institution provided all its departments with facilities like office room, common room and separate rest rooms for women students and staff?

All the departments are provided with an office room and a common room. Separate common room has been provided to female students and staff at the hospital building.

4.1.4 How does the institution ensure that the infrastructure facilities are barrier free for providing easy access to college and hospital for the differently-abled persons?

Wheel chairs, ramps, lift facilities and personal assistance are provided in the college, hospital, administrative offices and library building for easy access of infrastructure facilities to differently abled persons.

4.1.5 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

The Institution encourages and promotes student's interest in sports and cultural activities. The facilities provided in the campus include playground, gymnasium, indoor stadium, swimming pool and auditorium. The Institute organizes sports and cultural events annually and encourages the students to participate in inter collegiate, inter-university and inter-state events.

4.1.6 What measures does the institution take to ensure campus safety and security?

Following measures are taken to ensure campus safety and security round the clock:

- CCTV cameras are installed in the campus at the main gates, college buildings, library and hostels.
- Security personnel are deployed in the campus at all the main gates and important areas.
- Faculty members staying in staff quarters are assigned the duty to visit the hostels periodically.

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- Fire extinguishers are positioned at all important areas in the campus.
- Permission from the warden is mandatory for the movement of girl students from hostel after stipulated hours.
- Recording and monitoring of incoming vehicles in the campus after the permitted time (8 pm) is done.
- Committee for prevention of sexual *harassment* and *gender discrimination* looks into complaints of abuse against women.
- 24x7 uninterrupted power supply is provided in the campus.

4.1.7 Facility of Animal House

Well maintained Animal House facility is available in the campus and is maintained by the Department of Pharmacology.

* **Is the animal house maintained as per CPCSEA guidelines?**

Yes, the animal house is maintained as per the Committee for the Purpose of Control and Supervision on Experiments on Animals (**CPCSEA)** guidelines.

* **Whether records of the animal house are maintained for learning and research activities?**

Yes. Records are maintained both, for learning and research activities.

* **Does the animal house have approval for breeding and selling experimental animals as per CPCSEA guidelines?**

Yes. The animal house is approved for breeding and selling experimental animals as per CPCSEA guidelines.

4.1.8 Provide the following details on the use of laboratories / museums as learning resources:

* Number: A total of 40 laboratories and 17 museums in the respective departments facilitate the learning process.
* Laboratories The laboratories are well equipped and meet the standards set by the apex body. Laboratories are utilized for practical exercises and demonstration for both UG and PG students according to the scheduled time-table.
* Museums - Departmental museums provide useful information to the students. Descriptive catalogues are available in the museums. The museums are accessible to the students during the college working hours. The museum is also accessible to visitors and a separate register is maintained for the same.
* Maintenance and up-gradation: The laboratories and museums are maintained and timely upgraded by the respective departments. Regular

servicing of the equipments is done. New specimens are added from time to time.

State of art Skills Laboratory helps to attain competency in clinical skills in medical undergraduate, post graduate students, paramedical students as per the requirements of various courses.

4.1.9 Dentistry:

* Dental chairs in clinic-specialty wise – 4
* Total dental chairs – 4
* Schedule of chair side teaching in clinics – specialty wise - teaching for UG students as per time table
* Number of procedures in clinics per month and year- average 650/ month.
* Mobile dental care unit – Nill
* Facilities for dental and maxillofacial procedures-Yes (extractions, alveoloplasty, impactions)
* Dental laboratories -

4.1.10 Pharmacy
4.1.11 Yoga and Naturopathy
4.1.12 Homoeopathy
4.1.13 Nursing
4.1.14 Ayurveda

Our's is single faculty (Medical) University. However, we have Nursing, Pharmacy and Ayurveda Colleges run by sponsoring society. Medical College has strong interaction with these colleges "Yoga Cell" also exists.

4.1.15 Does the institution have the following facilities? If so, indicate its special features, if any.

- Meditation Hall: It is located in the campus. The Departent of yoga regularly organizes yoga camps.
- Naturopathy blocks: Not applicable

4.1.16 Provide details of sophisticated equipments procured during the last four years.

750 equipments have been procured during the last 4 years. Details are maintained.

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4.2 Clinical Learning Resources

4.2.1 Teaching Hospital

* Year of establishment

The teaching hospital was established in the year 1986 as a part of the college, located in the same campus. It offers primary, secondary and tertiary level health care.

* Hospital institution distance – It is around 100 meters.

* Whether owned by the college or affiliated to any other institution?

The hospital is owned by the College / B.L.D.E. University (Deemed), Vijayapur, Karnataka

* Are the teaching hospitals and laboratories accredited by NABH, NABL or any other national or international accrediting agency?

The Microbiology Laboratory (State Reference Lab - HIV) is NABL accredited. Accreditation process for other laboratories has been initiated.

* Number of beds – 1125

* Number of specialty services –

- Medicine: Diabetic clinic, Dementia clinic, Geriatric medicine, Movement disorder clinic, Nephrology clinic, Cardiology clinic.
- Surgery: Gastrointestinal surgery clinic, Breast clinic, Diabetic foot clinic.
- OBG: Post-Natal clinic, Cancer clinic, Infertility clinic, Family Planning clinic, Menopause clinic, Adolescent clinic.
- Pediatrics: Pediatric Neurology, Thalessemia Clinic, Pediatric Nephrology, Pediatric Cardiology, High risk clinic, Well baby clinic and Immunization clinic, Hematology & oncology, Pediatric Endocrinology, Asthma Clinic, Diarrhea Clinic.
- ENT: Headache & Vertigo Clinic, audiological rehabilitation clinic.
- Ophthalmology: Oculoplasty Clinic, Glaucoma Clinic, Retina Clinic, Squint & Neuro Ophthalmology Clinic, Cornea Clinic.
- Skin & Dermatology: Contact Dermatitis, Leprosy Clinic, Phototherapy, STD clinic, Excimer laser clinic.
- Psychiatry: Alcohol & de-addiction Clinic, Geriatric Psychiatry clinic, OCD Clinic, Child Guidance Clinic.
- Chest & TB: PFT (Pulmonary Function Test), Bronchoscopy and Allied Procedures, CT Guided Lung Biopsy.

- Orthopedics: Arthroscopy Clinic, Arthroplasty Clinic, CTEV Clinic, Spine clinic, Hand Clinic, Fracture Clinic, Osteoarthritis and Osteoporosis clinics.
- Anesthesiology: Pain clinic

Accomplishments

1. Cardiac Centre

Agreement for establishment of cardiac centre in collaboration with the Narayan Hrudyalaya, Bangalore for intervention as well as management of cardiac patients (Cath Lab)

2. National Rural Health Mission Project: (KIDROP)

In MoU with Narayan Netralaya, screening of premature babies with birth asphyxia is done every Thursday from morning 9am to 1pm and in emergency cases, all the time. This programme caters to babies from Vijayapur, Gulbarga, Koppal, Bagalkot and neighboring areas. The babies identified for retinopathy are treated with laser therapy to prevent blindness. Till now, 620 babies have been screened and out of 53 ROP babies, 8 are treated.

3. Universal Immunization Programme:

The immunization clinics are carried out on every Monday and Thursday afternoon between 3pm to 5pm.

4. DDRC (District Disability Rehabilitation Centre):

The Centre was established under the grant from Directorate of Welfare of Disabled and Senior Citizens, Government of Karnataka. Approximately 700 cases are treated till now.

5. DBCS (District Blindness Control Scheme):

This programme is in MoU with District Health and Family Welfare Society (R), Blindness Control Division. Population in the villages is screened, identified for cataract surgery, motivated and conveyed to the Medical College Hospital.

6. PLHA (People living With HIV/AIDS):

In MoU with Karnataka State AIDS Prevention Society (KSAPS), the Hospital provides free special investigation services and runs special procedures to PLHA referred from district ART centers and submits reports to KSAPS on quarterly basis.

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7. ICTC / PPTCT:

These centers are run in collaboration with Karnataka State AIDS Prevention Society (KSAPS), through which HIV & HBsAg tests are performed free of cost for antenatal cases. The statistics of these tests are reported to KSAPS on monthly basis. ICTC functions under the Department of Microbiology and PPTCT is functioning under the Department of OBG. Two laboratory technicians, and two counsellors (a male and a female) are deputed by the KSAPS.

8. National Thermal Power Corporation (NTPC):

The university has a MoU with National Thermal Power Corporation, Kudgi for providing:-

Mobile Medical Unit: to provide health care services to project affected villages.

- 24 hours ambulance service: at NTPC site, Kudgi.

* ***Number of super-specialty services***

Super specialty services are provided in 4 fields - Urology, Pediatric Surgery, Gastroenterology and Cardiology.

* ***Number of beds in ICU / ICCU / PICU / NICU, etc:***

Table 4.2 (Teaching Beds – 805 beds (General Ward))

Ward	No. of beds
Medicine	180
Surgery	180
OBG	100
Pediatrics	90
Orthopedics	90
TB & Chest	30
Ophthalmology	30
Psychiatry	15
ENT	30
Urology	30
Dermatology	30
Total	805

Non-Teaching Beds - 320 beds

Ward	No. of beds
J Block	16
K Block	30
M Block	16
Cauvery	30
NICU-1	18
NICU -2	18
PICU	12
ICCU	22
SICU	14
CCU	23
Burns	7
Pre Operative	20
Post Operative	39
Recovery	24
Casualty + ward	25
Labour Room	6
Total	320

* ***Number of operation theatres – 14***

The operation theatre (OT) complex is located on the 1st floor of the hospital. Ground floor has one emergency OT and one septic OT near casualty. Recently, 5 modular theaters of international standard with latest sophisticated equipments were constructed to cater for procedure with rspect to Laparoscopy, Gastroenterology, Urology, Hip replacement and microscopic surgeries.

* ***Number of Diagnostic Service Departments – 04***

Radiology, Pathology, Biochemistry and Microbiology.

The investigatire procedures available in the Radiology department are - Ultrasonography, X-Ray, Echocardiography, Mammography, Computerized Tomography (CT) scan, Magnetic Resonance Imaging (MRI), MRI-Angiography & color Doppler, spectroscopy to differentiate benign and malignancy. Pathology, Biochemistry and Microbiology laboratories work 24x7 performing routine as well as special investigations. Hospital Management System Software is set up and all reports and data are accessible on software.

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* ***Clinical Laboratories***

Central Clinical Laboratory located at the ground floor of hospital has three sections: Pathology, Biochemistry & Microbiology and provides services 24 x 7.

- Laboratories are upgraded with latest equipments periodically.

  Pathology Laboratory is equipped with: Automated Hematology analyzer - five part, Automated Hematology analyzer – three part, cytocentrifuge.

  Biochemistry Laboratory is equipped with a fully automated biochemistry analyzer, Arterial blood gas analyzer, Dry chemistry Radiometer. Fluorescent Microscopy, Quantitative Buffy Coat, BACTEC for Mycobacteria and other pathogens are available in Microbiology laboratory.

- The Biochemistry & Microbiology laboratory are assessed by External Quality Control Programme executed by Christian Medical College, Vellore.
- External samples for investigations are also accepted.
- Second opinion is sought for the samples of Hematology, Cytology, Histopathology and Immunohistochemistry.
- Screening for Cervical & breast cancer, Malaria and TB is done and awareness camps are conducted on regular basis.
- Free diabetic camp is organized every Thursday (Biochemistry).
- Timely orientation programmes are conducted for sensitization of Post graduates and Technicians.
- Other Service Sections:

  Eye Bank, Laundry, Kitchen, CSSD, Backup Power Supply, AC Plant, Manifold Rooms, Pharmacy services.

- Laundry - is located behind the hospital with an area of 86.87 square meters. Mechanized washing facilities are available for all types of linen. Laundry is equipped with:
- Washing machines: 2 in number with capacity of 402 kg linens within 8 hrs, i.e. in 6 loads.
- Hydro Extractor: 2 in number 15 minutes per load. Recently added equipments include -
- Sluicing machine (model PSSM7): with a load capacity of 7 Kg/ load & removes blood stains.
- Washing Machine (model PSWM50E): capacity - 50Kg dry linen Wt/ load.

- Hydro Extractor (model PHE25): Capacity - 25Kg dry linen Wt/load.
- Drying Tumbler (model *PDT25E):* Capacity - 25Kg dry linen Wt/load.
- Flat bed press (model PFB/P/E/A): With pneumatic lifting and auto head opening for pressing of trouser, pants, flat linen etc.

All the above laundry equipments are electrically operated.

- Kitchen - The hospital is having 45.62 sq meter kitchen area where inmates can prepare foods.
- For the patients of general wards, food is supplied free of cost under the "Annapurna Yojane" from admission to till discharge, with morning tea, breakfast, lunch and dinner.
- CSSD – It has an area of 354.4 sq. mtr., scientifically designed & works for 24 hours in 3 shifts. It is equipped with -
- Lactoseal Autoclave Machine (36 KV 440 Volts).
- M. F. Autoclave Machine (18 KV 440 Volts).
- Periclave : Horizontal Rectangular High Pressure High vacuum steam sterilizer (model P810R/V/A).
- Backup power supply - The generator room is located behind the hospital. Power supply backup is available for 24 hrs through 2 generators –
  - Powerica Salient 500 KVA
  - Powerica Salient 300 KVA

They are maintained by electrical & maintenance departments.

- AC Plant - Split ACs are provided in all the Operation Theatres, Critical care wards, Blood Bank and Diagnostic service departments. Centralized AC facility is available for third floor Operation Theatres and Critical care wards.
- Manifold Rooms - There are separate centralized rooms for oxygen and suction, which are managed by the OT nursing staff and located behind the hospital.
- Central Liquid Oxygen Plant: one KL Capacity of Two Oxygen Plants, installed in the Hospital Premises by Karnataka Industrial Gases Pvt. Ltd., Dharwad. This will be utilized for Operation Theater, NICU, Recovery, Post Operative and SICU wards.
- Establishment of 13 KL Oxygen Plant is in progress and the same will be utilized by whole hospital.

- Nitrous Jumbo (7 Cubic Capacity), Ward Cylinder (1.5 Cubic Capacity) and Pin Cylinder (0.60 Cubic capacity) are utilized by Operation theater.
- Central Suction Machine: 2 Numbers.
- Ingersoll Rand make Air Compressor Machine consisting 7HP Motor and Pressure 760. To store vacuum there is a tank with a capacity of 1500 leters. The vacuum will be utilized in Operation Theater, Recovery Room, Post Operative Ward, SICU, ICCU, CCU, PICU and labor ward in the Hospital.

- Pharmacy services - This Department is located near the main entrance, opposite the cash counter in the ground floor. It offers round the clock services dispensing medicines to OPD & IPD patients smoothly, with manpower working in three shifts 24x7. The statutory licenses i.e. Drug & Cosmetic Act-1940 and the Narcotic & psychotropic drugs Act-1985 are renewed periodically. Hospital provides free drugs to the poor patients in free health camps.

- Eye Bank Services :The Eye Bank is registered under the Transplantation of Human Organ Act 1994 by the Government of Karnataka and functions 24 x 7.

- Blood Bank Services

The Blood Bank is located at the ground floor with an area of 2500 square feet. It functions 24 x 7 and provides the facility for transfusion of whole blood / blood components. It works in collaboration with voluntary, government and non-government organizations to conduct blood donation camps. The blood bank has list of rare blood group donors list. For Thalasemia patients blood is provided free of cost. The licenses are renewed timely.

- Ambulance services

Ambulance services are available 24x7. Totally, there are 5 ambulances at the hospital, of which 2 are equipped with advanced life support facilities (ALS). Other 3 ambulances have been providing free services to the patients in emergency. One ambulance is dedicated for NTPC, Kudgi for 24x7 services as per the MOU. Free ambulance services are also provided for patients undergoing CT/MRI scans and HIV patients from ART centre, and investigations of refferred patents Civil Hospital.

- Drug Poison Information Service

- Poison Detection & Information Centre is located in casualty in the hospital, working 24 x 7 days a week. The centre provides toxicological information and advice on the management of patients of poisoned. It has the facility to detect plant poisons, pesticides, medical drugs, opium derivatives, heavy metals etc.,

- Mortuary, cold storage facility :

- Cold storage is available and maintained round the clock.
- It has the capacity of storing 6 bodies.
- Yearly around 100-120 Post Mortems are conducted.
- one staffs of four attenders & one clerk maintain the mortuary.
- Post Mortems are performed by the faculty members of Department of Forensic Medicine on rotation.

- Pharmacovigilance

The ADR monitoring cell is functioning with Professor and Head, Department of Pharmacology and Pharmacotherapeutics as the Convenor

(Table 4.3.a Adverse Drug Reactions (ADR) Monitoring Committee)

1)	Dr. M. S. Biradar	Principal	Chairman
2)	Dr. R. S. Wali	Prof. & Head Dept. of Pharmacology	Convener
3)	Dr. Vijaykumar K	Medical Superintendent	Member
4)	M. M. Angadi	Prof. & Head Dept. of Comm. Med	Member
5)	Dr. S. V. Patil	Prof. & Head Pediatrics	Member
6)	Dr. P. B. Jaju	Prof. & Head Dept. of OBG	Member
7)	Dr. P. G. Mantur	Asso. Prof. Dept. of Medicine	Member
8)	Dr. V. Sindgikar	Asst. Prof. Dept. of Surgery	Member
9)	Dr. Prof. S. Chopade	Principal, B.L.D.E.A's College of Nursing,Vijayapur	Member
10)	Shri. M. S. Patil	Pharmacist	Member

Activities under Clinical Pharmacology Unit

1. Clinical Pharmacology Unit has been installed in hospital premises with a two bedded ward and computers.
2. ADR forms are distributed to HODs of each clinical department and to Nursing Superintendent.
3. ADR boxes for reporting ADRs have been installed across different departments, OPDs, wards and casualty.

4. Department of Pharmacology has received 26 ADR reports from all departments.
5. Letter of intent has been sent to Indian Pharmacopoeia Commission NCC (PvPI), Ministry of Health & Family Welfare, Ghaziabad, UP, (India) to have a Pharmacovigilance Centre at our hospital.
6. Each of the ADR report is critically evaluated and relevant information provided to the reporter.
7. The Micromedex, subscription software is used to provide drug related information to clinicians.
8. Efforts are made in the form of a clinical exercise, where students in batches visit hospital wards and report ADR suffered as well as to sensitize undergraduate students regarding ADR reporting in future.
9. ADR reporting is introduced to the new internees during their internship orientation programme and also to the new post-graduate students.

* **Does the teaching hospital display the services provided free of cost?**

  There is display of services provided at the reception. The patients and attenders of the general wards are informed during admission, free services like ward/bed, nursing, doctor's visit and food.

* **What is the mechanism for effective redressal of complaints made by patients?**

  Most of the times the complaints received from the patients and the attendents individual are oral and approached directly to the administrators. The concerned authorities solve the problem immediately. If required it is brought to the notice of the Medical superintendent. Complaint and suggestion boxes are kept in vital areas of the hospital to enable the patient/ attendant individual to put written complaints in the boxes. Periodically, the boxes are opened and brought to the notice of the competent authority for redressal and suggestions are noted.

* **Give four years statistics of in patient and outpatient services provided.**

Year	IPD	OPD
2011	32995	466992
2012	30730	494251
2013	37803	526734
2014	39691	558182

* **Does the hospital display charges levied for the paid services?**

  The price board cost of related to health care cost is kept at all wards including OT and critical wards.

* **Are the names of the faculty and their field of specialization displayed prominently in the hospital?**

  Names of the faculty and their specialization are displayed in all the OPDs and departments.

* **Is pictorial representation of the various areas of the hospital displayed in a manner to be understood by illiterate patients?**

  Prominent pictures / boards are displayed in the hospital so that illiterate patients do not face any difficulty in accessing the health care facilities.

* **Is there a prominent display of ante-natal, mother and child health care facilities?**

  Pictorial displays for ante-natal, mother and child health care facilities are depicted at OBG OPD, ward and labor room.

* **How does the hospital ensure dissemination of factual information regarding rights, responsibilities and the health care costs to patient and the relatives/attendants?**

  Patient's responsibilities are displayed in local and English languages at the ground floor. The treating doctor, public relationship officer and empanelment case worker explain the rights & responsibilities and the health care services procedures & costs to patient and the relatives /attendants/individuals. The price list related to health care costs are displayed at all wards and ground floor.

* **How does the hospital ensure that proper informed consent is obtained?**

  The consultant will explain the condition and the outcome of treatment to the patient and attendants/individuals. After oral explanation, written consent will be obtained.

* **Does the hospital have well-defined policies for prevention of hospital-acquired infections?**

  The Hospital Infection Control Committee (HICC) addresses the issues and the preventive measures are conveyed to the concerned staff & department. Monthly meeting is conducted in the first week of every month. HICC board is displayed near Casualty in the hospital.

* **Does the hospital have good clinical practice guidelines and standard operating procedures?**

Standard Operative Procedures are available and followed in the respective departments.

* **Does the hospital have effective systems for disposal of bio-hazardous waste?**

  Waste disposal is managed as per the guidelines of Pollution Control Board. Prominent pictures regarding the color codes / method of disposal for respective wastes are displayed at the collection area /site, for proper disposal into respective bins in all the wards, OPDs and laboratories.

* **How does the hospital ensure the safety of the patients, students, doctors and other health care workers especially in emergency department, critical care unit and operation theatres? Are the safety measures displayed in the relevant areas?**

  High risk patients like swine flu, pulmonary tuberculosis are identified and admitted in separate isolation wards under proper care and observation by experienced staff. The doctors and employees exposed to patients of Retro viral diseases and Hepatitis B virus are identified and vaccines are provided free of cost to the above staffs. A register is maintained for this purpose.

* **How are the Casualty services/Accident and Emergency Services organized and effectively managed?**

  A separate Casualty & Emergency Unit functions in the hospital, round the clock to deal with different types of medical and surgical emergencies. A specialized, state of the art operation theatre with two operating tables has been assigned to the unit. High tech equipments like monitors, ventilators, defibrillators, etc. offer critical medical services during emergency situation. The Emergency Unit comprises its very own staff of specialists, paramedics and nurses. Casualty Medical Officer, Senior Resident, senior/junior Post Graduates and Internees work 24x7 in the casualty.

* **Whether the hospital provides patient friendly help-desks at various places.**

  Help desk is available at the reception with empanelment case workers & public relation assistants. The nursing staff at all OPDs guides and assists the patients and attendants individuals.

* **Does the hospital have medical insurance help desk?**

  Yes. The hospital has medical insurance help desk.

* **What are the other measures taken to make the hospital patient friendly?**

Public relation assistants have been appointed to assist the patients and attendants individuals especially for illiterates. Other facilities which assist the patients and attenders include, ramps & lift facility, potable drinking water facility at all the floors and 24 hours coffee shop. Free ambulance service is provided for emergency and CT/MRI referral cases from outside.

* **How does the hospital achieve continuous quality improvement in patient care and safety?**

  Orientation programmes, workshops, Orientations skill lab orientation for medical and paramedical staff as well as / PGs are conducted to enhance proficiency in patient care and safety.

* **What are the measures available for collecting feedback information from patients and for remedial actions based on such information?**

  The hospital is receiving information from patients as well as attendants individualsthrough feedback forms. Suggestion boxes are placed in the hospital at key areas. The formats will be reviewed by the administrator and the short comings are rectified.

* **How does the institution ensure uniformity in treatment administered by the therapists?**

  The departments have assessment and evidence based treatment protocols for specific diseases which are strictly followed by the doctors.

* **Does the institution conduct any orientation training program for AYUSH-based para-medical staff?**

  Not applicable

4.2.2 What specific features have been included for clinical learning in the out-patient, bedside, community and other clinical teaching sites?

Each department prepares teaching plans as per the norms of statutory regulatory authority (MCI) and displayed on the notice boards. Teching of students inrespect of Inpatient and outpatient's teaching is planned by individual clinical department. Unit wise teaching plan is prepared and the time table is executed accordingly. Department of Community Medicine prepares the schedule for teaching, postings in Rural Health Centre / Urban Health Centre, community services and camps.

4.3 Library as a Learning Resource.

4.3.1. Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been implemented by the committee to render the library student/user friendly?

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Yes. The Institute has a Library Advisory Committee which monitors functioning of the library under bye-laws governing the working of the BLDE University for Library Committee (under Rule 4(vii) of the MoA).

The composition of the Committee is as follows:

1	Vice Chancellor	Chairman
2	Dean Faculty of Medicine & Principal	Member
3	Vice Principal	Member
4	Prof. from Physiology	Member
5	HOD Dermatology & Venerology	Member
6	Registrar	Member
7	Librarian	Member
8	Librarian	Member
9	Chief Librarian	Member- Coordinator

The Library Committee has implemented many initiatives to ensure better facilities for students which are user friendly. The important ones are: 24x7 reading room for UG / PG students, digital library with 40 work stations with HELINET facility for free online access to e-journals, e-books and unlimited download. The library is equipped with Wi-Fi and video conferencing facility. There is timely improvement in library books and journals collection based on user recommendations. The meetings of Library Committee meetings are held quarterly and the proceeding of the meetings are circulated among the members.

4.3.2. Provide details of the following

* Total area of the library : 2400 Sq. Mts.
* Total seating capacity : 691
* Working hours (on working days, on holidays, before examination, during examination, during vacation) All the 365 days: 8.00 AM to 10.00 PM
- Circulation and reference: All the 365 days: 8.00 AM to 10.00 PM
- Reading room facility : Round the clock (24X7) on all the 365 days
* Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

Sl. No.	Area	Section	Sq.Mtrs
I	Ground Floor	Reference & Periodical Section for PG & Faculty - Left wing	400.00
		Reference/Textbook Section for UG/PG/Faculty - Right wing	400.00
		Library office, Xerox, Circulation Counter - Center wing	124.00
		Librarian Cabin	26.00
II	Mezzanine Floor	Digital Library - Left Wing	237.50
		Postgraduates Reading Room and old book storage - Right Wing	237.50
		A/V Room	26.00
III	First Floor	Undergraduates Reading Room 1 - Left Wing	400.00
		Undergraduates Reading Room 2 - Right Wing	400.00
		Center Wing – PG Reading Room	150.00
Total			2400.00

For better library ambiance, individual reading carrels have been created in the reading rooms for both UG & PG students and faculty.

* **Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection**

  Clear and prominent display of floor plan - is in place

  Adequate sign boards have been displayed

  Fire alarm - Yes

  Fire extinguisher - 20

  Access to differently–abled users - Ramp facility is provided and additional books and reading materials are issued on long term basis

  Mode of access to collection - Open access

* **List of library staff with their qualifications**

SL.No.	Name of the Staff	Qualification	Designation
1	Dr. Shekara H P	M.Lib.Sc,.M.Phil.,B.Ed., PGDHRM., Ph.D.	Chief Librarian
2	Smt. S. S. Hiremath	B.Sc, M.Lib.Sc,.M.Phil	Sr. Librarian
3	Smt. Manjula	B.Com, M.L.I.Sc., M.Phil., K-SET.	Sr. Librarian

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4	Sri. S. C. Lalasangi	B.A,M.Lib.Sc,PGDHL.	Asst. Librarian
5	Sri. ShivakumarAcharya	M.Com, M.Lib.Sc., M.Phil., PGDLAN., UGC-NET	Asst. Librarian
6	Sri. Harshavardhan S.M.	M.L.I.Sc., PGDCA., K-SET	Asst. Librarian
7	Sri. B. D. Biradar	M.A., M.Phil. M.Lib.Sc.	FDC
8	Sri. R. G. Ambalagi	B.Com, M.Lib.Sc., M.Phil.	CCT
9	Sri. D. L. Nidoni	M.Com	SDC
10	Sri. Mohan Kamatagi	B.C.A. MSCA.	Network Tech.
11	Sri. U. A. Kaladagi	B.A., B.Lib.Sc.	Peon
12	Sri. S. M. Kadakol	PUC	Peon
13	Smt. D. S. Pujari	PUC	Attender
14	Sri. C. S. Kudagi	SSLC	Attender
15	Sri. S. S. Nimbal	SSLC	Peon
16	Sri. S. G. Hukkeri	SSLC	Peon
17	Sri. G. A. Rajaput	SSLC	Peon

4.4.3. Give details of the library holdings:

* Print (books, back volumes, theses, journals)

Books (total)	18408
Medical books	16207
Kannada books	407
Gift books	1347
SC / ST book bank	447
Back volumes of journals	7378
Journals	152/year
Indian	76/year
International	76/year
Postgraduate Dissertations	520
Ph.D thesis	3

Thesis of other university are also maintained

* Average number of books added during the last three years : 2899

Year	No of books
2013-2014	1159
2014-2015	754
2015-2016	986

* **Non Print**

Audio Cassettes	118
Video Cassettes	52
CD/DVD	410

* **Electronic (e-books, e-journals)**

E Books	90
E Journals	128 (National – 71; International – 57)

HELINET Consortium resources

E-Books	3836
E- Journals	297
Proquest Health and Medical complete database journals	721

Proquest Nursing and Allied Health source database

* Special collections (e.g. text books, reference books, standards, patents)

Text books	9854
Reference books	7618
Standards	Nil
Patents	Nil

* **Book bank**

SC / ST book bank 447

* **Question bank – Yes**

4.3.4. To what extent is ICT deployed in the library? Give details with regard to

* Library automation: Done (using NewGenLibsoftware)
* Total number of computers for general access: 40
* Total numbers of printers for general access: 01
* Internet band width speed: 50 Mbps leased line.
* Institutional Repository: Yes (using DSpace)
* Content management system for e-learning: In progress
* Participation in resource sharing networks/: HELINET (Sharing with other library) / RGUHS

4.3.5 Give details of specialized services provided by the library with regards to

* **Manuscripts:** Available in the form of dissertation /thesis.
* **Reference:** All standard reference books are available in the reference section.
* **Reprography/scanning of documents:** facility is accessible.
* **Inter-library Loan Service:** Nill
* **Information Deployment and Notification :** Available
* **OPAC :** Available
* **Internet Access (academic sites):** High Speed Internet facility through dedicated Internet Leased Line.
* **Downloads (academic resources):** Download facility is available
* **Printouts (academic content):** Printers in the library provide the printing facility to students & faculty.
* **Reading list/ Bibliography compilation:** Available
* **In-house/remote access to e-resources:** Accessible
* **User Orientation:** Library regularly organizes orientation programmes for UG/PG students and Ph.D. research scholars.
* **Assistance in searching Databases:** Assistance is provided as and when needed.
* **INFLIBNET/HELINET:** HELINET : Available

4.3.6 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

The amount allotted and the amount spent for purchasing new books and journals is as follows:

Budget requirements for the financial year 2015-16 (Table 4.7)

Sl. No.	Equipments / Assets, make or Specification	Purpose	Total Value (Rs)
1	Text Books	To add latest editions of textbooks to the Library collection.	4 Lakhs
2	Reference Books	To add additional reference books to the Library collection. This collection is useful for Faculty, PGs and research scholars.	20 Lakhs
3	Year Books & Recent Advances	To support research and continuing education, yearbooks, recent advances &advances are the important resources.	4 Lakhs

4	WHO Publications	Renewal for the WHO Global package publications.	1.5 Lakhs
5	Renewal of current Journals		
	A) International Journals	To renew the existing current International journals and subscribe the new journals. Further subscription cost of the International journals increases by 10% to 15% every year. Hence we have increased our budget for International journals.	60 Lakhs
	B) National Journals	Renewal of Indian journals.	5 Lakhs
6	Binding	Binding of torn out books and back volumes of journals.	1.5 Lakhs
7	Book Racks	To accommodate the additional books and back volumes of journals, we may need twelve book racks.	5 Lakhs
8	Digital Library	Server to install NewGenLib software (Library Automation), introducing Biometrics and to purchase Touch screen Computers (3No.) and related furniture with CCTV Camera's (6No.)	8 Lakhs
9	MEDLINE	Purchasing on line Database	9 Lakhs
10	Internet Charges	Annual charges for Internet connection.	10 Lakhs
11	CLE / Workshop	Conducting training on usage of e-resources.	2 Lakhs
12	Miscellaneous	Printing, electrical and water supply maintenance, etc.	2 Lakhs
		Total	**1 Crore 32 Lakhs**

Amount spent for purchasing new books 2015-16 - Rs. 27,09,163.79

Amount spent for purchasing new journals2015-16 - Rs.58,22,542.00
(International– Rs. 55,17,169.00. Indian - Rs. 3,05,373.00)

4.3.7 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

The Library collects feedback through Suggestion box and Library user survey, through questionnaire/ feedback form. . The feedback is used for enhancement of collection based on user recommendations, infrastructure development and improvement of services to library users.

4.3.8 List the efforts made towards the infrastructural development of the library in the last four years.

- Reading hall with 150 seating capacity is air conditioned.

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- Extended the digital library with computers from 15 to 40 and section is air conditioned.
- Converted internet connection of BSNL broadband speed from 4 Mbps to 50 Mbps leased line.
- Wi-Fi facility in library building.
- Video conferencing facility has been created and is being used.
- Remote access to HELINET resources.
- Two computer systems are installed for OPAC in the central hall.

Others

Library as a learning centre provides a full range of research and information services to support all the learning, research and patient care activities of the University. It also serves the wider health care information requirement of the University and academic research communities.

The services provided by the library are:

- Current Awareness Services (CAS).
- Automated Circulation.
- Literature Search through Database & Internet resources.
- Document Delivery Service (DDS).
- Reprography Service.
- Referral Service.
- News paper clipping service.
- Automatic E-mail alert service.
- Electronic resource search service through internet.
- Old question papers repository on DSpace.
- Faculty research publications repository on DSpace.
- OPAC (Online Public Access Catalogue).
- Library resource report generation as per the user requirements through NewGenLib library automation software.
- Selective Dissemination of Information.
- Indexing Services.
- Book Bank services for SC/ST students.
- Established 22 departmental Libraries attached to various departments for the intensive use of library resources.
- Display of Health awareness day.

- Scanning of documents.
- Open access resources directory.
- Extension of Library services to outside students to use the library facilities as per the institutional norms.

4.4 IT Infrastructure

4.4.1 Does the institution have a comprehensive IT policy with regards to:

* IT Service Management
* Information Security
* Network Security
* Risk Management
* Software Asset Management
* Open Source Resources
* Green Computing

Yes, University IT Unit has established policies for Email Usage, Computing and Network resource Access.

4.4.2 How does the institution maintain and update the following services?

Provide details:

* Hospital Management Information System (HMIS)
* Electronic Medical Records System (EMR)
* Digital diagnostic and imaging systems including PACS

- Institution has in-house developed Web based Hospital Management Information System and deployed by the University IT Unit with following modules:

  OPD/IPD Registration

  Lab Registration and Reporting

  Billing

  ICD Coding with search feature

- Medical Record Section in the hospital connected through Hospital LAN with scanning & digitization facilities, maintains all records to update ICD coding and easily retrieve patient records.
- The Dept. of Radiology has latest PACS in place to easy report of different digital diagnostic and imaging systems like CT, MRI etc

4.4.3 Give details of the institution's computing facilities i.e., hardware and software.

* Number of systems with individual configurations - 200
* Computer-Student ratio - 1:4

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* ***Dedicated computing facilities -***

- Dedicated Servers for Hospital Management Information System, Academic Management Information System.
- Department of Radiology has PACS server with SAN storage facility.
- Digital Library with 40 High Configuration Work stations.
- Library Management Software Server.
- Institutional Repository Server
- Accounting Server.
- Secondary dedicated replication servers for HMS and PACS servers for High Availability.
- Lecture halls are equipped with computers for processing multimedia data.
- Clinical Skill Laboratory is equipped with 21" displays for every equipment.
- Apple MAC Desktop Computer for Department of Medical Illustration.

* ***LAN Facilities –***

- Connecting Library, Hostels and Administrative office to share the network resources.
- Clinical departments of hospital, OP/IP Registration counters, medical record department and office are connected with 1Gbps LAN

* Wi-Fi facility: Secured Enterprise class Wi-Fi facility is available in Library & Hostels.

* **Propriety Software:**

- Microsoft Volume License.
- SPSS Version 21 : Statistical Analysis software for Research.
- Tally ERP 9 for Consolidated Accounting of all units on daily basis.
- Academic Management Application Software.

* Number of Nodes/ Computers with internet facilities: 200

* Any other specify:

- Dedicated (1:1) 50Mbps Enterprise class Internet Leased Line.
- CCTV Surveillance System with Storage and Live Monitoring.

4.4.4 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- University is in the process of deploying campus wide optical fiber IP

intranet at a cost of 70 lakhs connecting academic departments, Central Library, Lecture Halls, Hostels and 10 Gbps Optical Backbone to Teaching Hospital.

- Enterprise class and highly secured Wi-Fi Facility in Academic Departments, Hostels and other strategic campus locations.
- Central data centre with high capacity servers, Enterprise class Firewall, Managed Core Network Switches, Wi-Fi Controller and IP Surveillance Storage for easy to monitor and maintenance.
- VPN service implementation for secured access to campus intranet from remote locations.
- Implementation of department wise Virtual LAN and user specific login credentials to make IP network infrastructure secure and reliable.

4.4.5 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching-learning and research.

- Students and faculty have access to Institutional repository server.
- Institution has subscription to online e-journals like HELINET

4.4.6 What are the new technologies deployed by the institution in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

- Academic Management Information Software (MIS) is installed with below modules to efficiently manage student and faculty information which is easily accessed through secured authentication methods by students, faculty and administrative staff.

a) Admission: Online seat selection, fee collection, application and document submission along with photos and biometric data of students.

b) Examination Module: Complete Automation of Examination process like exam application, eligibility, examination block allocation, coding, awarded marks entry and result processing.

c) Hostel Module: Hostel Fee Collection, Room Allocation, Transfer and Exit

d) Fixed Asset Management.

e) Management of Dashboards and MIS Reports: Realtime Analysis of Student Data and related detailed reports.

f) Communication Module: Dedicated Online Student Portal shared with parents along with SMS and Email communication.

- Video Conference and Webinar Facility for effective inter departmental and from other institutions located across the globe.
- Every lecture hall is equipped with Digital podium and Smart panels to enhance teaching and learning process.
- Operation Theaters of Teaching Hospital have video streaming equipments to easily access live clinical surgeries from Lecture Halls and Department of Medical Education .

4.4.7 What are the IT facilities available to individual teachers for effective teaching and quality research?

- Access to online e-resources from library to support teaching and research
- Wi-Fi Internet Facility in Library.
- Google Apps For Education with collaborative tools like Drive, Calendar, Docs etc
- Digital Library with High Speed Internet Connection.

4.4.8 Give details of ICT-enabled classrooms/learning spaces available within the institution. How are they utilized for enhancing the quality of teaching and learning ?

ICT Enabled Lecture Halls:

a. Lecture theaters: Lecture Halls-7, Gallery Halls- 4, Clinical Skill Lab-1 Level Halls – 3 (equipped with audio visual aids like Digital podium with smart panel) Visualizers, Audio equipments and LCD Projectors.

b. Accommodation in each : Varies from 80 to 350 students

c. Audio-visual facilities : Available

d. Light & Ventilation : Adequate

Hands on orientation programmes are regularly organized for students & faculty for effective use of ICT facilities and e-resources.

4.4.9 How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the institution for such initiatives?

- Department of Medical Education is equipped with High specification Digital podium and interactive smart panel to conduct regular hands on trainings with assistance of IT support staff.

- The faculty is encouraged to make teaching more effective by using LCD projector with power point presentations. Each department is provided with a computer.
- On time, IT staff assistance is available to utilize all available Audio Visual Equipments in Lecture Halls

4.4.10 Does the institution have annual maintenance contract for the computers and its accessories?

BLDE University IT unit maintains all the computers under supervision of IT Head with below activities:

- Preventive Maintenance Activity.
- Regular Data Backup with critical data on daily basis.
- Management of Database Integrity.

The majority of computers & accessories are under warranty period. However, the institution will have Annual Maintenance Contract in future.

4.4.11 Does the institution avail of the National Knowledge Network (NKN) connectivity? If so, what are the services availed of?

The institution has applied for National Knowledge Network (NKN) connectivity. Response is awaited.

4.4.12 Does the institution avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

Yes. Accessible through Wi-Fi and Digital Library.

4.4.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the institution.

The annual budget for purchase, repair and maintenance of computer is as follows-

Annual Budget (Table 4.8)

Year	Purchase	Repair & Maintenance
2013-2014	50 lakhs	05 lakhs
2014-2015	44 lakhs	4.5 lakhs
2015-2016	75 lakhs	7 lakhs

4.4.14. What plans have been envisioned for the transfer of teaching and learning from closed institution information network to open environment?

* The university has planned to upgrade the current video-conferencing facility to facilitate Live webinars and interactive sessions from other institutions.
* Selected Academic and Research material is uploaded to institutional repository which is hosted for open environment.
* University is in the process of deploying Alumni e-portal to leverage sharing of e-resources.

4.5 Maintenance of Campus Facilities

4.5.1 Does the institution have an estate office / designated officer for overseeing the maintenance of buildings, Classrooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

The institute has Estate Office headed by Estate Officer, who oversees maintenance of all the facilities, buildings on the campus, gardens, electricity water supply and cleanliness of the campus. There is Construction Cell to support maintenance work.

4.5.2 How are the infrastructure facilities, services and equipments maintained? Give details.

The Estate Office and Department of Electric maintains infrastructure facilities on the campus, college & hospital. All the equipments at hospital and departments are maintained through AMCs.

4.5.3 Has the institution insured its equipments and buildings?

All the buildings & high-end equipments such as CT, MRI etc are insured.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

5.1. Student Mentoring and Support

5.1.1. Does the institution have a system for student support and mentoring? If yes, what are its structural and functional features?

Yes. The Student Mentor system is established to support and mentor the students for better performance and social behavior. All the students are grouped in to various groups and each group is allotted to a teacher to monitor.

Table 5.1 Composition of Mentoring Committee:

Sl. No.	Name	Designation
1.	Dr. M S Biradar Dean FoM, & Principal	Chairman
2.	Dr. Vallabha K, Prof & HoD, Ophthalmology	Member
3.	Dr. Shadakshari. S. M, Assoc. Prof, Ophthalmology	Member
4.	Dr. M. S. Mulimani, Prof & HoD, Medicine	Member
5.	Dr. B. R Yelikar. Prof. & HoD Pathology	Member
6.	Dr. Dayanand G Gannur, Professor, Forensic Medicine	Member
7.	Dr. M. M. Angadi, Prof. & HOD , Community Medicine	Member
8.	Dr. M. C. Yadavannavar, Professor , Community Medicine	Member
9.	Dr. Rekha Udgiri, Professor , Community Medicine	Member
10.	Dr. M. R. Gudadinni, Assoc. Prof , Community Medicine	Member
11.	Dr. Tejaswini Vallabha, Prof & HOD , Surgery	Member
12.	Dr. Aravind. V. Patil, Professor , Surgery	Member
13.	Dr. M. B. Patil, Professor , Surgery	Member
14.	Dr. B. B. Metan, Professor , Surgery	Member
15.	Dr. Hemanth Kumar M, Assoc. Prof , Surgery	Member
16.	Dr. B. S. Narasanagi, Assoc. Prof , Surgery	Member
17.	Dr. Ramakanth Baloorkar, Assoc. Prof , Surgery	Member
18.	Dr. Dayanand Biradar, Asst. Prof , Surgery	Member
19.	Dr. Anita Javalagi. Asst. Prof, Pathology	Member
20.	Dr. Badiger Sharanabasawappa, Professor , Medicine	Member
21.	Dr. L. S. Patil, Professor , Medicine	Member

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22.	Dr. S. N. Bentoor, Professor, Medicine	Member
23.	Dr. R. M. Honnutagi, Professor, Medicine	Member
24.	Dr. A. P. Ambali, Professor, Medicine	Member
25.	Dr. V. G. Warad, Professor , Medicine	Member
26.	Dr. P. G. Mantur , Assoc. Prof , Medicine	Member
27.	Dr. S. M. Biradar, Assoc. Prof , Medicine	Member
28.	Dr. G. S. Mahishale, Assoc. Prof , Medicine	Member
29.	Dr. P. B. Jaju, Prof. & HOD , OBGY	Member
30.	Dr. S. R. Mudanur, Professor , OBGY	Member
31.	Dr. V. R. Gobbur, Professor , OBGY	Member
32.	Dr. S. R. Bidri, Professor , OBGY	Member
33.	Dr. Neelamma. Patil, Assoc. Prof , OBGY	Member
34.	Dr. B. M. Bannur, Prof & HOD, Anatomy	Member
35.	Dr. B. G. Patil, Professor, Anatomy	Member
36.	Dr. R. S. Bulagouda, Assoc. Prof, Anatomy	Member
37.	Dr. S. H. Deshpande, Asst. Prof , Anatomy	Member
38.	Dr. Ashwini B Nuchhi, Asst. Prof , Anatomy	Member
39.	Mr. G. A. Hadimani, Lecturer, Anatomy	Member
40.	Mr. I. B. Bagoji, Lecturer, Anatomy	Member
41.	Dr. B. S. Patil, Lecturer, Anatomy	Member
42.	Dr. Lata Mullur, Assoc. Prof , Physiology	Member
43.	Dr. C. M. Kulkarni, Assoc. Prof , Physiology	Member
44.	Dr. S. M. Patil, Assoc. Prof , Physiology	Member
45.	Dr. Shrilaxmi Bagali, Asst. Prof , Physiology	Member
46.	Dr. Nilima Dongre, Assoc. Prof , Biochemistry	Member
47.	Dr. Parinita K, Asst. Prof , Biochemistry	Member
48.	Dr. Anand P, Asst. Prof , Biochemistry	Member

The Mentoring Committee meets quarterly to review and appraise students' difficulties and progress.

The Mentor is expected to-

- Monitor and collect information from the departments about academic performance of his/her/mentees besides personal issues, if any.
- Collect information from the Hostel Warden about the well-being and regularity of his/her mentees staying in the hostel.

- Discuss the collected information with the Principal identifying the areas where mentoring is required and take appropriate decisions to mentor the students wherever necessary.
- Keep the parents informed about the progress and well being of his/her mentee.

5.1.2. Apart from classroom interaction, what are the provisions available for academic mentoring?

Apart from classroom interaction, students who need academic mentoring are identified and tutorial classes are provided separately to enhance their learning abilities to cope with the academic requirements and expected outcome.

5.1.3. Does the institution have any personal enhancement and development schemes such as career counseling, soft skills development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

In our Medical Institution, the graduates and postgraduate students opt for either self-employment or further studies and hence there is no role of institutional placement cell for the purpose of gainful employment. However, the senior faculty extends desired guidance and required counseling for higher education and training to the needy students.

5.1.4. Does the institution have facilities for psychosocial counseling for students?

YES. Psychosocial Counseling Cell is functional.

5.1.5. Does the institution provide assistance to students for obtaining educational loans from banks and other financial institutions?

YES. During admission session, the Institution facilitates during counseling sessions between bank officials and newly admitted students with their parents. The Institution provides needed certificates and documents to process the Bank Loan.

5.1.6. Does the institution publish its updated Prospectus and Handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

YES. The Institution publishes an updated annual brochures & prospectus separate for UG and PG every year. Prospectus gives information about the various departments, courses being offered, intake and other infrastructural facilities, eligibility criteria, fee details etc. The updated brochure and prospectus are also uploaded on the institutional website www.bldeuniversity.

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ac.in to facilitate online access to brochure and prospectus. Handbook is also brought out.

5.1.7. Specify the type and number of institution scholarships / freeships given to the students during the last four years. Was financial aid given to them on time? Give details. (in a tabular form)

The Institution has initiated freeship from 2011 where in 5%(8 seats) of the total MBBS seats were given free to the students of Bijapur District and who were within 1500 rank in State CET. From 2014, the free seats have been raised to 10 % (15 Seats) for those within 2000 range.

5.1.8. What percentage of students receives financial assistance from state government, central government and other national agencies?

Approximately 2% of the students get financial assistance from various agencies of State Government.

5.1.9. Does the institution have an International Student Cell to attract foreign students and cater to their needs?

Yes. The institution has an International Student Cell to attract foreign students. We also advertise in leading National and International News Papers like The Hindu, Deccan Herald (India), Straits times (Singapore) and Gulf News (Dubai) for the admission.

5.1.10. What types of support services are available for

* **Overseas students**

  Separate hostel, food of preference, security, help in police verification and visa.

* **SC/ST, OBC and economically weaker sections.**

  Facilities like Book Bank for the weaker section are in place.

* **Physically challenged / differently-abled students.**

  Lift facility, ramp, and wheel chair facility are provided.

* **Students participating in various competitions /conferences in India and abroad**

The faculty members of the institution support and guide students to participate in quiz competition, arts fests and sports. Faculty member selects students for various inter collegiate and state level competitions. Students of our institution have won prestigious quiz competitions. The College gives special attention to the students participating in the university youth festivals. Two faculty members including one lady faculty accompany to support the students to participate in various events. The University spends considerable sum towards expenses incurred in connection with such events.

* **Health centre, health insurance etc. -**

  All the health care facilities are free of cost for students studying in our institution.

* **Skill development (spoken English, computer literacy, etc.)**

  The College has a computer centre that caters to the needs of the student community. The computer operator employed by the college gives special assistance to students reaching the centre in basic computing skills and also in internet browsing. The tutorial sessions organized at the department level gives opportunities to students for acquiring these skills. Kannada speaking course is conducted by "Kannada Culture" Department to all the students studying in our institution.

* **Performance enhancement for slow learners.**

  Teachers of our institution do take extra classes, tutorials and do counsel them to aim at best. The mentors of the concerned student group will identify suitable measures to increase the performance of slow learners.

* **Exposure of students to other institutions of higher learning/ corporate/business houses, etc.**

  Students do visit other institutions for exposure and learning. Post Graduate students are posted to NIMHANS, Jayadev institute of Cardiology, All India Speech and Hearing Centre, Mysore, Kidwai Institute of Oncology and Bangalore Institute of Oncology for super specialty training in these respective specializations. The Institution invites experts from higher learning Institutions, periodically, to interact with the students.

* **Publication of student magazines, newsletters.**

  Yes. Quarterly News Bulletin and student magazines are annually published.

5.1.11. Does the institution provide guidance and/or conduct coaching classes for students appearing for competitive examinations (such as USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS)? If yes, what is the outcome?

Individual departments support students in preparing for postgraduate examinations, by conducting orientation classes during the tutorial sessions. The College has a coaching centre dedicated for training students for appearing in post graduate entrance examination in which about 90-100 students are trained every week in two batches.

5.1.12. Mention the policies of the institution for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

* Additional academic support and academic flexibility in examinations:

  Students participating in sports and cultural events, organized in other Institutions, are supported in every way. Extra classes and internal assessment examinations are conducted for them, separately.

* Special dietary requirements, sports uniform and materials

  Uniforms with required sports materials and special dietary requirement are being provided.

* Any other (specify)

  The College being an educational institution has several student welfare schemes. The Women's Cell over the years has organized programmes aimed at the welfare of girl students. These included life skills development, legal counseling and personality development.

- Students are sent to attend various programmes outside the campus, to participate in quiz, debate and other competitions.
- The institute also organizes cultural programmes to bring out hidden talents of the students at college level.
- The NSS Unit of the college conducts several programmes every year to develop student personality and skills. Volunteers get opportunities to attend state and national camps being organized by the NSS.

5.1.13. Does the institution have an institutionalized mechanism for student placement? What are the services provided to help students identify job opportunities, prepare themselves for interviews, and develop entrepreneurship skills?

The Institution being a medical college, the graduates and postgraduate students opt either for self employment or higher studies and hence there is little or no role of institutional placement cell for the purpose of gainful employment. However, the senior faculty for higher education extends desired guidance and required counseling to the students who approach the faculty.

5.1.14. How does the institution provide an enriched academic ambience for advanced learners?

- Institution provides funds for research projects.
- Strong library Support - 24x7 open 365 days.

- Preparing for National level quiz competitions
- Involvement of students in Faculty ICMR projects.
- Training for PG entrance test.

5.1.15. What percentage of students drop-out annually? Has any study been conducted to ascertain the reasons and take remedial measures?

No dropouts, since five years.

5.1.16. Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

Great majority of the students either take up self-employment or go to pursue Postgraduate Studies. There is no need for campus placement.

5.1.17. Does the institution have a registered Alumni Association? If yes, what are its activities and contributions to the development of the institution?

YES. The institution has registered Alumni Association (reg. no.sor/645/drcs-524/08-09) and its current office bearers are:

Table 5.2. Office bearers of Alumni Association	
President	Dr. M S Biradar
Vice President	Dr. R M Honnutagi
Secretary	Dr D.G Gannur
	Dr. Gudadinni
Treasurer	Dr. C M Kulkarni

There are 1140 registered members till date. During the last Five Years the Alumni Association has conducted an International CME in 2010, Global Alumni Meet in 2013, participated in the several developmental activities of the College. Alumni Association has contributed Rs. 2 lakh for instituting Foundation Lecture on the eve of celebration of foundation day of alumni association. The Alumni Association also sponsors a Gold Medal for Best Outgoing Undergraduate Students.

5.1.18. List a few prominent alumni of the institution.

Table 5.3 Prominent Alumni		
SL.NO	**Name**	**Field of Expertise**
1	Dr.Pundappa Bhusareddy.	Director Gadag Institute of Medical Sciences. Gadag
2	Dr Prashant Raphael	Cardiology
3	Dr Raghotham Reddy	Director of Cardiac Catheterization Lab, LA USA

4	Dr S Jagadeesh Babu	Orthopaedician
5	Dr M Satish Babu	Gastroenterologist
6	Dr Santosh Enaganti	Gastroenterologist
7	Dr Madhusudhan R.	Endocrinologist Florida. USA
8	Dr Rakesh Sajjan	Nuclear Medicine
9	Dr Rakhi Singh	Infertility Specialty
10	Dr Dharamveer Tyagi	Anaesthesia
11	Dr S K Jawahar	Hospital Administration
12	Dr.OmSai Ramesh Vallamkonda	Child Psychiatrist Hyderabad
13	Dr.Vijayakumar Kalyanappagol	Medical superintendent Shri.b.M.Patil Medical College Hospital Vijayapur
14	Dr.Vijay Kumar Nair	Vice Principal, Prof. & HoD forensic Medicine Vinayaka Mission Medical College. Karaikal Puducherry.
15	Dr. Shibu vergis	Anti-doping officer for BCCI India, C certificate cricket umpire.
16	Dr. Asheem	Medical superintendent, prof & HOD chalamala anadrao institute medical sciences. Bommakal Karimnagar
17	Dr Rajesh Maheshwaran	Global Head Institutional Bussiness Stride Arcolab Bangalore

5.1.19. In what ways does the institution respond to alumni requirements?

Infrastructural facility- office

Hostel facility for alumni taking up competitive exams.

Library facility for Alumni

Interaction with Teachers.

Guest House facility

5.1.20. Does the institution have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

Yes. The institution has a Grievance Redressal Cell.

Table 5.4.a Composition of Grievance Redressal Cell.

1.	Dr. M.H. Patil Prof. of Ophthalmology	Chairman
2.	Dr. Ashok Naik Prof. of Orthopedics	Member

3.	Dr. Surekha U. Arakeri Prof. of Pathology	Member
4.	Dr. Sumangala Patil Prof. of Physiology	Member
5.	Miss. P. Sushma	Student Representative
6.	Mr. Anirban Pal	Student Representative
7.	Mr. Piyush Kumar Mohanthy	Member Secretary

Table 5.4.b Nature of Complaints and Action Taken	
Nature of complaint	Action taken
Hostel: Change of Mess Management in the hostel was demanded.	Corrective measures were taken
Examination: students complained regarding continuous university theory exams	Corrective measures were taken
Library: students complained regarding the library working hours :	Now the library is open 24 hours.

5.1.21. Does the institution promote a gender-sensitive environment by (i) conducting gender related programs (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

Yes. The College has constituted 2 Committees based on the guidelines formed by Supreme Court of India.

a. Committee for the prevention of Sexual Harassment of Women.

Sl. No.	Name and Designation	Status in the Committee
1.	Dr. (Mrs.) Tejaswini Vallabha Vice Principal and HOD Surgery	Chairperson
2.	Prof. (Mrs). S. Varadrajan Secretary , Spruti Mahila Mandal, NGO	Member
3.	Dr. D. G. Gannur Professor, Forensic Medicine	Member
4.	Mr. Satish B. Patil Deputy Registrar	Member
5.	Mrs. Mangala Koli Staff Nurse	Member

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6.	Miss. Netra Reddy 8th Term Student	Student Representative
7	Mr. Deepak Patil 4th Term Student	Student Representative
8	Dr. (Mrs.) H. T. Lathadevi Professor of ENT	Member & Convener

b. Committee for Women Empowerment.

Composition of Committee

Sl. No.	Name and Designation	Status
1.	Dr. Roopa Shahapur, Associate Professor, Dept. of Dentistry	Chairperson
2.	Dr. Surekha Hipparagi, Professor, Dept. of Pathology	Member
3.	Dr. Lata Mullur, Associate Professor, Dept. of Physiology	Member
4.	Dr. Anita P. Javalagi, Assistant Professor, Dept. of Pathology	Member
5.	Mr. G.A. Hadimani, Lecturer Dept. of Anatomy	Member
6.	Mrs. Rajeshwari Patil, Nursing Supervisor, Dept. of Nursing	Member
7.	Mrs. Archana Deshpande, Junior Accountant, University	Secretary

Programs like special lectures on Women Health and Nutrition and competitions are conducted. There are no reported incidents of Sexual harassment in the institute since its inception in 2008.

5.1.22. Is there an Anti-Ragging Committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

Yes. There is an Anti Ragging Committee constituted as per UGC regulations. No incidence of ragging has been reported in last 6 years.

5.1.23. How does the institution elicit the cooperation of all its stakeholders to ensure the overall development of its students?

Students, Parents, Teachers, Patients, Administrators, Management, and Society are stakeholders of the institute. The University invites prominent stakeholders periodically to address the students as per their learning requirements like, various skill development and values of social relevance.

5.1.24. How does the institution ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

The Sports and Cultural Committee of the University has representations of staff and students. Women students are encouraged to participate in sports and cultural events.

Women students are given additional coaching and sports kits. Woman students are provided with travel support and other expenses when they represent the institution at regional and national levels.

5.1.25. Does the institution enhance the student learning experience by providing for rotation from the teaching hospital to the community and district hospital during the internship period?

Yes. The students are posted to Urban health Center in the city, and at two Rural Health Centers at Shivanagi and Ukkali as a part of their internship programme.

5.1.26. Does the institution have immunization policy for its students and staff?

Yes. All the students who are admitted to the institution should get vaccination against hepatitis B. Apart from students all the staff members get booster doses every 5 years, compulsorily.

5.1.27. Does the institution give thrust on students growth in terms of:

- Physical development: Regular medical health checkup is done and the students are educated about the need for physical development.
- Emotional control: Mentors are taking care of students and are helping them to overcome the emotional issues.
- Social dimension: The students are participating in various events to help the society, in the form of rallies, road shows, NSS activities, camps, etc.
- Spiritual growth: The students do take part in yoga and meditation classes to strengthen their spiritual growth.

5.2. STUDENT PROGRESSION.

5.2.1 What is the student strength of the institution for the current academic year? Analyze the Program-wise data and provide the trends (UG to PG, PG to further studies) for the last four years.

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M.B.B.S	:	150
Post graduates	:	78
Superspecialisation	:	1
UG to PG	:	75%
PG to Further studies	:	25%

5.2.2 What is the number and percentage of students who appeared/qualified in examinations for Central / State services, Defense, Civil Services, etc.?

* State Services **:** 15% of students have joined.
* Defense: Medical officer 2% each batch.
* Civil service: 1 IPS

5.2.3 Provide category-wise details regarding the number of post graduate dissertations, Ph.D. and D.Sc. theses submitted/ accepted/ rejected in the last four years.

List of Dissertation Reports (Post Graduate)

Year	Total Dissertation received	Accepted	Rejected
Apr-11	25	25	0
Apr-12	23	23	0
Apr-13	26	26	0
Apr-14	44	44	0
Apr-15	44	44	0
Oct-14	1	1	0
Oct-15	1	1	0

List of Dissertation Reports (Ph. D)

Dec-14	1	1	0
Jun-15	1	1	0

5.2.4 What is the percentage of graduates under AYUSH programs employed in the following?

* AYUSH departments/Hospitals,
* Health clubs
* Yoga wellness centers
* Health clubs
* Multinational companies
* Spas
* Yoga studios
* Own Yoga cubes/studios?

NOT APPLICABLE

08/09/2015	THROW BALL	5.30 PM	2012 V/s. 2014 (GIRLS)	
	VOLLEY BALL	5.30 PM	2013 V/s. 2015 (BOYS) 2010 V/s. 2012 (BOYS) Ist SEMI FINAL (GIRLS) IInd SEMI FINAL (GIRLS)	Juned – 9008542088 Raveena – 8762890881 Veena - 9481840008
09/09/2015	THROW BALL	5.30 PM	Ist SEMI FINAL (GIRLS) IInd SEMI FINAL (GIRLS)	
	VOLLEY BALL	5.30 PM	2011 V/s. 2015 (BOYS) 2010 V/s. 2014 (BOYS) Ist SEMI FINAL (BOYS)	
10/09/2015	VOLLEY BALL	5.30 PM	IInd SEMI FINAL (BOYS) FINAL (GIRLS) FINAL (BOYS)	
	THROW BALL	5.30 PM	FINAL (GIRLS)	

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11/09/2015	KABADDI (BOYS)	6.00 PM	2015 V/s. 2013 2012 V/s. 2014 2011 V/s. 2015 2010 V/s. 2014 2012 V/s. 2010	Veerendra Patil – 7022692489 Juned – 9008542088
12/09/2015	KABADDI (BOYS)	6.00 PM	2011 V/s. 2013 Ist SEMI FINAL IInd SEMI FINAL FINAL	
13/09/2015	KHO KHO	5.30 PM	2011 V/s. 2015 (BOYS) 2012 V/s. 2010 (BOYS) 2012 V/s. 2010 (GIRLS) 2013 V/s. 2015 (GIRLS) Ist SEMI FINAL (BOYS)	Arun – 8197087240 Juned – 9008542088

5.3 STUDENT PARTICIPATION AND ACTIVITIES

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the program calendar and provide details of students' participation.

The students participate in sports and cultural events at intercollegiate, inter university, and State and National

sports calendar of events

DATE	GAMES	TIME	TEAMS	INCHARGE
02/09/2015	FOOT BALL	5.15 PM	2012 V/s 2014 2010 V/s. PGs	Manu Dharma & Vamshi Krishna
03/09/2015	FOOT BALL	5.15 PM	2011 V/s 2015 Ist SEMI FINAL	
04/09/2015	FOOT BALL	5.15 PM	IInd SEMI FINAL FINAL	

05/09/2015	CRICKET INDOOR GAMES	2.30 PM 7.00 PM	2012 V/s. 2014	Yashwant – 7204515225 Prashant -
06/09/2015	CRICKET INDOOR GAMES	8.00 AM 7.00 PM	2011 V/s. 2013 2010 V/s. PGs	
07/09/2015	VOLLEY BALL	5.30 PM	2012 V/s 2014 (BOYS) 2011 V/s. 2015 (GIRLS) 2011 V/s. 2013 (BOYS) 2012 V/s. 2014 (GIRLS)	Juned – 9008542088 Raveena – 8762890881
	THROW BALL	5.30 PM	2011 V/s. 2015 (GIRLS)	Madhu Patil – Raveena – 8762890881
14/09/2015	KHO KHO	5.30 PM	IInd SEMI FINAL (BOYS) Ist SEMI FINAL (GIRLS) IInd SEMI FINAL (GIRLS) FINAL (GIRLS) FINAL (BOYS)	
15/09/2015	BASKET BALL	5.00 PM	2011 V/s. 2015 (BOYS) 2010 V/s. 2014 (BOYS) 2011 V/s. 2015 (GIRLS) 2014 V/s. 2010 (GIRLS) Ist SEMI FINAL (BOYS)	Puneet - 8904646869

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16/09/2015	BASKET BALL	5.00 PM	2012 V/s. PGs IInd SEMI FINAL (BOYS) Ist SEMI FINAL (GIRLS) IInd SEMI FINAL (GIRLS) FINAL (GIRLS) FINAL (BOYS)	
12/09/2015	CRICKET	2.30 PM	Ist SEMI FINAL	Yaswanth 7204515225
13/09/2015	CRICKET	10. 00AM	IInd SEMI FINAL	Yaswanth 7204515225
19/09/2015	CRICKET	2.30 PM	FINAL	Yaswanth 7204515225

Cultural activities:

Table 5.7 b Cultural committees calendar of events for the year 2015-16

Sl.No	Dates	Events for UG,PG & Staff members
01	January 23rd & 24th 2015	Rangoli Competition Mehandi Competition
02	April 18th 2015	Nail Art
03	July 4th 2015	'T' Shirt painting
04	October 2015 1st or 2nd week	Singing Competition Dance Competition Fashion show Street play Movie making
05	October 2015 1st or 2nd week	Annual Day of Cultural committee & DJ nights

5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

The faculty members of the institution support and guide students to participate in quiz competition, arts fests and sports. Faculty member selects students for various inter collegiate and state level competitions. Students of our institution have won prizes in various competitions. The college gives special attention to the students participating in the university youth festivals. Two faculty members including one lady lecturer are appointed to accompany and support the student to participate in various events. The University spends considerable sum for the student expenses incurred in connection with such events.

ACHIEVEMENTS

Volley Ball (Men) Zonal	Winners	2008
Volley Ball (Women) Zonal	Runners	2008
Chess (Men) Zonal	Runners	2008
Foot Ball (Men) Zonal	Runners	2008
Table Tennis Table (Men) Zonal	Runners	2008
Table Tennis Table (Women) Zonal	Runners	2008
Throw Ball (W) Zonal	Runners	2009
Cricket (M) Zonal	Runners	2009
Kabaddi (M) Zonal	Winners	2009
Shuttle Badminton Zonal (W)	Runners	2009

LIST OF TOURNAMENTS EVENTS HOSTED

Zonal	Basket ball (m&w)	2008
Zonal	Throw ball (w)	2008
Inter zonal	Kabaddi (m)	2008
Chess single zonal(M &W)	Chess	2009
Zonal(W)	Shuttle badminton	2009
Inter zonal (m)	Kabaddi	2009

Table 5.8. c UNIVERSITY BLUES

Sooraj	Kabaddi	2008
Srikanth S	Kabaddi	2008
Adithya Vikram	Chess	2008
Anirudha Ghosh	Foot Ball	2008
Basavaraj Nagar	Foot Ball	2008
Hononk	Swimming	2008
M Madhusudan	Body Building	2008
Hononk	Swimming	2009
Ambrish Gosh	Foot Ball	2009
Hareshvardhan Birradar	Table Tennis	2009

5.3.3 Does the institution provide incentives for students who participate in national / regional levels in sports and cultural events?

Yes. Institute supports the students for logistics and hospitality during national and regional level sports and cultural events.

5.3.4 How does the institution involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

The Student Committees under the faculty members bring out College Magazine, Newsletter and Wall Magazines. College Magazines are published annually. The faculty member guide and support the students to express their literary skills. Besides, individual departments also encourage students in literary activities. The institution also has student representative as editorial member for publishing the magazine.

5.3.5 Does the institution have a Student Council or any other similar body? Give details on its constitution, activities and funding.

Yes, institution has Student Council. The Secretary co-ordinates with the Principal and staff members in organizing various events, sports and other activities. The students representatives in the council are elected by method of election. The funding for activities is provided by the college and is made available to students under the supervision of the staff coordinator.

Students activities

- **Sports Meet**
- **Dance and Cultural activities**
- **Plantation of trees**
- **Blood donation**
- **Quiz, debate, etc**

5.3.6 Give details of various academic and administrative bodies that have student representatives in them. Also provide details of their activities.

Student representatives are a part of following Committees.

1. Hostel Committees

Table 5.9.a Composition of the Committee		
1.	Dr. M. S. Biradar, Dean, Faculty of Medicine and Principal	Chairman
2.	Dr. Tejaswini Vallabha Vice Principal	Vice Chairman
3.	Dr. B. R. Yelikar Chief Warden, Gents Hostel	Member

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4.	Dr. V. R. Gobbur Chief Warden, Ladies Hostel	Member
5.	Mr. Mallikarjun Patil Warden of Gents Hostel	Member Secretary
6.	Ms. Shivali Warden of Ladies Hostel	Member
Student Representatives		
7.	Aishwarya N.	Phase I
8.	Seetaram R. Patil	
9.	Madhu Patil	Phase II
10.	Vamsi Mohan	
11.	Indira	Phase III / I
12.	Mohammed Marzook	
13.	Nethra	Phase III / II
14.	Amogh	
15.	Susan N.	Interns
16.	Ambrish Ayyali	
17.	Prachi Shinker	Postgraduates
18.	Sagar Biradar	

2. Anti-Ragging Cell

Principal, Vice Principal, Medical Suprintendent, head of all departments, wardens of both boys and girls hostel, and 2 student representaives each in boys and girls.

3. Sports committee

Dr. V H Warad	Dr. D G Gannur
Miss Sharaneshwari	Mr. Gaurav Mishra

4. Cultural committee

Dr. Lata allur	Dr. U C Nucchi
Miss Sanasa	Mr. Shayal Sha Mahammad

5. Literary committee

Dr. L S Patil	Dr Shridevi Mulimani
Miss Priya Suneja	Mr. Rahul Jain

6. Students grievance cell: as mentioned in 5.1.20

7. Library committee

Dr B G Mulimani	Vice- Chancellor
Dr. M S Biradar	Principal
Dr. Tejaswini U	Vice Principal
Dr. Kusagal K Das	
Dr Shekar H P	
Dr. A G Inamdar	
Dr Manjula	
Dr S S Hiremath	
Dr Manoj Vaidya	
Miss Namita Honnutogi	

8. Committee for the prevention of Sexual Harassment of Women.

Table 5.9.b

Sl. No.	Name and Designation	Status in the Committee
1.	Dr. (Mrs.) Tejaswini Vallabha Vice Principal and HOD Surgery	Chairperson
2.	Prof. (Mrs). S. Varadrajan Secretary , Spruti Mahila Mandal, NGO	Member
3.	Dr. D. G. Gannur Professor, Forensic Medicine	Member
4.	Mr. Satish B. Patil Deputy Registrar	Member
5.	Mrs. Mangala Koli Staff Nurse	Member
6.	Miss. Netra Reddy 8th Term Student	Student Representative
7	Mr. Deepak Patil 4th Term Student	Student Representative
8	Dr. (Mrs.) H. T. Lathadevi Professor of ENT	Member & Convener

Any other information regarding Student Support and Progression which the institution would like to include.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State Vision and Mission of the institution.

BLDE University is Deemed University and has the following Vision and Mission.

Vision

"To be a Leader and be recognized as an Institution striving for maintenance and enhancement of Quality Medical Education and Healthcare"

Mission

- To be committed to promote sustainable development of higher education including Health science education, consistent with the statutory and regulatory requirements.
- To reflect the needs of changing technology and make use of the academic autonomy to identify the academic programs that are dynamic.
- To adopt global concepts in education in the healthcare sector.

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's traditions and value orientations, its vision for future etc?

- The goals and objectives of the University are made known to various stake holders by a participatory approach. Besides this, goals and objectives are also made known through university website, University publications and through various forums like Academic Council, Board of Studies etc and through activities such as curriculum design, cultural and sports activities, academic talks and discussion, media presentations etc.
- The BLDE University has adopted a strategic plan defining short term and long term goals for university.
- BLDE University is committed to promote sustainable education in health sciences consistent with statutory and regulatory requirements of the nation.
- Continuous improvement in quality of medical education providing equal opportunities and creation of infrastructure are the goals.

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- To educate the students to be excellent health science professionals and leaders in their field who respect the uniqueness of their patients/clients and demonstrate competence, leadership and expertise and have a profound moral/ethical respect for their patients, colleagues and general public without discrimination of race, religion, sex and ethnicity.

6.1.3 How is the leadership involved in?

* Developing e-Governance strategies for the Institution

  All office procedures, faculty documentation, pay and promotions have been digitalized. Admission procedures for UG and PG are online and digitalized. E-governance is ongoing procedure and is being constantly upgraded.

* Ensuring the organization management system development, implementation and continuous improvement.

  President is the Head of the University and University is guided and supported in all of its activities by President (Chancellor) of the University. Vice Chancellor is the bridge between President and the University.

  Leadership to the university is provided by the Vice-Chancellor under the guidance of the Board of Management and other statutory bodies. The commitments, goals and strategies put forth by the head of University, give the direction which the university will take in order to maintain and enhance excellence in all endeavors. By stressing on excellence in instruction, research and service, by recognizing the importance of diversity and innovation and by building a shared community will be able to fulfill its commitments and realize its goals. Vice-Chancellor, to accomplish these goals of excellence supports diversity and community of students, faculty and staff and is open to exchange of ideas in intellectual inquiry. University statutes and bye-laws provide such empowerment to the Vice-Chancellor so that he truly reflects the spirit and objectives of the University in words, action and deed.

  Vice-Chancellor is full- time Officer of the University to provide requisite leadership to the system. He is the Principal Executive and Academic Officer of the university. He is Ex-Officio Chairman of the Academic Council, the Board of Management, Planning & Monitoring Board, Finance Committee etc. He presides over meetings of statutory bodies.

* **Interacting with stakeholders:** Initially, it is done during admission procedures. Students and Faculty are represented in various committees of the University and College and regularly interact with authorities. Alumni and outgoing students give their feedback. Interaction with all stake holders is a continuous process.

* **Reinforcing a culture of excellence:** Vice-Chancellor ensures that all

provisions of UGC, the Statutes and Regulations are followed and also the guidelines of the regulatory authorities like MCI .He also convenes meetings of Academi council, Board of Management, Finance Committee etc and gives effect to decisions of such committees.

Vice-Chancellor exercises such other powers as prescribed by the Statutes, Ordinances and Regulations.

Predominantly, the Vice-Chancellor provides academic leadership and in association with faculty evolves strategies for academic growth.

* **Identifying Organization's needs and striving to fulfill them:** Board of Management during its meeting interacts with Vice-Chancellor and the Principal to identify the needs of the organization and make arrangements to fulfill them. A document "BLDE University 2020" has been prepared as a road map for the development of the University in the next five years.

6.1.4 Were any of the top leadership positions the institution vacant for more than a year? If so state reasons.

No positions were vacant for more than a year.

6.1.5 Does the institution ensure that all positions in the various statutory bodies are filled and meetings conducted regularly?

Yes. Management ensures that all positions of various statutory bodies are filled and meetings are conducted periodically. However, nomination from Central Govt. (MHRD) on Board of Management is awaited.

6.1.6 Does the institution promote a culture of participative management? If yes, indicate the levels of participative management.

Yes. The institution promotes a culture of participative management.

Members of faculty are represented on Board of Management. Nominated members of faculty are represented in Finance Committee, Planning Board, Academic Council and Board of Stidies. Management also meets all faculty regularly.

6.1.7 Give details of academic and administrative leadership provided by the university to its affiliated college/constituent units and the support and encouragement given to them to become autonomous.

- BLDE University has constituted a number of Committees and Statutory Academic Bodies like Academic Council, Board of Studies to deliberate on various quality related issues pertaining to higher education.
- The College has also constituted Committees for effective and efficient functioning and enjoys autonomy in many of its activities. Recommendations of such Committees are approved and supported.

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- Continuous Faculty Development Programme and Management Training Programmes for its faculty and administrative staff have been undertaken.
- Administrative and Academic Audit was carried out and its recommendation were implemented.
- Besides students' feedback and stakeholders' feedback provides continuous input for the effective functioning and both University and College.
- BLDE University has clear, structured plan for development of the institution. Decisions regarding developmental needs are effectively met through democratic and decentralized mechanisms.

6.1.8 Have any provisions being incorporated / introduced in the university act of statutes to provide for conferment of degrees by autonomous colleges?

Not Applicable

6.1.9 How does the university groom leadership at various levels? Give details.

- University has organized various training programmes for skill upgradation for teaching faculty and non teaching staff.
- Teaching faculty is assigned administrative responsibility to carry out additional duties in managing University, College and Hospital.
- Non-Teaching staff is trained in Office Procedures, English Language, Computer skills, Accounting, Online Software etc.

6.1.10 Has the institution evolved knowledge management strategy which encompasses following aspects such as

* Information Technology
* National Knowledge Network
* Data Bank
* Other open access resources along with effective interactive facilities with unrestricted access to learners

Knowledge Management in the University is implemented through Vice-Chancellor, Director, Research and Director, Academics. At individual level each faculty member is responsible for knowledge enhancement.

Classrooms have smart boards and LCD projectors. All departments have Internet connectivity. Library has Wi-Fi connectivity and Digital Library. Video Conferencing facility is available. Hostels have Internet connectivity through Wi-Fi. IT Head, through staff of IT Unit supports all these activities.

6.1.11 How are following values reflected in functioning of institution

* Contributing to National Development
* Fostering global competencies among students
* Inculcating a sound value system among students
* Promoting use of technology
* Quest excellence

BLDE University believes in providing quality education in health sciences based on curriculum which is consistent with Regulatory and Statutory requirements of the nation.

A document - 'BLDE University VISION 2020' has been prepared which articulates a planning process for the university. The commitments, goals and strategies set forth in the plan indicate the direction The University will take in order to maintain and enhance excellence in all its endeavors.

By stressing excellence in research, instruction and service, by recognizing diversity of innovation and by building a shared community, the University meets its commitments and realizes its goals.

These thrust areas provide guidance to the university in enhancing excellence in education, research, international activities, campus environment, information dissemination and linkage with society. Time frames/milestones for reviewing the progress against strategies proposed and outcomes are also laid out.

6.1.12 Has the institution being indicted / given any adverse report by National Regulatory bodies? If so provide details.

National regulatory bodies have never indicted or given any adverse report on functioning of the University

6.1.13. What are projected budgetary provisions towards teaching, health care services, research facility, development etc?

University Finance Committee provides projected budgetary provisions towards research, health care services, teaching etc. Major Budgetary provisions are given below:

B.L.D.E. University, Consolidated Budget Estimates 2015-16

Income/Source of Funds	Budget Proposal 2015-16	Expenditure/Application of Funds	Budget Proposal 2015-16
(All Figures In Lakhs)		(All Figures In Lakhs)	
Incomes		Expenditures	
Tuition Fees	6,702.05	Staff Payments & Benefits	5,957.00
Hostel Fees & Miscellaneous Fees	650.00	Academic Expenses	157.89
Hospital Collection	2,171.49	Administrative & General Expenses	1,082.66
Income from Investments	65.00	Department & Teaching Hospital Expenses	330.17
Other Incomes	85.85	Research Activities	500.00
		Student Welfare Activities	10.04
		Repairs & Maintenance	378.13
		Transportation Expenses	19.03
		Financial Costs	290.00
		Total (B)	8,724.92
		Revenue Surplus (C=A-B)	949.47
Total (A)	9,674.39	Total (D)	9,674.39
Capital Incomes		Capital Expenditures	
Funding from Sponsoring Society	125.00	Department Equipment	423.35
Total (E)	125.00	Information & Communication Technology	244.00
Capital Deficit (G=F-E)	2,277.69	New Trauma & Casualty Centre	500.00
		Library Journals & Books	100.00
		Construction of Hostel & Guest House	295.34
		Vehicles, Furniture & Fixtures etc	80.00
		Works Funded by Sponsoring Society	125.00
		Financial Repayments	635.00
Total (H)	2,402.69	Total (F)	2,402.69

Total Inflow of Funds (I=A+E)	9,799.39	Total Outflow of Funds (J=B+F)	11,127.69
Total Deficit (K=J-I)	1,328.22		
Total	11,127.61	Total	11,127.69

Deficit of Rs.1,328.22 Lakhs would be met out by Sponsoring Society.

6.2. STRATEGY DEVELOPMENT & DEPLOYMENT

6.2.1 Does the institution have a perspective plan for development? If yes what aspect of following are considered in development of polices and strategies?

* **Vision -** The BLDE University will develop and advance the talents of students to create applicable knowledge in medical sciences, make them globally competitive and provide best health care facilities. BLDEU constantly strives to become reputed research institute with world class infrastructure, latest tech-tools and adopt best global practices.
* **Mission** - The BLDE University is committed to offer high quality Under Graduate, Post Graduate and Post Doctoral education to all its students to make them excellent, ethical professional medical practitioners.
* **Teaching and Learning** - The BLDE University believes in continuous building of skills and knowledge, personal development and competitiveness through formal and informal education. To this end, 'BLDEU Vision 2020' has laid down a road map for acquiring necessary infrastructure, state of art teaching tools and modernization with state of art medical equipments.
* **Research and Development** - All faculty undertake scholarly research themselves and with PG/UG students. Research, creative inquiry and innovation are integrated in education. To this end modern research laboratory has been created and latest equipments have been procured in each department.
* **Community Engagement** - The BLDE University recognizes its interdependence with the region and is contributing towards improved quality of life in this backward area with poor population by providing quality health care, health promotion and disease prevention activities, both in rural and urban areas.
* **Human Resources Planning and Development -** The BLDE University has laid down norms for recruitment of teaching and non teaching staff. Norms of statutory bodies are followed. Recruitment is by open advertisement and selection by Selection Committee constituted as per University, MCI and UGC guide lines. Support from HR Section and sponsoring Society is taken.

  Faculty is assessed annually by Self Appraisal , Peer evaluation and student feedback. The analysis of which gives way for further enhancement

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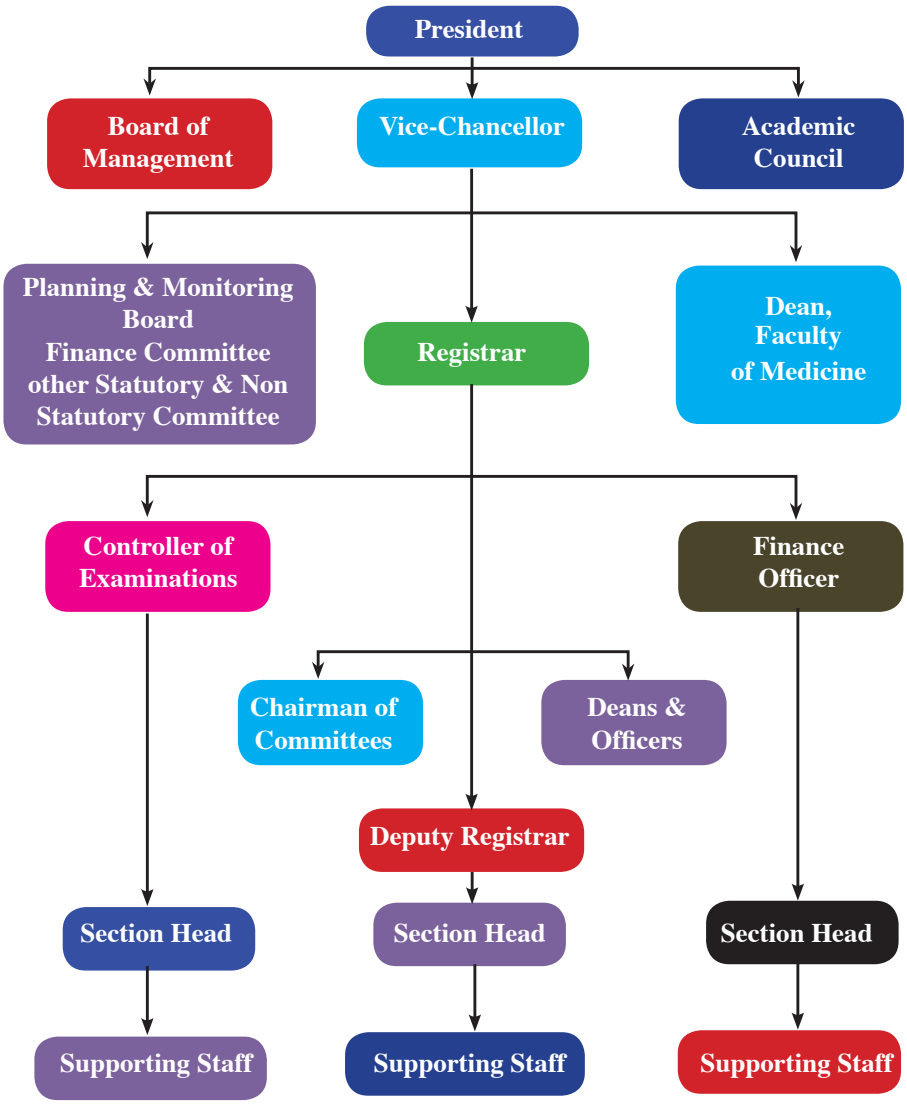
and up-gradation of their skills and knowledge. The University also encourages faculty participation in CMEs as well as various National and International training programmes, Workshops and Conferences. Non teaching staff is also trained in their skills development.

* **Internationalization -** BLDE University has signed MoUs with the University of Manitoba, Canada and has collaboration with Emery University USA. for- collaboration, Teaching, Research, and Faculty and Student Exchange programmes exist.

6.2.2 Describe institutions internal organization structure (Preferably through organogram) and decision-making process and their effectiveness. Is there a system for auditing health care quality and patient safety? If yes describe. How often are these review meetings held with administrative staff?

BLDE University Organizational Structure



Sponsoring society of University is BLDE Association. Dr. M. B. Patil is the President of the University. The Vice-Chancellor is appointed on recommendation of Search Committee by the President. Vice- Chancellor is Principal Executive Officer of the Institute and Chairman of BoM.

BoM is the Principal organ of Management and Principal executive body which approves policies, decisions etc recommended by PMB, AC, FC etc.

University Organizational structure is as per norms of UGC regulations and MoA and rules of University.

6.2.3 Does the institution conduct regular meetings of its various authorities and statutory bodies? Provide details

- Institution publishes Annual Calendar of events for meeting of various statutory bodies as per UGC norms. Following is the frequency of meeting of various Committees.

a.	BoM	:	Four times a Year
b.	PMB	:	Twice a Year
c.	Finance committee	:	Twice a year
d.	Academic council	:	Twice a year (More if needed)

All the details are brought out in the form of annual report.

6.2.4 Does institute have formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

Yes. The University has a formal policy on quality assurance which is driven, deployed and reviewed.

Quality Policy indicators include:

- Quality education and lifelong learning through curriculum restructuring and continuous professional development.
- Comprehensive assessment and evaluation system.
- Best practices reflected in teaching, learning and evaluation process.
- Attract faculty who bring distinction and stature to the University.
- Use of latest e-learning pedagogy and technology.
- Above policies are reviewed by AAA Committee with external expert members. They audit and suggest academic and administrative reforms which are complied by every department.
- Research Coordination Council audits the standard and progress of various research initiatives.
- IQAC of the institution is in place and functioning and reviews all the decisions and actions taken by various committees.
- Eminent Mentors to each Department also guide the quality growth.

6.2.5 Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

The University engages in autonomous and decentralized yet cooperative system of management while encouraging departments to function independently and autonomously under the leadership of the Principal and Heads of Departments. It has also ensured accountability by clearly outlining the responsibilities and delegation of power and functions to the Board of Studies .

6.2.6 During the last 4 years have there been any instances of Court cases filed by and/or against the institution? What are critical issues and verdicts of the Court?

Table 6.2 Details of court cases and verdict

CASES AT HIGH COURT OF KARNATAKA					
Sl. No.	Case No.	Case filed against	Issue	Status	Verdict
1.	WP 39263/12	Venkatashiva Reddy M.	Admission UG	Disposed	In favor of University
2.	WP 44571/11	Medical Council of India.	National Eligibility cum Entrance Test (NEET)	Pending	
3.	WP 22937/12	State of Karnataka Department of Medical Education / Medical Council of India, New Delhi	National Eligibility cum Entrance Test (NEET)	Pending	
4.	WP 203121/14	Govt. of Karnataka & Principal Secretary, Dept. of Health & Family Welfare Bangalore / Hyderabad Karnataka Special Cell.	Regarding implementation of article 371 (J)	Pending	
CASES AT SUPREME COURT OF INDIA					
1.	WP (CIVIL) 134/12	MCI	Increase of PG seats in various departments	Disposed	
2.	WP (CIVIL) 152/12	MCI	Increase of PG seats in various departments	Disposed	

6.2.7 How does the institution ensure that grievances/ complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stake holder relationship?

Institution has a Grievance Redressal Committee to redress grievances of stakeholders (students, faculty, parents and public). The Committee also supports initiatives of Anti Ragging Committee.

Type of Grievances	No. Received	No. Redressed
Academic	Nil	
College (Amenities)	Nil	
Hostel (Amenities)	200 (Last 05 years)	200
Hostel (Food)	Nil	

6.2.8 Does institution have a mechanism for analyzing student feedback on institutional performances? If yes, what is institutional response?

Institution collects feedback from students. Same is analyzed. The technical committee of IQAC helps in this process. Such feed backs from students provide valuable inputs for improving the support services like Teaching Learning, Central Library, Hostels, Sports activities, Canteen etc.

Performance issues and challenges addressed by the students are referred to respective departments for immediate attention and redressed.

6.2.9 Does the institution conducted performance audit of the various departments?

Yes. Performance audit is conducted through AAA. Faculty performance is audited through self appraisal forms submitted by them. Analysis of students' summative examination results is done at BoS meetings. Overall performance is assessed by stake holder's satisfaction

6.2.10 What mechanism has been evolved by the institution to identity the developmental needs of its affiliated/constituent institution?

- Institution being a deemed university, the developmental policies are recommended by Planning Monitoring Board of the University through BoM and supported by Academic Council, Research Recognition Committee and Research Grants Committee etc.
- Institution has introduced **Mentor** system for each Department which recommends various academic and developmental programs.

6.2.11 Does the institution and hospital have their own updated website? If so, is the information regarding faculty and their areas of specialization, days of availability, consultation charges available on website?

- Institution has its own website and all information pertaining to college faculty as per MCI norms are available.
- Information regarding health care, OPD and IPD services, surgical facility. Govt. schemes, tertiary and critical care services are uploaded.

6.2.12 What are feedback mechanisms and documentations to evaluate outcome of these exercises?

Institution has various feedback mechanisms through stake holders' interaction - The students, the alumni and from the PGs passing out every year. The outcome of these exercises has made the institution to introduce certain reforms in teaching and learning and hospital services. The outcome has been increased client satisfaction reflected in increased workload of the hospital, improved pass percentage of students, students' placements in various prestigious hospitals and entry to PG courses.

6.3 FACULTY EMPOWERMENT STARTEGIES

6.3.1 What effects have been made to enhance the professional development of teaching and non-teaching staff? What is impact of continuing professional development programmes in enhancing competence of the University faculty?

- The University has very well organized Medical Education Department. The Department facilitates organizing different orientation programmes for the faculty and University supports participation of faculty in NIIT, FAIMER and MCI recognized MET courses (through Regional MET centers).
- Institution regularly organizes CMEs, Workshops, Guest Lectures to update the knowledge and familiarize faculty with recent developments in medical sciences.
- Institution organized course on 'PALLIATIVE CARE' in association with Indian society of Study of Pain (ISSP) to train doctors in management of patients suffering from malignancies and terminal care.
- Impact of all such knowledge enhancing activities has resulted in more research activity, increase in work load of hospitals due to patient satisfaction.

6.3.2 What is the outcome of review of various appraisal methods used by the institution? List important decisions.

- Institution makes efforts to improve the academic, training and research

environment by improving infrastructure facilities and using effective teaching-learning methodologies. To assess the success, it is important to know whether user of such facility is satisfied and is getting expected outcomes from initiatives made. In this direction institution has objective assessment mechanism with scope for improvement through

a. Self appraisal by faculty members
b. Peer evaluation by Department Heads/Principal/ External experts
c. Students Feed Back

The above assessment mechanism has resulted in the teaching staff understanding and getting acquainted about

i. Their teaching style and abilities with feedback from the peers and students.

ii. Scope for improvement in teaching resources and methodologies

iii. Research outcome and relevance of work being done with current developments in the respective fields

- Self assessment mechanism does not have any negative impact on staff as they are provided with an opportunity to go through the evaluation outcomes and are given an opportunity for improvement.
- Institution rewards and recognizes teachers and commends them for their teaching approaches and research initiatives which help them to work with renewed zeal. Recently 'Best Researcher Award' has been instituted.
- As a result there is increase in publications in indexed journals by one and half times. Research output in terms of research publications and research projects undertaken by faculty have increased.
- Organizing CMEs. Workshops, Guest lectures etc are on the increase

Institution assesses work of non-teaching staff for their

- Work efficiency
- Discipline and Regularity
- Initiative towards learning newer trends in their respective areas.

- Institute conducts Language, Computer skill up-gradation, Accounts etc courses for non teaching staff.
- They are also deputed to training programmes organized by various Govt. Agencies.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff has been benefitted from the schemes in last 4 years? Give details.

- Teaching and non-teaching staff have been extended all the statutory welfare schemes, as required by Govt. of India and State Govt.
- All teaching/nonteaching staff is extended welfare benefits of contributory provident fund, Gratuity, ESIS.
- Staff are extended health benefit at the hospital at no or subsidized cost
- Children of Staff members are extended benefits of the concessions wherever applicable
- Maternity leave to female employees.
- Employees Cooperative Society for the staff of institution

6.3.4 What are the measures taken for attracting and retaining eminent faculty?

- Improving academic resources and competitive compensation within an environment of open communication
- Encouraging the faculty to participate towards continuous professional development through deputing them to national and international programme
- Increasing the percentage of faculty achieving recognition among their peers through faculty development programmes and promotion polices.

6.3.5 Has the University conducted a gender audit during the last 4 years? If yes mention few salient finding?

Yes, Gender audit has been carried out. There has been increase in the number of women being employed by the University. Working conditions for women are cordial and supportive.

6.3.6 Does the institution conduct any gender sensitization programmes for the faculty?

Women's Empowerment Cell and Prevention of Sexual Harassment cell conduct programmes and give lectures to staff and students to sensitize them against gender bias.

6.3.7 How does Institution trains its supports staff in better communication skills with patients?

Communication skills are being taught to staff during TOT workshops by MEDICAL EDUCATION DEPARTMENT twice or thrice a year.

6.3.8 Whether the research interests of teaching faculty are displayed in the respective departments?

Yes, research projects and their Progress is displayed on the boards in respective departments

6.3.9 Does the faculty members mentor junior faculty and students

- For students 'Tutor-ward' system is in place. Each faculty is allotted 15 students as wards. All the personal details of students are with mentor. Mentor wards meet once every month. Central Mentor-ward unit monitors these procedures
- Senior faculty members monitor, advice and guide the junior faculty members No formal system is followed.

6.3.10 Does institute offer incentives for faculty empowerment?

- Faculty is encouraged to pursue Ph.D., M.D, DM. They are encouraged to take up research and are provided infrastructure and funds. Incentives in form of special leave, cash award are given. They are encouraged for project publications, paper presentation and participation in conferences. Wi-Fi, internet connectivity, Library E resources are made available to faculty to access information. Budget provided for organizing FDPs like CME, Workshops, Conferences etc.
- Institute has established Central Research Lab with modern equipments and facilitates Clinical Departments to procure high end instruments to help in Research and Health Care.

6.4. Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

Finance Committee meets regularly and deliberates on financial plans, budget proposals, and resources, etc.

6.4.2 Does the institution have mechanism for internal and external audit? Give details.

Yes. The Institution carries out internal audit through Finance Officer and external audit by a Chartered Accountant every year. Audited statements of each financial year are submitted to Statutory Regulatory Authority.

6.4.3 Are the institutions accounts audited regularly? Have there been any audit objections. If so, how are they addressed?

Accounts are audited regularly and audit reports provided and placed before BoS. So far there have been no audit objections.

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6.4.4 Provide audited statements of accounts with details of expenses for academic, research and administrative activities of last 4 Years.

BLDE UNIVERSITY	2011-12 (Rs. In Lakhs)	2012-13 (Rs. In Lakhs)	2013-14 (Rs. In Lakhs)	2014-15 (Rs. In Lakhs)
Opening Balance	433.03	922.09	881.15	1540.19
Actual Receipt	4446.07	5071.13	6330.19	7632.54
Total Receipt	4879.10	5993.21	7211.34	9172.73
Actual Expenditure	3957.02	5112.06	5671.15	6278.24
Balance for the year	922.09	881.15	1540.19	2894.49

Audit reports are maintained by University Finance Office.

6.4.5 Narrate the efforts taken by institution for resource mobilization

- Institution is self financing. Financial resources are mobilized by fee collected from students. Fee structure for different programmmes offered by the institute is put on website.
- Donation are invited/taken for the purpose of instituting endowments, for giving medals, awards etc

6.4.6 Is there any provision for the institution to create corpus fund? It yes, give details.

There is no corpus fund with the Institution. Sponsoring society supports financially when needful.

6.4.7 What are free/subsidized services provided to patients in hospitals?

Institution provides free services and food to poor patients, which is supported by sponsoring society. Institution hospital is empanelled for various Central and State Government Health Schemes.

Empanelled Government Schemes:

I. Empanelment of Shri B. M. Patil Medical College, Hospital for following State Government and Central Government Health Schemes

Central Government Organization

1. Bharath Sanchar Nigam Limited - (BSNL)
    a. BSNL Serving and retired employees and their dependents covered
    b. All treatments medical and surgical procedures covered
    c. CGHS rates applicable

2. National Thermal Power Corporation - (NTPC)
    a. NTPC serving employees and their dependents
    b. All treatments medical and surgical procedures covered
3. Ex-Serviceman Contributory Health Scheme - (ECHS)
    a. EX servicemen and their dependents covered
    b. All treatments medical and surgical procedures covered
    c. CGHS rates applicable

State Government Organization

1. Empanelled hospital for State Government Employees under Karnataka State Medical Attendance rules
    a. State Government employees and their dependents covered
    b. All treatments medical and surgical procedures covered
    c. Our hospital rate list is applicable
2. Karnataka State Road Transportation Corporation - (KSRTC)
    a. KSRTC working employees and their dependents covered
    b. All treatments medical and surgical procedures covered
    c. Our hospital rate list is applicable
3. KARNATAKA FIRE & EMERGENCY SERVICES WELFARE TRUST (Arogya Bhagya Yojane) - (KF&ESWT)
    a. Fire Department working employees and their dependents covered
    b. All treatments medical and surgical procedures covered
    c. CGHS rates applicable
4. KARNATAKA STATE POLICE HEALTH WELFARE TRUST (Arogya Bhagya Yojane) - (KSPHWT) - Wings of KSRP, IRB
    a. Fire Department working employees and their dependents coverage
    b. All treatments medical and surgical procedures covered
    c. CGHS rates applicable

Various Central and State Government Health Schemes

1. Yashaswini Farmers Health Care Scheme - (YFHCS)
    a. Co Operative Society Members are covered
    b. Only surgical procedures are covered
    c. Rate list fixed by Government of Karnataka
2. Vajpayee Arogya Shree - (VAS)
    a. BPL Card holders are covered
    b. Only surgical procedures are covered
    c. Rate list fixed by Government of Karnataka

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3. Thayi Bhagya - (TBS)
   a. BPL Card holders of pregnant women are covered
   b. Only delivery and LSCS covered
   c. Rate list fixed by Government of Karnataka
4. Rastriya Swasthya Bima Yojana - (RSBY)
   a. BPL and Un-organised sector laborers are covered
   b. All treatments medical and surgical procedures covered
   c. CGHS rates applicable
5. Karnataka State AIDS Prevention Society for provision of special investigation and running procedures to PLHA - (KSAPS)
   a. PLIIIV patients are covered
   b. only investigations covered
   c. Karnataka Medical Attendance rules 1963 rate list applicable
6. Balasanjeevini Scheme - (BS)
   a. 0-6 years BPL childrens covered
   b. All treatments medical and surgical procedures covered
   c. Our hospital rates applicable
7. RNTCP /DOTS-Centre
   a. TB patients are covered
   b. only investigation covered
   c. cost born by Government of Karnataka
8. ICTC/PPTCT-Centre
   a. All patients are covered
   b. only investigation covered
   c. cost born by Government of Karnataka
9. Universal Immunization Programme
   a. All children covered
   b. only immunization provided
   c. cost born by Government of Karnataka
10. District Disability Rehabilitation Centre Will be function in two weeks Government has sanctioned fund of Rs.12, 00,000. Infrastructure has been established, faculty and staff are providing rehabilitation services to differently-abled persons from Bijapur district.

6.4.8 Does the institution receive funds from philanthropic organization/ individuals towards patient care? If yes, give details.

The institution only receives funds for endowment for institution of award of gold medals etc . "Annadana scheme' for poor patients has received contributions from few sources.

6.4.9 Do patient from other states/abroad come for treatment, reflecting the unique quality health care provided by institution?

No patients come from abroad. Patients from neighboring Maharashtra come for Urological, Pediatric and GE surgeries as these superspeciality cares is provided by the hospital.

6.5 Internal Quality Assurance System

6.5.1 Does institution conduct regular academic and administrative audit? If yes give details

Academic and Administrative audit is continuous process. Academic audit is done through following process:

- Submission of departmental appraisal data annually
- Presentation made by department in the governing body meetings
- Presentation at institution at the Academic Council and Board of Management.
- Institutional IQAC is in place and reviews the academic performances.
- Academic and Administrative Audit is also done by External Expert Committee

6.5.2 Based on recommendation of the Academic Audit, what specific follow up measures have been taken by the institution to improve the academic and administrative performances?

- Based on recommendations of the academic audit institution implemented ICT enabled TLE processes besides enhancing research facilities leading to enhanced research output.
- Based on Feedback from Academic audit relating to performances and examinations, departments were advised to adopt any or all of strategies as below:
  a. Identity slow learners and provide personal attention and tutoring
  b. Involve senior faculty of the department to teach a particular subject

c. Expose faculty to teaching learning process using education technology and pedagogy

d. Recommending specific text books for understanding subject effectively

- Where Academic Audit relates to research leadership learning methodology, publications etc-peer guidance and exposure of faculty to advanced training at national and international level is encouraged.

6.5.3 Is there a central unit within the institute to review the teaching learning process in an ongoing manner? Give details of its structure, methodologies of operation and outcome.

- Academic Council of the institute is mandated to review TL process
- Academic council has VC, Registrar, Director Research, Principal and nominated members of faculty and they deliberate on the Teaching Learning process. Committee collects academic performance of students from COE and Observations made are communicated to HODs through Principal. It is also discussed in BoS and each Department.

6.5.4 How has the IQAC contributed to institutional quality assurance strategies and processes?

Following strategies are adopted for quality assurance

a. Support the young and relatively poorly performing teachers through mentoring and also encouraging them to undergo FDPs

b. Recommend to BOS for restructuring of curriculum wherever required

c. Support students with learning resources to support and supplement TL process

d. Recommend national and international accreditation processes.

6.5.5 How many decision of IQAC have been placed before the statutory authorities of institution for implementation?

Decisions of Academic and Research Audit Committee have been regularly placed before the authorities of the institution for implementation

6.5.6 Are external members represented on IQAC? If so mention the significant contribution made by such member.

Institution IQAC is represented by faculty members chained by V.C. However institute has AAA-with all external members

6.5.7 Has IQAC conducted any study on the incremental academic growth of students from disadvantaged section of society?

No such study is conducted

6.5.8 Are there effective mechanisms to conducted clinical audit of the teaching hospital?

Effective Mechanisms exist to conduct clinical audit of the teaching hospital. Currently one clinical audit is in progress by Department of Anesthesia.

6.5.9 Has the institution or hospital been accredited by any other National/ International body?

AAA audit has been done during 28-04-2014.

The Assessment and accreditation of NACO State Reference laboratory of Microbiology is done by NABL.

6.5.10 Does the hospital have institutional and individual insurance schemes to cover indemnity claims?

Professional Indemnity (Medical Establishment) Policy number 61040446128700000029 taken with National Insurance Company Ltd.

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CRITERION VII
INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.7.1. Does the institution conduct a Green Audit of its campus?

Yes. The Institution conducts Green Audit of its campus. It is done by an authorized agency M/s. LG Professional Services, Mysore. The auditors visited campus during August 2015 for procuring relevant data on water, green and energy audits.

In June 2015 a Committee was constituted to carry out the green audit. Census of plants in the campus and planting of saplings is done regularly.

There are 1040 trees in the campus. Out of which 160 neem trees(Azadirachta indica), 241 Asoka trees (Polyalthia longifolia), 65 banyan trees (Ficus benghalensis), and 22 Sandalwood (Santalum album) and other trees of botanical importance are present.

Energy Audit is already done by TERI (2006). The suggestions given are implemented

7.1.2. What are the initiatives taken by the institution to make the campus eco-friendly?

The initiatives taken by the institution to make the campus eco-friendly are as follows:

1. **Energy conservation:**

   Electricity saving measures

- Staff and students are sensitized and motivated by periodic circulars for energy conservation like switching off lights, fans when not in use and sparing usage of AC's and usage of both sides of paper, increased use of electronic mails instead of written circulars, use of solar heated water instead of electrically heated water.
- CFL and LED bulbs are now replacing the old incandescent bulbs.
- Conventional (Copper) chokes have been replaced by electronic chokes to reduce electricity consumption.
- Capacitor banks have been installed.
- Permissible power factor according to KPTCL guidelines is to be greater than 0.90. The power factor of our institution is 0.98 indicating electrical energy conservation

2. Use of Renewable energy:

- Solar panels are used for hot water at all hostels (UG/PG/NRI – Boys & Girls) and Hospital
- Our university has license for producing 1-3 mega watt capacity power from solar electric plants (17 march 2015)

3. Rain Water Harvesting

- Surface rain water harvesting system is established in the campus. The collected water is used to recharge the ground water table.
- Self explanatory banners for water conservation are displayed in the entire campus.

4. Effort of Carbon Neutrality:

- Many trees like Neem, Gulmohar, Banyan, Asoka decorative plants and other trees are planted in the campus. Every building is surrounded by plants and trees. The open space around the buildings is covered by lawns, wherever possible.
- Burning of biodegradable waste is minimized and this waste is used for composting and gardening.

5. Plantation – Botanical or medicinal significance: Yes. Our campus is enriched with trees like Neem (Azadirachta indica), Nilgiri (Eucalyptus globulus), Asoka (Polyalthia longifolia), Palm (Arecaceae), Shirish (Albizia saman), Banyan (Ficus benghalensis), Sandalwood (Santalum album), Badam (Terminalia catappa), Coconut (Cocos nucifera), Honge (Pongamia pinnata).

6. Biohazardous waste management

We have a robust Biomedical Waste Management System Committee headed by Medical Superintendent takes care of segregation of biomedical waste in wards, OT, etc. It has conducted orientation programs for support staff.

ETP, STP and incinerator plant are maintained according to Karnataka State Pollution Control Board Regulations.

7. E-Waste Management

The Biomedical Waste Management Committee takes responsibility of disposal of electric and electronic wastes.

The old versions of computers in working condition are being distributed to various schools of the Sponsoring Society.

8. Effluent Treatment and Recycling Plant

ETP, STP and Recycling Plants are maintained according to Karnataka State Pollution Control Board Regulation.

9. Any Other-(specify)

a. The University has constituted 'GO GREEN' Club from 2013. This includes the concept of using bicycles weekly once by all staff and students. The club has staff and students as its members and also initiates for more plantation in the campus

Goals of Club :

- To keep college campus green and free of pollution
- To create awareness among the colleagues to use bicycle to reduce pollution from vehicles.
- To set an example for others to use bicycles or car pooling
- To maintain fitness and delay the onset and progression of disease

Future Activities of the Club

- To visit nearby villages on bicycle and educate people on health issues.
- To encourage use of bicycles by students and staff in the campus on voluntary basis.

b. Sensitization Programs are organized at regular intervals on environmental consciousness and Biohazardous Waste Management for students, teachers, Nursing Staff and Class IV .

c. Environmental Awareness Programs, Mass Tree Planting programs within the campus (20 saplings were planted) on world environment day on June 5, 2015 in collaboration with NSS and Go Green Club.

d. Boards displaying motivational text regarding environmental consciousness, friendliness and responsibility are placed at many places in the campus.

e. Under the activity of reintroducing attraction of birds in the campus the students have hung water and food pots on the trees so that birds get water, food and shelter in the trees.

7.1.3. How does the Institution ensure that robust infection control and radiation safety measures are effectively implemented on campus?

Infection Control Committee : Institution has Infection Control Committee, functioning from 2007. All possible steps are taken to curb infection in O.T, wards, Labs, ICU etc.

Radiation safety measures

The Radiology Department is registered with and has license from AERB (**A**tomic **E**nergy **R**egulatory **B**oard) from 2012 for 5 years. The staff takes care for safety measures like minimizing CT exposures and maximizing more MRI scanning. Awareness regarding radiation hazards is created amongst public & patients

7.1.4. Has the institution been audited/ accredited by any other agency such as NABL, NABH, etc.?

AAA accreditation has been done during 28-04-2014.

The Assessment and Accreditation of NACO State Reference Laboratory of Microbiology is done by NABL.

7.2. Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the institution.

Innovative Practices

Being innovative is about looking beyond what we currently do well, identifying the great ideas of tomorrow and putting them to practice.

1. Departmental Mentorship:

Departmental Mentorship has been instituted in view of developing every Department as a Centre of Excellence.

It aims at overall development of a department in terms of academics faculty improvement, community and patient services and technological advances.

The Mentor- an external eminent personality along with excellent interpersonal skills and experience, coaches, empathizes, suggests, encourages, motivates regarding various strategies which help in promoting academic, administrative, clinical and patient services of department.

Accordingly, the department faculty recognizes their value and become receptive to the advice and counsel of a more experienced person whom they respect and admire.

Mentorship has made palpable improvements in departmental activities like increase in the number of research projects and collaborations with other institutions are observed.

2. Mock Trial/Moot Court

This has been started to impart knowledge as to various steps/ methodology of recording evidence in the court of law. Doctor in his profession has to attend medico legal cases, issue the certificates, attend the court on receipt of summons etc. Hence, it is mandatory for every doctor to know his role in medico legal related court proceedings.

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The undergraduate students of 2nd phase, 4th term will be selected for voluntary participation at least one month prior to date of mock trial. A senior teacher is made in charge of selection of students for enacting various roles like judge, bench clerk, dafedar, steno cum typist, prosecutor, defence advocate, accused. The students are taken to court for real experience before the actual conduct of mock trial. Rehearsal under the direct supervision of HOD and senior teacher will be conducted. A hospital scene depicting summons of the doctor and nurse is arranged. On the day of event, undergraduate students, internees, post graduate students and teaching staff of the college are invited as spectators. Video recording and photography is being done. A certificate of appreciation to the students is issued.

All the participants and the spectators will be imparted the knowledge as to method of serving summons, meeting the prosecutors, oath taking, deposition of evidence, cross examination and facing court questions which helps prepare oneself when one (he/she) may be summoned by the court of law in near future. The students are of the opinion that their understanding of trial and role of a doctor in medico legal related court proceedings is enhanced.

3. Mind Mapping Exercise (Mind Tree)

Today's method of learning is monotonous and unenthusiastic to the students. To overcome this, new method of teaching like mind mapping is introduced.

It is the pictorial representation of our thoughts and ideas on a sheet of paper. At the centre of the paper, we have to write main topic. From the centre, multiple branches will arise representing subtopics. Each subtopic should have one or two words with small relevant pictorial representation. Subtopic also has branches which has got horizontal and vertical portion. Every sub topic should have a pictorial representation. During the preparation, we should use four to five different and attractive colors.

This type of representation for different topics are taught by the faculty to the students. Later the students prepare their own mind mapping charts on various topics.

This method of teaching helps in different ways: Use of different colors attracts the attention. Pictorial representation of the matter helps in retaining and remembering it easily for a long time. The whole topic can be put to the wall of a room and can go through easily during leisure time. This allows the students to think about the topic and put their ideas in a pictorial form, which will be in a way different from routine learning methodology.

7.3.1 Give details of any two best practices that have contributed to better academic and administrative functioning of the institution.

Best Practices- 1

1. Title: Social Responsibility

2. Objectives: This region of the Karnataka State is one of the underdeveloped and educationally backward, which requires encouragement for higher education. As a social responsibility, the institution has introduced a unique practice of offering free seats for students of this region hoping that in the long run the students will serve in their home town. This has been a motivation factor for the students and appreciated by society.

3. The Context: Social responsibility is an ethical framework which suggests that an organization has an obligation to act for the benefit of the society at large. Most of the students may be meritorious but not able to pursue medical education because of financial constraints. The Sponsoring Society made the decision and is committed to support students by giving free medical seats for meritorious students domicile of Vijayapur. The support includes exemption from payment of tuition fee, other fee and 50% waiver of hostel fee if opted for hostel. No challenging issues were present for adapting this as a Best Practice.

4. The Practice: The Practice of providing free higher education in medical field is very unique as medical education is very costly. This region of downtrodden and draught area with so many financial constraints really requires such a noble practice. The practice was started in the year 2011 with allotment of 5% (7 seats) of the total seats and in the year 2014 the number of seats increased to 10% (15 seats). Notification of the scheme is announced in the BLDE university website and published in the local newspapers. The date, time and venue of the counseling is announced well in advance. Those students securing medical rank within 2000 in KARNATAKA CET, domicile of Vijayapur and having studied minimum 7 years in Vijayapur are eligible for free seats. The selection of students will be on the inter-se merit on the ranks awarded by Karnataka CET. Till date 29 students have been admitted to MBBS course under the scheme. The students taking admission under this category shall complete the course within four and half years.

Table 7.3.1 : No of students admitted from 2011-2015

Year	2011	2012	2013	2014	2015
No. of students	6	3	3	13	04

5. Evidence of Success: This scheme is well received by the society and more and more students are opting for admission.

6. Problems Encountered and Resources Required: No problems were encountered. Extra Financial resources were required, and it was borne by the college.

7. Notes: The best practice of social responsibility implemented by us can

be adopted by other institutions as a duty of every institution to perform so as to maintain a balance between the economy and ecosystems.

Best Practices - 2

1. Title: Systematic Clinical Training with Skills Lab

2. Objectives:

- To provide continuing education that supports excellence in clinical practice while finding new opportunities to make learning more stimulating motivating and entertaining.
- To improve participation and achievement of learning goals.
- To train and develop necessary clinical skills in medical undergraduate, postgraduate students, paramedical students as per needs and competency statements of various courses.
- To develop and act as a Resource Centre for such activities and co ordinate between various sections for effective delivery.
- To develop resources, materials and course curricula required for various courses.
- To train and certify the learners and faculty necessary for conducting courses.
- To provide intellectual support for upcoming centers.

3. Context: Among the three major domains of learning for a doctor viz knowledge, skills and ethics, knowledge and ethics are learnt relatively easily by various teaching-learning methods. Learning skills are however major challenges because

- Safety of patients during training is a concern
- Opportunities for learning are limited
- Trying the skills on patients directly is a problem

The concept of clinical training is gaining wide acceptance in medical schools. This need has been realized for many years. Many countries mandate a formal certificate in basic surgical skills before allowing students to take post graduate examination. In the clinical skills, teaching laboratory simulated real life experience encourages active hands on learning. In a safe environment, students are able to learn and practice simulated procedures in the safe, supported environment before performing live procedures on patients, thus increasing patient safety.

4. The Practice: Institution has Basic Skills Laboratory. A Skills Lab Committee was established by the university on Jan 2012. The Committee meets regularly and discusses in depth about planning the curriculum procurement of necessary equipments mannequins and functioning of the unit. Skills Lab has adopted its own state of the art elaborate curriculum

with the following headings

- Open Surgical Skills
- Laproscopic Skills
- General Skills
- OT Skills

There is a group of well trained resource persons to train the students. Calendar of events of Clinical skills laboratory is prepared for each academic year. It regularly conducts workshops for undergraduates, interns and postgraduates from departments of Medicine, Surgery, Pediatrics, OBG, Orthopedics, Anesthesia, ENT and radiology and GNM interns and M.Sc. students (Institute of nursing science). Various basic and advanced clinical programs are held according to calendar of events. It includes Basic Skills Workshop, PGs lab training on endotrainer, CPR, NR, Pregnancy models, basic gynecological workshop, ophthalmology, Pediatric Otolaryngology, orthopedic related workshop under different headings are conducted for groups of students. It has mannequins which are able to recreate on many physical findings of cardiology, ECG, respiration, surgical skills etc. It is planned to procure simulators which present complex interactive and real life like experiences.

5. Evidences of success: Students are able to perform the procedures more efficiently with confidence on patients. They develop more clinical skills and get more stimulated to learn more techniques.

6. Problems Encountered and Resources Required: This requires more integrated teaching, mannequins, allied departments and simulators. The cost is one of the constraints. Financial resources were required, it was borne by the college. Is further strengthening and upgrading the Lab. However, College is supporting to a large extent.

7. Notes: The practice of skills lab facilitates cultural change that provides students with myriad learning opportunities of medical techniques complementing their skills, helping him/her to emerge as a complete health care professional. Hence this practice can be adopted by other institutions.

BLDE UNIVERSITY

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2.	I b	9 a	Gazette Notification
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(TO BE PUBLISHED IN THE GAZETTE OF INDIA PART-I SECTION-1)

No. F. 9-37/2007-U.3(A)
Government of India
Ministry of Human Resource Development
(Department of Higher Education)

Shastri Bhawan, New Delhi,
Dated the 29th February, 2008.

NOTIFICATION

Whereas the Central Government is empowered under Section 3 of the University Grants Commission (UGC) Act, 1956 to declare, on the advice of the UGC, an institution of higher learning as a deemed-to-be-university.

2. And whereas, a proposal was received from Bijapur Liberal District Educational Association, Bijapur, Karnataka seeking status of deemed-to-be-university to Shri B.M. Patil Medical College, Hospital and Research Centre, Bijapur in the name of 'BLDE University' under Section 3 of the UGC Act, 1956;

3. And whereas, the University Grants Commission have examined the said proposal and vide their communication No.F.26-13/2007 (CPP-I) dated the 28th December 2007 have recommended conferment of status of 'deemed-to-be-university' to Shri B.M. Patil Medical College, Hospital and Research Centre in the name and style of BLDE University, Bijapur, Karnataka, under Section 3 of the UGC Act, 1956, initially for a period of 5 years;

4. Therefore, in exercise of the powers conferred by Section 3 of the UGC Act, 1956, the Central Government, on the advice of the University Grants Commission (UGC), hereby declare Shri B.M. Patil Medical College, Hospital and Research Centre, Bijapur, Karnataka as deemed-to-be-a university in the name and style of "BLDE University" for the purposes of the aforesaid Act, provisionally for a period of

BLDE UNIVERSITY

9/6/08

रजिस्ट्री सं. डीएल(एन)-04/0007/2003--05

REGISTERED No. DL(N)-04/0007/2003—05

भारत का राजपत्र
The Gazette of India

साप्ताहिक/WEEKLY

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

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No. 13] NEW DELHI, SATURDAY, MARCH 29, 2008—APRIL 4, 2008 (CHAITRA 9, 1930)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

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*आंकड़े प्राप्त नहीं हुए।

1—511GI/2007

367033, 25367035, 25367036
25367033, 25367035, 25367036
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: मेडकॉसिंड नई दिल्ली
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mail : mci@bol.net.in
Website : www.mciindia.org

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भारतीय आयुर्विज्ञान परिषद्
Board of Governors in Super-session of
MEDICAL COUNCIL OF INDIA

MCI No. : 34(41)UG/2010- Kar-11/41862

Date : 20/11/10

The Principal,
Shri B M Patil Medical College, Hospital & Research Centre,
Bangaramma Sajjan Campus,
Sholapur Road, Bijapur – 586 103
Karnataka
PH. – 08352 – 262069, 262770 Extn. 2050, 2111, 2203
Fax: 08352-263019 , 260792
Mobile: 09844129092
Email – bmpmc1@yahoo.co.in
rcbidri@yahoo.com

Copy for information to.
Also Please issue
Registration No. 41862
Thanks

26/11/2010

PRINCIPAL,
B.L.D.E. University's,
Shri. B.M. Patil Medical College
Hospital & Research Centre,
Bijapur.

Sub: Continuance of recognition of MBBS degree granted by BLDEA University (Previously affiliated to Rajiv Gandhi University of Health Sciences, Bangalore) in respect of students being trained at Sri B.M. Patil Medical College, Bijapur.

Sir,

I am directed to inform you that the Board of Governors noted the Council letter dated 27.01.2010 conveying therein the decision of the Executive Committee to issue a final show cause notice to the authorities of Shri B.M.Patil Medical College, Bijapur as to why the recognition for the award of MBBS degree should not be withdrawn u/s 19 of the IMC Act, 1956 alonwith compliance submitted in reference to show cause notice and decided to verify the same. Accordingly, the compliance verification assessment of your college was carried out on 16th & 17th Aug., 2010.

The compliance verification assessment report (16th & 17th Aug., 2010) submitted by the Council Assessors was considered by the Board of Governors. The Board of Governors decided to revoke the earlier decision taken by the Executive Committee at its meeting held on 12.01.2010 to issue a show cause notice and further decided that the recognition of MBBS degree granted BLDEA University (Previously affiliated to Rajiv Gandhi University of Health Sciences, Bangalore) in respect of students being trained at Shri B.M.Patil Medical College, Bijapur be continued restricting the number of admissions to 150 (One Hundred and fifty) students per year.

It is further to inform you that your institution are fully responsible to fulfill and maintain norms including the infrastructure both physical and human resource, teaching faculty and clinical material etc. throughout, as stipulated in Regulation of Medical Council of India. In case false/wrong declaration or fabricated documents have been used for procuring the approval of Continuation of recognition of the Board of Governors and the said misconduct is brought to notice or comes to the knowledge of MCI at any stage, your institution is not liable to be considered for approval of continuation of recognition with the annual intake capacity of 150 students and this approval is also liable to be revoked.

Yours faithfully,

(Dr. Davinder Kumar)
Joint Secretary

Endst. No. MCI.-34(41)(UG)/2008-Kar-11(92)/ Dated:

Copy forwarded for information & necessary action to:-

1. The Secretary to the Govt. of India, Ministry of Health & FW, Nirman Bhanwan, New Delhi.
2. The Director of Medical Education Anand Rao Circle, Bangalore-560009 Off. 080-22870060, 22875798 Mobile: 9845043985 Email: drararuna05@yahoo.co.in

Medup6/mvdoc/periodical/Board of Governors

[TO BE PUBLISHED IN PART II, SECTION 3, SUB-SECTION (II) OF THE GAZETTE OF INDIA]
Government of India
Ministry of Health & Family Welfare
(Department of Health and Family Welfare)

17 JAN 2011
462/11

Nirman Bhavan, New Delhi
Dated the 22 12 2010

NOTIFICATION

S.O.....In exercise of the powers conferred by sub-section(2) of the section 11 of the Indian Medical Council Act, 1956 (102 of 1956), the Central Government, after consulting the Medical Council of India, hereby makes the following further amendments in the First Schedule to the said Act, due to change in name of affiliating University namely:-

In the said First Schedule after "Bangalore University, Karnataka" and entries thereto "BLDE University, Bijapur" shall be added and against "BLDE University" under the heading 'Recognised Medical Qualification' [hereinafter referred to as column (2)], and entry relating thereto under the heading 'Abbreviation for Registration' [hereinafter referred to as column (3)], the following shall be inserted, namely:-

(2)	(3)
"Diploma in Anaesthesia"	D.A.
"Diploma in Child Health"	D.C.H.
"Diploma in Clinical Pathology"	D.C.P.
"Diploma in Obstetrics & Gynaecology"	D.G.O.
"Diploma in Orthopaedics"	D. Ortho.
"Diploma in Oto-Rhino-Laryngology"	D.L.O.
"Doctor of Medicine(Anaesthesiology)"	MD(Anaesthesiology)
"Doctor of Medicine(Dermatology, Venerology & Leprosy"	MD(DVL)
"Doctor of Medicine(General Medicine)"	MD(General Medicine)
"Doctor of Medicine(Microbiology)"	MD(Microbiology)
"Doctor of Medicine(Paediatrics)"	MD(Paediatrics)
"Doctor of Medicine(Pathology)"	MD(Pathology)
"Doctor of Medicine(Physiology)"	MD(Physiology)
"Doctor of Medicine(Social & Preventive Medicine/ Medicine) Community Medicine)"	MD(S.P.M./Community
"Doctor of Medicine/Master of Surgery(Anatomy)"	MD/MS(Anatomy)

PRINCIPAL,
B.L.D.E. University's,
Shri. B.M. Patil Medical Col
Hospital & Research Cer
Bijapur,

PTO

[TO BE PUBLISHED IN PART II, SECTION 3, SUB-SECTION (II) OF THE GAZETTE OF INDIA]

BLDE(D) SHRI B.M. PATIL
11 AUG 2015
INWARD NO 443/15

Government of India
Ministry of Health & Family Welfare
(Department of Health and Family Welfare)

BLDE UNIVERSITY, REGISTRAR
DATE: 12/8/15
INWARD NO.: 2091/15

Nirman Bhavan, New Delhi
Dated the 4th August, 2015

NOTIFICATION

S.O..... In exercise of the powers conferred by sub-section(2) of the section 11 of the Indian Medical Council Act, 1956 (102 of 1956), the Central Government, after consulting the Medical Council of India, hereby makes the following further amendments in the First Schedule to the said Act, namely:-

In the said Schedule –

a) against "Manipal University, Karnataka" under the heading 'Recognised Medical Qualification' [hereinafter referred to as column (2)], after the last entry and entry relating thereto under the heading 'Abbreviation for Registration' [hereinafter referred to as column (3)], the following shall be inserted, namely:-

(2)	(3)
"Doctor of Medicine (Radio Diagnosis)"	MD (Radio Diagnosis) (This shall be a recognised medical qualification when granted by Manipal University, Karnataka in respect of students being trained at Kasturba Medical College, Mangalore, Karnataka on or after 2014).
"Doctor of Medicine (Gastroenterology)"	DM (Gastroenterology) (This shall be a recognised medical qualification when granted by Manipal University, Karnataka in respect of students being trained at Kasturba Medical College, Mangalore, Karnataka on or after 2014).

b) against "Sri Siddhartha University, Tumkur, Karnataka" under the heading 'Recognised Medical Qualification' [hereinafter referred to as column (2)], after the last entry and entry relating thereto under the heading 'Abbreviation for Registration' [hereinafter referred to as column (3)], the following shall be inserted, namely:-

"Doctor of Medicine(Dermatology, Venereology & Leprosy)"	MD(DVL) (This shall be a recognised medical qualification when granted by Sri Siddhartha University, Tumkur, Karnataka in respect of students being trained at Sri Siddhartha Medical College, Tumkur, Karnataka on or after 2014).

c) against "KLE University (Deemed University), Belgaum, Karnataka" under the heading 'Recognised Medical Qualification' [hereinafter referred to as column (2)], after the last entry and entry relating thereto under the heading 'Abbreviation for Registration' [hereinafter referred to as column (3)], the following shall be inserted, namely:-

"Magistrar Chirurgiae (Neuro Surgery)"	M.Ch(Neuro Surgery) (This shall be a recognised medical qualification when granted by KLE University (Deemed University), Belgaum, Karnataka in respect of students being trained at Jawaharlal Nehru Medical College, Belgaum, Karnataka on or after 2014).

Copy to CoE / Registrar

PRINCIPAL
B.L.D.E. University's
S. N. Patil Medical College

Phone : 25367030, 25367033, 25367035, 25367036
दूरभाष : 25367030, 25367033, 25367035, 25367036
Telegrams : MEDCONCIND, New Delhi
तार : मेडकॉसिंड नई दिल्ली
Fax : 0091-11-25367024
E-mail : pg@mciindia.org; mci@bol.net.in
Website : www.mciindia.org

पॉकेट – 14, सेक्टर – 8,
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नई दिल्ली–110 077
Pocket- 14, Sector- 8,
Dwarka Phase - 1
New Delhi-110077

05 APR 2013
99/13

भारतीय आयुर्विज्ञान परिषद्
BOARD OF GOVERNORS IN SUPER-SESSION OF "MEDICAL COUNCIL OF INDIA"

PG Meeting Date: 28th & 29th January 2013
Item No. 147

No.MCI-69(22)/2012-Med./169000 Dated: 29/03/13

(LETTER OF PERMISSION)

The Dean/Principal,
Shri B.M. Patel Medical College,
Bangaramma Sajjan Campus,
Sholapur Road, Bijapur - 586 103, Karnataka
Email: - bmpmc1@yahoo.com ; office@bldeuniversity.org

Sub: **Starting of MD(Pharmacology) course at Shri. B. M. Patil Medical College, Hospital and Research Centre, Bijapur, Karnataka under B. L. D. E. University, Bijapur, Karnataka u/s 10A of the IMC Act, 1956 for four(04) seats –Permission of Board of Governors- regarding**

Sir/Madam,

In continuation to this office **Letter of Intent** dated **23rd February 2013** and your acceptance of the conditions mentioned therein vide letter dated **28th February 2013**, I am directed to convey the permission of the Board of Governors for **Starting of MD(Pharmacology)** course **with an annual intake of 02(Two) students per year,** with prospective effect i.e. from the academic year 2013-2014 at your institute u/s 10A of the IMC Act, 1956, as amended.

This permission for starting of the above course and admission of students will be till such time the first batch of students admitted against the above course appears for the final examination in the subject. The college authorities may take up the matter for recognition of the qualification under section 11(2) of the IMC Act at the time of first batch admitted against the course appears for final year examination with the Central Government.

I am further directed to inform that you and your institution are fully responsible to fulfill and maintain norms including the infrastructure both physical and human resource, teaching faculty and clinical material, etc. throughout the academic year, as stipulated in Regulation of Medical Council of India. In case false/wrong declaration or fabricated documents have been used for procuring permission of the Board of Governors and the said misconduct is brought to notice or comes to the knowledge of Medical Council of India at any stage during the current academic year, your institution is liable not to be considered for recognition of the degree and this letter of permission is also liable to be revoked for current academic year. Besides, Medical Council of India is entitled to take all such measure against you and your college/institution as permissible under the law.

Please acknowledge receipt of this letter.

Yours faithfully

Amba Sethi

For [Prof. Sanjay Shrivastava]
Secretary

PRINCIPAL,
B.L.D.E. University's,
Shri. B.M. Patil Medical College
Hospital & Research Centre,
Bijapur.

C.C. to:

1. The Secretary, (Medical Education) Health & FW Deptt., Karnataka Govt. Secretariat, 1st Floor, 3rd stage, M.S. Building Bangalore-560001.
2. The Registrar, B.L.D.E University, Bangaramma Sajjan Campus, Sholapur Road, Bijapur -586103, Karnataka
3. The Director of Medical Education, Karnataka, Anand Rao Circle, Bangalore-560009.
4. The Secretary to the Govt. of India, Ministry of Health & F.W., Nirman Bhawan, New Delhi.

B.L.D.E. UNIVERSITY

[Declared as Deemed-to-be-University u/s 3 of UGC Act, 1956 vide Government of India Notification No. F.9-37/2007-U.3(A)]

The Constituent College

SHRI. B. M. PATIL MEDICAL COLLEGE, HOSPITAL AND RESEARCH CENTRE

Undergraduate Graduate Course offered

Sl. No	COURSES	No of Seats
1	MBBS (4 ½ years +1 year Internship)	150

Post Graduate (Degree and Diploma) Courses offered

Sl. No	COURSES	Degree (3 years)	Diploma (2 years)
		MD	-
2	Human Physiology	MD	-
3	Biochemistry	MD	-
4	Pathology	MD	D.C.P.
5	Microbiology	MD	-
6	Pharmacology	MD	-
7	Forensic Medicine	MD	-
8	Community Medicine	MD	-
9	General Medicine	MD	-
10	Paediatrics	MD	D.C.H.
11	Dermatology	MD	-
12	General Surgery	MS	-
13	Orthopedics	MS	D.Ortho.
14	Anaesthesiology	MD	D.A.
15	E.N.T.	MS	D.L.O.
16	Ophthalmology	MS	-
17	Obst.& Gynecology	MS	D.G.O.
18	Radiology	MD	

B L D E UNIVERSITY

BLDE UNIVERSITY

Prof. B. G. Mulimani
M.Sc., Ph.D.(McGill,Canada)
Vice-Chancellor

Declaration by the Head of the Institution

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution with seal:

Place: Vijayapur
Date: 18/9/15

B.L.D.E. UNIVERSITY VIJAYPUR.

Smt. Bangaramma Sajjan Campus, Bijapur-586 103. Karnataka, India. Phone :08532-262770, Fax: 08352-262609
vcbldeu@gmail.com office@bldeuniversity.org

B.L.D.E. UNIVERSITY
The Constituent College
SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL AND RESEARCH CENTRE
Smt. Bangaramma Sajjan Campus, Sholapur Road, Vijayapur-586 103, Karnataka, India