

# Krishna Institute of Medical Sciences

## “Deemed To Be University”, Karad

### STRATEGIC PLAN (REVISED)

(Revised : vide resolution No. BOM/01/10/21-22 of Board of Management Meeting Dated 31.10.2021)

#### **About University**

Krishna Charitable Trust, the sponsoring society of Krishna Institute of Medical Sciences “Deemed To Be University” was established by philanthropist, social reformer and visionary late Shree Jaywantrao Bhosale.

He established the Institute with the objective of providing access to health care and education for people in rural areas.

The Krishna Hospital was started in year 1982. In 1984, in terms of the vision postulated by the late Chief Minister of Maharashtra Shri Vasant Rao Dada Patil, the Govt. of Maharashtra in its resultant policy, opened up the sector of professional education for nonprofit organizations whereby the Govt. of Maharashtra vide GR no. MED/1684/952/Med4 dt. 3<sup>rd</sup> July 1984 permitted Krishna Charitable Trust to establish the Medical College as a maiden venture. Having fulfilled all the requirements of infrastructure, teaching faculty, equipment's and facilities the MBBS degree was recognized by the MCI and the college was permitted to start post graduate courses in all relevant branches from 1991. The changing frontiers of medical science and the advances witnessed in the growth of the health care sector and health education, the Institution applied to the Govt. of India for conferment of 'Deemed to be University' status.

The Govt. of India on recommendation of UGC declared Krishna Institute of Medical Sciences as “Deemed to be University” vide its notification no. F.9-15/2001-U.3 of the Ministry of Human Resource Development, Govt. of India dt. 24<sup>th</sup> May 2005.

After attaining the Deemed University status in May 2005 faculties of Dentistry, Nursing, Physiotherapy and Pharmacy were started with the approval of the regulatory councils viz. Dental Council of India, Maharashtra Nursing Council, Indian Nursing Council, Indian Association of Physiotherapists, Physiotherapy council of Maharashtra and Pharmacy Council of India.

The Krishna Institute of Medical Sciences “Deemed to be University” continues with its vision, mission and objectives of meeting emerging challenges in health care by capacity building and producing knowledgeable, skilled and competent graduates to supplement the deficient manpower in the health sector. The Institution has always inspired its students in their pursuit for knowledge by providing a robust platform for research initiatives and innovations.

Several new postgraduate and doctoral programs have been introduced in addition to purpose oriented vocational courses, value added courses and fellowships in emerging, advanced and interdisciplinary areas.

As of now the Institute is the largest tertiary health care facility in southern Maharashtra with its multispecialty hospital having 1125 beds and state of art diagnostic and treatment facilities.

University is accredited by various accrediting agencies for its quality sustenance, enrichment and enhancement in academics and healthcare services.

- Krishna Institute of Medical Sciences “Deemed To Be University” is accredited by NAAC with ‘A’ Grade (CGPA : 3.20 on 4 Point Scale).
- Krishna Institute of Medical Sciences “Deemed To Be University” is an ISO 9001:2015 certified University.
- Krishna Institute of Medical Sciences “Deemed To Be University” is an ISO 14001:2015 EMS certified University.
- Krishna Hospital and Medical Research Centre is accredited by National Accreditation Board for Hospitals and Healthcare Providers (NABH).
- Neonatal ICU is accredited by National Neonatal forum of India.
- Blood Bank is accredited by National Accreditation Board for Hospitals and Healthcare Providers (NABH).
- KIMS Diagnostics (Laboratory) is accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL).
- Department of Molecular Biology & Genetics is accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL).

### **Strategic Plan**

1. The Strategic Plan of KIMSDU is in consonance with the Vision and Mission document of the University. It aims at providing quality health care and generating research based evaluation, along with being recognized as an institute offering the best of healthcare and education worldwide across the globe.
2. The most notable feature of the strategic plan involves the introduction of liberal arts education & vocational courses.
3. The plan also envisages greater emphasis on integration of disciplines & a multidisciplinary approach for research & innovation.
4. Internationalization of the curriculum will be further supplemented by twinning programmes & joint academic & research activities with International institutes & Universities.

5. The University will also undertake open & distance learning modules for better access & reach nationally & internationally.
6. The plan reflects the ideology of the University along with inputs from all stake holders. This also takes into account the local, national and global needs.

The strategic plan is depicted in three phases

- a. Part I :-for 5 years i.e. Academic Year 2020 to Academic Year 2025
- b. Part II :- Next 5 years – Academic Year 2025 to Academic Year 2030
- c. Part III :- Next 5 years – Academic Year 2030 to Academic Year 2035

The strategic plan of the University is drafted by a committee appointed by the Vice Chancellor and approved in the IQAC & finally approved in the Board of Management.

### **Proposed Strategic Plan (for 15 Years – Each Phase of Five Years)**

By definition, the strategic plan is a specific action oriented medium or long term plan for making progress towards a set of institutional goals. Thus it is the art of creating specific strategies and implementing them and evaluating the results of the implemented plan in regard to institutional excellence.

It's basically a concept of integrating various departments within an institute to accomplish its set goals. Converting the goals into plans is the blueprint for its implementation.

### **Mechanism of Deployment :**

The strategic plan of the University is developed based on Vision and Mission of the University. It is based upon the strength, weakness, opportunities and threat analysis. It is also based upon available resources, infrastructure, manpower, finance, market study, demand and supply and the competition. The implementation plan is fabricated with involvement of all the stake holders with the approval of the Board of Management, Planning and Monitoring Board and other statutory committees.

The strategic plan of the University is to achieve overall excellence in healthcare, education and research. Inputs are taken from all stakeholders like external experts, NAAC peer team report (2015), UGC review committee (2017), Academic and Administrative Audit reports.

All the stakeholders are involved in formulating the strategic plan through Joint College Councils and external experts from relevant domains who are members of the Internal Quality Assurance Cell, Academic Council, Board of Management and Planning and Monitoring Board. Monitoring of the strategic plans developed and implemented are a part of the academic and administrative culture.

### **Monitoring the Deliverables :**

Each component of the strategic plan is deployed through various mechanisms and statutory bodies like Academic Council, Board of Management and Planning and Monitoring Board.

The Planning and Monitoring Board meets twice in a year, 1) before the start of the academic year (i.e. in the month of June) for implementation of the various activities and 2) to monitor the progress of these activities at the end of six month (i.e. in the month of January). A thorough and critical appraisal of the progress of all targeted activities is taken into account in this meeting. The review is based on the 1) particulars of the activity / proposal, 2) responsible person, 3) status of compliance and 4) reasons of non compliance and 5) solutions for mitigation of the same.

The academic matters are approved through the Academic Council Meeting and they are monitored through action taken report in the next meeting. The action taken report consists of 1) particulars of the activity 2) responsibility and 3) status of compliance.

Likewise, financial matters are implemented and monitored through the Finance Committee. All the matters pertaining to the academics, finance, IQAC are regular items in the Board of Management meetings. Here they are noted and their progress monitored.

While monitoring the deliverables at various levels, the following are taken into consideration,

- 1) Defined measurable criteria for implementation,
- 2) Whether implementation is as per strategy,
- 3) Monitoring categories – functioning, technical and processes
- 4) Whether the University is making progress as per goals and objectives,
- 5) Six monthly progress of students, teachers and research.

The strategic plan of the University is reflected in the five year perspective plan, which depicts the planned activities in areas related to 1) academics, 2) infrastructure, 3) research and 4) services. This is for each academic year. This is implemented and monitored through the Planning and Monitoring Board, Academic Council and Board of Management.

The success of the University depends upon scrupulously implementing the strategic plan in a time bound manner.

**Modifying and realigning the Strategic Plan of the University in consonance with the  
National Education Policy**

**PREAMBLE**

Ministry of Education Government of India have come out with National Education Policy 2020 which is indicative of the direction of the Education at all levels to be effected prospectively for fulfilment of the set out objectives.

The said document clearly spells out directional indications for all levels of education including higher education and professional as well as technical education as well. The key features as brought out in the said document in the context of higher and professional education are mainly as under :

1. Categorizing the Universities into three distinct categories namely
  - a) Research Based Universities
  - b) Teaching and Research Based Universities
  - c) Degree Conferring Autonomous Institutions
2. The nature of the Universities apart from the aforesaid categorization would be multidisciplinary in character. It would be a deviation from exclusive monodisciplinary Universities which are in vogue as of now.
3. The emphasis in the nature of the courses to be run by the Universities would be to shape them in an interdisciplinary format with incorporation of 'electives' thereunder.
4. The structuring of the courses would be 'Credit based' in the modality of assessment would be in terms of 'Choice Based Credit System'.
5. The modality of transfer of credits is to be worked out for which a system of Academic Bank of Credits is to be put into operation entitling the learner to have retention of credits including 'add-on' Credit transfers in terms of accumulated credits including retention thereof wherever necessary.
6. This entails the academic courses to have 'multiple exits' and 'collateral entry' in such a form that depending upon the prescribed years of the course multiple level conferment's could be

made in the form of 'Certificate', 'Degree', 'Degree with Honors', 'Diploma', 'Post-Graduate Degree' and 'Doctoral Degree'.

The indicative directions as brought out in the National Education Policy-2020 need to be evoked in a phasic manner and hence they need to be appropriately reflected in terms of diligent alignment in the perspective development plan of the University. The said directional shifts would be put into place in the country latest by 2035, whereby the update of the plan has to be worked out keeping that in mind.

The professional courses which are run under the ambit of the University are under the Regulatory control of the respective statutory apical council that have been created under the relevant parliamentary enactments. The stipulations in Governing regulations notified by them for the concerned Academic Programmes are binding in nature and mandatory in character.

In absence of the action plan on the National Education Policy-2020 having not been notified as yet and guidelines pertaining to incorporation thereto with reference to the academic programmes under the authority, jurisdiction and ambit of the Governing Regulatory Apical Councils, the initiatives included in the perspective development programme would be in terms of –

1. Initiation of academic courses under multiple disciplines to give the University a multidisciplinary character.
2. Incorporation of electives in the ongoing academic programmes specially those which are outside the ambit of the Apical Statutory Regulatory Councils.
3. Incorporation of Credit System and Choice Based Credit System, Mode of assessment in the academic programmes outside the ambit of Apical Statutory Regulatory Council.
4. Invocation of multiple exit and collateral entry in the academic programmes both ongoing as well as to be launched prospectively by appropriate structuring and commensurate level of certification.
5. Initiation of an Academic Credit Bank at the University level to begin with in tune with the indicational principles that have been brought out in the National Education Policy Document-2020 and thereby working out the modalities of Credit Retention and Credit Transfers in terms of prescribed governing policy thereto.

- **Part I :- for 5 years i.e. Academic Year 2020 to Academic Year 2025 (Year Wise)**

### **Plan for Academic Year 2020-2021**

#### **Academics :**

##### **New Courses:**

##### **Postgraduate :**

MPT<sub>H</sub> in Sports Physiotherapy

MPT<sub>H</sub> in Oncology Physiotherapy

M.Sc Pharmaceutical Microbiology

##### **Doctoral / Superspeciality :**

DM Cardiology

MCh (Urology/ Genito-Urinary Surgery)

##### **Fellowships / Diploma :**

Post Graduate Diploma in Health Care Management

#### **Increase in existing intake capacity:**

<b>Undergraduate</b>	Basic B.Sc. Nursing	from 100 to 150
	BPT <sub>H</sub>	from 75 to 100
<b>Postgraduate</b>	MD Medicine	from 13 to 16
	MD Dermatology	from 02 to 03
	MD Radio diagnosis	from 06 to 09
	MD Anesthesiology	from 09 to 10
	MS General Surgery	from 10 to 21
	MS Orthopedic	from 06 to 12
	MS Ophthalmology	from 04 to 06

#### **Teaching-Learning & Evaluation :**

- Capacity Building – Deputation training at centres of excellence & other incentivised professional development opportunities.
- Online teaching-learning & assessment on virtual platform with reputed national & international faculties.

### Infrastructure:

- Addition of infrastructure including 7200 sq. mtr. for the medical college to meet the National Medical Commission requirements for 250 admissions.
- Up gradation of new skills lab in accordance with NMC.
- Increase in no. of teaching beds (100) in the hospital.
- New equipment for the hospital includes :
  - Special operating microscope for neurosurgery.
  - 2 ultrasound machines
  - Addition of 20 ventilators, 4 dialysis machines & multipara monitors for Covid treatment.

### Research :

- Community Research projects in 5 adopted villages.
  - Awareness level, challenges faced and strategies adopted by the community to face the COVID-19 pandemic.
  - Community based intervention to improve utilization of cervical cancer screening.
- Participate in collaborative Research studies for COVID-19 diagnosis and management.
- Increase cross-disciplinary interaction for Patent related research between health sciences, engineering and biotechnology.
- Establishment of Biostatistics & Bioinformatics cell to augment / support research projects.
- Organizing workshops on grants writing, statistical methods, IPR, GCP & GCLP and other research proposals.
- COVID related research project including post-covid syndromes.
- Increase in interdisciplinary research between faculties of Medicine, Pharmacy, Ayurveda, Dentistry, Physiotherapy & Nursing.



**Services :**

- Establishment of dedicated dental unit to Enhance social awareness in Oral health at community level in rural areas of Karad taluka.
- Start Tele- Physiotherapy and Tele- Conferencing.
- Active participation of Physiotherapy in Pain and palliative care clinic of Krishna Hospital for cancer patients.
- Community based intervention for early detection of breast & cervical cancer. (Screening utilizing I-breast device & Pap smears).
- Strengthening the village adoption program of KIMSDU for physical health and well being of people belonging to adopted villages.

**Other :**

- Starting NCC batch  
NCC batch to be registered for inculcating patriotic values, discipline & leadership qualities.

## Plan for Academic Year 2021-2022

### Academics:

#### New Courses

**Undergraduate:** BBA in Rural Management

**Postgraduate:**

M. pharm in Pharmaceutics

M. pharm in Regulatory Affaires

M. Pharm in Quality Assurance

Pharm D and Post baccalaureate

M.PTh in Ob/Gyn

M.PTh. in Geriatric Physiotherapy

M.PTh in Manual Therapy

**Diploma / Fellowships:**

Fellowship in Medical Oncology

Fellowship in Skull-base surgery

Fellowship in Advanced Neuro-navigation

2 Years Fellowship in Emergency Medicine after MBBS

1 Year Fellowship in Emergency Medicine after MD/MS

Post Basic Diploma in Oncology Nursing

**Twinning programs:**

To enter into collaboration with national & international universities for twinning programmes & joint research initiatives.

### Infrastructure:

- New staff quarters & Resident's hostels
- Establishment of Advanced Nursing Practice laboratory
- Setting up neurosciences & allied sciences cadaveric laboratory with facilities for training & practice.
- Establishment of Innovation centre & gallery for design & 3 D printing.
- Setting up of a new emergency medicine department with qualified & experienced dedicated staff along with multidisciplinary team for emergency/trauma care.
- Neurosciences centre with state of art advanced equipment (intraoperative CT, Neuronavigation & robotics etc.) & facility for 150 beds.

## Research :

- Collaborative research for providing low cost solutions for anti-natal, post-partum, maternal & child health.
- Establishing a comprehensive research protocol for addressing environmental concerns & occupational hazards for workers exposed to toxic metals in silver Jewellery manufacturing.
- Collaborative research project in oral & breast cancer at identified centres of Excellence.
- Undertake **Research programs in Life Style Diseases** in collaboration with disciplines of Alternative Medicine and Traditional Medicine (AYUSH) under interdisciplinary research.
- To increase interactions with Biotech, Pharma and Food industries for collaborative research activities.
- To offer services of Immunochemistry, tumor markers & genetic cancer profiling for health practitioners.

## Services :

- Augmenting Cadaveric & Liver donor organ transplant  
Organ Transplant (Liver & Kidney) in collaboration with Apollo Hospital, Mumbai
- Digitalization of health records  
Digital records that are compiled & made accessible to patients & health care providers.
- Establishing “Water & waste water Analysis Laboratory” & offer services to Municipal Corporations and rural communities.
- To offer services of Immunohistochemistry, tumor makers & genetic cancer profiling for health professionals.
- Patient Outreach program for Pain & Palliative care  
The main aim is to provide care & comfort to cancer patients in advance stages at his doorstep. MOU with Care India Medical Society, Pune to establish a satellite centre at Karad.

## Others:

### Grooming Institutional leaders

- Institutional leaders to be groomed for creating a fair, merit based, ethical, moral & non-corrupt system based on principles of social equity.
- New framework for human resource management
  - i. Standardized fair process for recruitment promotion & compensation
  - ii. Evaluation based on contribution to research, performance & capabilities.
  - iii. Peer & supervisory feedback.
  - iv. Submission of Annual self-assessment report.

## Plan for Academic Year 2022-2023

### Academics:

#### New Courses

<b>Undergraduate:</b>	BAMS
<b>Postgraduate:</b>	M.D. in Pulmonary Medicine M.D. in Emergency Medicine M.D. Forensic Medicine & Toxicology M. Pharm in Clinical Pharmacy
<b>Ph.D. / Mch/ DM :</b>	M.Ch. Onco-surgery DM Oncology

#### **Teaching - learning programs:**

- Strengthen
- Establish
- Interprofessional
- Creating 'Center Of Excellence' in field of Physiotherapy in following thrust areas
  - Brain and spine Physiotherapy care center
  - Degenerative bone and spine care center
- Certificate course in Clinical Photography

#### Infrastructure :

- Establishing a 2<sup>nd</sup> KIMSDU campus
- Establishment of dedicated super speciality hospital

#### Research :

- To undertake **community Cohort research project** in the rural community to understand local health hazards and health risks to facilitate development of interventions
- To engage faculties (Medicine, Dental, Nursing, Physiotherapy, Pharmacy and Allied Sciences) of the university to undertake **Interdisciplinary research projects** in communicable and non-communicable diseases.
- To identify important medicinal plants used in Ayurveda or traditional medicines and undertake **Reverse pharmacology projects** in animal studies.
- To plan and undertake **Molecular studies on breast cancer tumor tissues** of Krishna Breast Tumor bank.
- To start industrial research projects.
- To establish the SOP for new prototype of patented products and their validation.
- To promote the Research activities with International Institution with whom MoU is signed.
- To establish the CRIC Centre in the campus of Pune university in the campus of research park foundation.

- Developmental profile of IPR activities with special emphasis on development of prototype of patented product.
- Enrichment of JBIC by exhibiting Innovation and Invention of Students and Faculty.
- Incubation and Start up activities to be accelerated with demonstrative mode.
- Revenue generation through IPR activities by way of Technology transfer and start ups.
- Establishment of CRIC at Research park foundation in the campus of Savitri Bai Fule Pune University, Pune under the collaboration to accelerate the Start up activities.

**Services :**

- To set up multi disciplinary rehabilitation involving Medical, Physiotherapy, Nursing and Ayurveda.

## Plan for Academic Year 2023-2024

### Academics:

- New Courses

**Super Speciality :** DM Critical Care

**Postgraduate:** MD Transfusion Medicine

MD Geriatric Medicine.

Undergraduate and post graduate courses in Social Sciences & Humanities.

Short term enrichment courses in Quality control in Biotech industry

- Creating 'Center Of Excellence' in field of Physiotherapy in following thrust areas
  - Cardiac fitness Physiotherapy center
  - Geriatric wellness center.
- Establish ICT enabled Psychogym Room.
- Undergraduate and post graduate Courses in Sociology, Political Science

### Infrastructure:

- State of the art auditorium with ICT and AV facilities for conduction of CDE programs.
- Updation of Biotechnology laboratory.
- To set up a world class Neuro rehabilitation centre.
- To upgrade the orthotics & Prosthetics lab with advanced workshop.

### Research :

- To develop **Industry partnership** for measurement, monitoring and intervention of heavy metal exposure
- Attract more **imminent & expert international faculty** for academic and research activities and for conducting workshops & training sessions in new health care technologies.
- Establish & **strengthen collaborations with Universities/Institutes of repute** and foreign agencies.
- To conduct collaborative research with Mental Health & Neurosciences centers.
- Starting of Journal of Nursing Sciences.
- Setting up of separate Microbiology research laboratory.
- To start the incubation and technology transfer activities for translational research from CRIC center which is establish in the campus of Savitribai Phule, Pune University, Pune.

### Services :

- Procurement of state of the art mobile Dental Van for catering the needs of the underserved and rural people of Satara District.

## Plan for Academic Year 2024-2025

### Academics:

- To start Undergraduate and postgraduate programs in Fine Arts & Performing Arts.
- To start self supportive short term enrichment courses- Quality control in Pharma industry.
- Staff and student exchange program with globally competent universities in India and abroad.
- Undergraduate and post graduate courses in Liberal/Fine/Performing arts.
- ~~Certificate course in Medical Tourism.~~
- Establish Rajyog Thought Innovative Lab.
  - Interactive sessions, positive thinking workshops
  - Foundation course in Rajyog Mediation
  - Stress management and right thinking
  - Education and human values

### Infrastructure:

- Up- gradation of all teaching and learning facilities including demonstration halls and lecture halls.
- To develop infrastructure for starting the Rural Physiotherapy Centers.
- Addition of Basic infrastructure for wisdom Hall and counselling zone.

### Research :

- To increase **experimental research in basic sciences** of medical, Dental & nursing faculties.
- **Research in upcoming fields** of Medicine, Dentistry, Nursing and Physiotherapy.
- To develop **linkages with foreign institutions** for research and best practices to be adopted in tropical medicine.
- To increase **Industry Academia collaboration.**
- To start separate Research Journal in Physiotherapy faculty.
- To achieve revenue generation from IPR activities to make IPR Cell sustainable partially.

### Services :

- Establishment of various Rural Physiotherapy Centers.

• **Part II :- Next 5 years – Academic Year 2025 to Academic Year 2030**

1	<b>Faculty of Medical Sciences</b>
	<p><b><u>Academic :</u></b></p> <ul style="list-style-type: none"> <li>• Starting DM (Neurology)</li> <li>• Post Doctoral Fellowship in Neuro-radiology in 2025-2026</li> <li>• MD (Laboratory Medicine)</li> <li>• To start courses in Hematology &amp; Oncology</li> <li>• Toxicology Garden</li> <li>• To start Fellowship in SICS/Phaco Emulsification</li> <li>• To start Bachelor Course in Public Health</li> </ul> <p><b><u>Infrastructure :</u></b></p> <ul style="list-style-type: none"> <li>• Up-gradation of Neurosciences Department</li> <li>• Centre of excellence to be enriched</li> </ul> <p><b><u>Research :</u></b></p> <ul style="list-style-type: none"> <li>• To enhance clinical trial facility</li> <li>• Establishment of Molecular Study programme in Anatomy</li> <li>• Establishment of Metabolic Lab</li> </ul> <p><b><u>Services :</u></b></p> <ul style="list-style-type: none"> <li>• Establishment of Sexual Offences Counseling Center/Unit with help of NGOs</li> <li>• Adoption of more villages in Satara District</li> <li>• To start Public Health Research Centre</li> </ul>
2	<b>Faculty of Dental Sciences</b>
	<p><b><u>Academics :</u></b></p> <ul style="list-style-type: none"> <li>• To start Fellowship Course in lingual orthodontics.</li> <li>• To start Diploma course in advanced dental implantology.</li> </ul> <p><b><u>Infrastructure :</u></b></p> <ul style="list-style-type: none"> <li>• Develop satellite dental OPD/Clinics.</li> <li>• Auditorium facility equipped to conduct CDE/workshops/conferences in field of dentistry.</li> <li>• To start cafeteria within the dental hospital, catering basic facilities to patients and doctors.</li> <li>• To start Pharmacy in dental hospital premise.</li> </ul> <p><b><u>Services :</u></b></p> <ul style="list-style-type: none"> <li>• Dental tourism</li> </ul>



3	<b>Faculty of Physiotherapy</b>
	<p><b>Academics :</b></p> <p>New academic programs under the auspices of rehabilitation sciences like</p> <ul style="list-style-type: none"> <li>• Bachelor of occupational therapy (BOTH)</li> <li>• Bachelor of prosthetics and orthotics (BPO)</li> <li>• Bachelor of audiology and speech language pathology (BASLP)</li> </ul> <p><b>Infrastructure :</b></p> <ul style="list-style-type: none"> <li>• Expansion of the physiotherapy college building to augment the newly started above mentioned rehabilitation sciences program.</li> </ul> <p><b>Research:</b></p> <ul style="list-style-type: none"> <li>• To collaborate with the state government and central government research funding agencies especially with the DST after starting of all the rehabilitation sciences programs.</li> </ul> <p><b>Services:</b></p> <ul style="list-style-type: none"> <li>• To start a full-fledged In-Patient rehabilitation services under the university.</li> </ul>
4	<b>Faculty of Nursing Sciences</b>
	<p><b>Academics:</b></p> <ul style="list-style-type: none"> <li>• To Start Doctorate in Nurse Practitioner (DNP) in Collaboration with Indian Nursing Council &amp; University of Huston</li> </ul> <p><b>Infrastructure:</b></p> <ul style="list-style-type: none"> <li>• Enhancement of Skill Laboratory</li> </ul> <p><b>Research :</b></p> <ul style="list-style-type: none"> <li>• To start Postgraduate diploma in Clinical Nursing Research</li> <li>• Establish separate Nursing Research Department</li> <li>• To establish institutional ethics Board</li> <li>• To start PhD-Nursing Programme by Course</li> <li>• Collaboration with world health organization &amp; ICMR for extramural funding.</li> </ul>

5	<b>Faculty of Pharmacy</b>
	<p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• Establishment of patient counseling center</li> <li>• Establishment of Drug Information Center.</li> <li>• Establishment of Computer aided Drug Design lab.</li> </ul> <p><b>Infrastructure :</b></p> <ul style="list-style-type: none"> <li>• Setup of Plant tissue culture laboratory.</li> <li>• Setup of Pilot plant, Scale-up lab for Powdered herbal formulations.</li> <li>• Establishment of lab for drug synthesis and analysis.</li> </ul> <p><b>Research:</b></p> <ul style="list-style-type: none"> <li>• Collaborative research with reputed research organizations and with Pharmaceutical Industries.</li> <li>• Conducting an international conference on Nano-technology</li> </ul> <p><b>Services:</b></p> <ul style="list-style-type: none"> <li>• Medication History review of patients.</li> </ul>
6	<b>Faculty of Allied Sciences</b>
	<p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• To Start 5 years integrated multidisciplinary, 10 Semester, M. Sc. Course in Nanoscience and Nanotechnology.</li> <li>• To start an Enrichment courses on: "Microbial Culture Collection, Preservation maintenance.</li> <li>• To start a Enrichment courses on: "Geomicrobiology and it's applications in Bioleaching of heavy Metals"</li> </ul> <p><b>Infrastructure :</b></p> <ul style="list-style-type: none"> <li>• To set up a state of the Art Laboratory for Nanoscience and technology</li> <li>• To subscribe journals relevant to nanoscience.</li> </ul> <p><b>Research :</b></p> <ul style="list-style-type: none"> <li>• To undertake Research projects related with the application of nanoscience technology in medicine services</li> </ul> <p><b>Services :</b></p> <ul style="list-style-type: none"> <li>• To organize Lectures/ Talks/ Seminars on Microbiology and Biotechnology to increase the Microbiology and Biotechnology literacy in society particularly in rural area.</li> </ul>

7	<b>Faculty of Ayurveda</b> <b>Academics :</b> <ul style="list-style-type: none"> <li>• PG in Ayurveda</li> <li>• PhD in Ayurveda</li> </ul>
8	<b>Faculty of Arts</b> <b>Academics :</b> <ul style="list-style-type: none"> <li>• Undergraduate and post graduate courses in Social Work, Psychology</li> <li>• Undergraduate and post graduate courses in Languages</li> <li>• PhD in Sociology, Political Science</li> </ul>
9	<b>Faculty of Science</b> <b>Academics :</b> <ul style="list-style-type: none"> <li>• BSc in Botany, Zoology</li> <li>• BSc in Chemistry, Physics</li> <li>• MSc in Botany, Zoology</li> </ul>
10	<b>Faculty of Management</b> <b>Academics :</b> <ul style="list-style-type: none"> <li>• MBA in Hospital Administration, Finance, HR and other branches as per need</li> </ul>
11	<b>Faculty of Commerce</b> <b>Academics :</b> <ul style="list-style-type: none"> <li>• Undergraduate and post graduate courses in Commerce, Accountancy &amp; Finance</li> </ul>
12	<b>Other Programs</b> <b>Academics :</b> <ul style="list-style-type: none"> <li>• Certificate course on Gender Sensitization</li> <li>• PG Diploma in Hospitality</li> <li>• Course on Neuro-linguistic Programming</li> </ul>
13	<b>Other Plans</b> <ul style="list-style-type: none"> <li>• To Establish Centre for Nutritional Studies</li> <li>• To Establish Centre for Environmental Studies</li> </ul>

• **Part III :- Next 5 years – Academic Year 2030 to Academic Year 2035**

<b>1</b>	<b>Faculty of Medical Sciences</b>
	<p><b>Academic :</b></p> <ul style="list-style-type: none"> <li>• To start New Courses Mycology, Cosmetology and Contact dermatitis</li> <li>• To start M.Sc. in Epidemic management</li> <li>• Development of clinical Pharmacology and DM (Clinical Pharmacology Course)</li> <li>• To start Fellowship in Oncopathology, Oncohematology with IHC makers and flow cytometry and cytogenetics facilities made available.</li> <li>• To start Fellowship in high risk obstetrics and to develop dedicated obstetric ICU</li> <li>• To start M.Sc. Embryology, fellowship and Robotic surgery</li> </ul> <p><b>Service :</b></p> <ul style="list-style-type: none"> <li>• Develop infrastructure for heart transplantation</li> <li>• Aortic and vascular surgery full fledged</li> <li>• Establishment of 'State of the Art' hip and Knee replacement centre with navigation and robotic facilities</li> <li>• Establishment of Trauma centre</li> <li>• Development of Public Health Laboratory</li> <li>• Setting up Toxicology Laboratory for rapid identification of common poisons</li> <li>• Upgradation of Mycology section and antifungal sensitivity test</li> <li>• Upgradation Myco-bacteriology lab by using Rapid culture methods and drug sensitivity for anti-tuberculosis drugs by Line probe Assay</li> </ul>
<b>2</b>	<b>Faculty of Dental Sciences</b>
	<p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• Staff and student exchange programme with globally competent universities.</li> </ul> <p><b>Infrastructure :</b></p> <ul style="list-style-type: none"> <li>• Establishment of simulation lab for Dental student training.</li> <li>• Setting up of Advanced CAD-CAM (Computer assisted designing computer Assisted Milling) Lab.</li> <li>• NABH accreditation for dental hospital</li> </ul> <p><b>Services :</b></p> <ul style="list-style-type: none"> <li>• Rural dental care through satellite dental center.</li> </ul>

3	<b>Faculty of Physiotherapy</b>
	<p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• Off campus Physiotherapy College in India or aboard.</li> <li>• Fellowship programme in <ul style="list-style-type: none"> <li>- Neuro Rehabilitation,</li> <li>- Orthopedics Rehabilitation</li> <li>- Cardiopulmonary Rehabilitation</li> </ul> </li> <li>• Starting of new PG Courses in the following speciality <ul style="list-style-type: none"> <li>- MPT in Geriatric Physiotherapy</li> <li>- MPT in Industrial Physiotherapy</li> </ul> </li> </ul> <p><b>Infrastructure :</b></p> <ul style="list-style-type: none"> <li>• Expansion of the physiotherapy college building to augment the newly started above mentioned rehabilitation sciences program.</li> </ul> <p><b>Services :</b></p> <ul style="list-style-type: none"> <li>• To develop training centre that sport Physiotherapy and sports medicine</li> </ul>
4	<b>Faculty of Nursing Sciences</b>
	<p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• To start Postgraduate Diploma in Neurological Nursing.</li> <li>• To start Postgraduate Diploma in Emergency Nursing.</li> <li>• Fellowships in <ul style="list-style-type: none"> <li>✓ Evidence Based Nursing</li> <li>✓ Chemotherapy in Nursing.</li> <li>✓ Palliative care in Nursing</li> <li>✓ Geriatric Nursing</li> </ul> </li> <li>• Establish Nurse Practitioners Critical Care Department (NPCCD)</li> <li>• Ad-hoc Board of Studies in Nurse Practitioner and Critical Care Nursing.</li> <li>• To start Maharashtra Chapter for Medical Surgical Nurses</li> <li>• Establish OSCE/OSPE training centre.</li> </ul> <p><b>Infrastructure :</b></p> <ul style="list-style-type: none"> <li>• Digital Library</li> <li>• Database CINHALL Cumulative Index of Nursing and Allied Health Sciences.</li> <li>• Establish IT centre with cyber security</li> <li>• Establish Data Science Department.</li> </ul>

	<p><b>Research :</b></p> <ul style="list-style-type: none"> <li>• Centre for nursing research excellence.</li> <li>• Establish alumnus department for training of alumni.</li> <li>• Starting Research Scholarship.</li> <li>• Conducting joint nursing research with alumni guest lectures.</li> <li>• Nurses Radio / T.V. Channel.</li> <li>• Gold Medal for alumni for professional contribution.</li> <li>• Endowments, Guest lectures, Publications, Authoring Books.</li> </ul>
5	<b>Faculty of Pharmacy</b>
	<p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• Creating “Centre of Excellence” in the field of Pharmaceutics in following thrust areas.</li> <li>i) Targeted Drug Delivery system.</li> <li>ii) Trans mucosal Drug Delivery system.</li> </ul> <p><b>Infrastructure :</b></p> <ul style="list-style-type: none"> <li>• Up gradation of Infrastructure required for setting up of the proposed centre of excellence.</li> <li>• Setting up of “Drug testing laboratory” for analysis and testing of various dosage forms.</li> </ul> <p><b>Services :</b></p> <ul style="list-style-type: none"> <li>• Awareness programme for students and patient related to Drug abuse, Life style related disorders and epidemic diseases.</li> </ul> <p><b>Research :</b></p> <ul style="list-style-type: none"> <li>• Establishment of “Incubation Centre” of Faculty of Pharmacy</li> <li>• Student Exchange Programmes with International Universities of Repute.</li> </ul>
6	<b>Faculty of Allied Sciences</b>
	<p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• To Start M. Sc. Course in Bioinformatics.</li> <li>• To start an Enrichment courses on: “Microbial Enrichment Culture Techniques”.</li> </ul> <p><b>Infrastructure :</b></p> <ul style="list-style-type: none"> <li>• To set up a separate new Computer and Bioinformatics Laboratory</li> <li>• To subscribe journals relevant to the Bioinformatics topics.</li> </ul>

	<p><b>Research :</b></p> <ul style="list-style-type: none"> <li>• To start research project involving Bioinformatics tools and techniques</li> </ul> <p><b>Services :</b></p> <ul style="list-style-type: none"> <li>• To organize, Talks/ Seminars programmes in rural areas on the importance of use of '<b>Biofertilizers</b>' in place of chemical fertilizers for their agricultural practices.</li> <li>• To organize, Public talk/ Seminar in the Urban areas on importance of use of '<b>Organic Food</b>' and Probiotics'</li> </ul>
<b>7</b>	<p><b>Faculty of Arts</b></p> <p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• PhD in Languages</li> </ul>
<b>8</b>	<p><b>Faculty of Science</b></p> <p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• MSc in Chemistry, Physics</li> <li>• PhD in Botany, Zoology</li> <li>• PhD in Chemistry, Physics</li> </ul>
<b>9</b>	<p><b>Faculty of Commerce</b></p> <p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• Undergraduate and post graduate courses in Corporate Secretary, Statistics,</li> <li>• PhD in Commerce subjects</li> </ul>
<b>10</b>	<p><b>Other Programs</b></p> <p><b>Academics :</b></p> <ul style="list-style-type: none"> <li>• PG Diploma in Yoga &amp; Naturopathy</li> <li>• Diploma in Digital Marketing</li> </ul>
<b>11</b>	<p><b>Other Plans</b></p> <ul style="list-style-type: none"> <li>• To Establish Centre for Professional and Personnel Development</li> </ul>

**Other Plans of the University over a period of 15 years**  
**(Academic Year 2020-2021 to Academic Year 2034-2035)**

**1. The University also has plans to add to its portfolio of faculties as depicted below**

<b>1.</b>	<b>Faculty of Ayush</b>
<b>2.</b>	<b>Faculty of Homeopathy</b>

**2. Endowments, Scholarships and Prizes for Meritorious Indian & Foreign Students : -**

- **Creating Endowments for Indian & Foreign Students : Additional Endowments would be created for meritorious Indian & Foreign Students.**
- **Scholarships and Prizes for Meritorious Indian & Foreign Students : Additional Scholarships and Prizes would be created for meritorious Indian & Foreign Students.**

**3. Alumni Engagement :**

- **Establish Alumni Advisory Committee for development of University.**
- **Augment Engagement : -**
  1. Academics
  2. Research
  3. Organizing & Involvement in Conferences, CME & Guest Lectures
- **Creating Endowments from alumni funding.**
- **Arranging International Get Together of International Alumni Aboard : Felicitation of International Alumni.**
- **Increase Alumni Contribution**

**4. Additional plans as per National Education Plan :**

- **To start courses in humanities, languages, Sciences, Social Sciences, vocational fields & soft skills.**
- **To establish department of languages/ literature**
- **To establish department of statistics**
- **To establish department of modern arts (Music)**
- **Online assessment and examinations**



## 5. Strategic Plan for Research

The University proposes following four initiatives for implementation in the next fifteen years

- a) Institutionalization of Bio-Medical Research
- b) To Expand the Clinical trial Unit
- c) To Augment Jayawant Incubation Centre
- d) To Enhance Research funding by Revenue generation from Extra mural grant from various gov., Non govt sources and CSR grant, Revenue to be generated from IPR activities to run Research and IPR self-sustainable up to sizeable amount.

### a. Institutionalization of Bio-Medical Research :

(Establishment of Regional training centre for Medical teachers)

Research is an integral part of the academics at the higher educational Institutes. While conduct of research is mandatory for doctoral degree course and for the postgraduate degree course for the Medical and Paramedical faculties, it is also advised to inculcate research interest among the undergraduate students. It is important that the new researchers be appropriately trained in 'Research Methods' to ensure that quality research is undertaken at the university.

Apart from the National Institute of Epidemiology (ICMR), Chennai, which has made an online course available for this purpose, there are not many avenues available for the researchers to obtain such training. It is therefore felt essential that such facility be created for the medical teachers at this university. Medical education technology training is also an inherent part of the Medical education and the teachers are expected to complete both, basic and advance training as well.

Thus, it is proposed that a full-fledged training centre to be established for training of Medical teachers. One / two level training under the two major areas namely 1. Research Methods and 2. Medical teaching-learning technology. Initially, the training will be made available for the in-house faculty with the aim of ensuring 100% faculty to be trained in phases in the first five years. The facility will be made open to the faculties from the adjoining Medical colleges by the end of two years by which time the procedure will have been streamlined. In the next five years, Medical faculties in the state will also be entertained.

**b. To establish the department of clinical trials :**

There has been ever increasing demand for clinical trial facility. There is usually an urgency to pass the new drug/ new vaccine through clinical trials as soon as possible. Trial participants' safety being of paramount importance and therefore to observe stringent regulatory requirements, the satisfactory implementation of clinical trials is possible only if a permanent set up with adequate and appropriately trained staff exists.

Undertaking clinical trials at the academic institutes is beneficial in many ways. It provides opportunity to develop collaborations with national and international institutes of repute. It significantly helps to generate extramural funds. It also helps the institute and its faculty to remain engaged in the current and important Bio-medical topics. Recent COVID pandemic has highlighted the need for large number of clinical trial facility.

It is being planned to expand the present clinical trial unit and convert it in to a permanent department of the university. The department will have an adequate staff under different streams such as for implementation of the trials, for ensuing regulatory requirement and for data management of the trial. It is envisioned that by the end of every five years, the department would be implementing 15, 25, 40 clinical trials at any point of time.

**c. To augment Jayawant Incubation Centre :**

In the fond memory of the late Shri Jayawantrao Bhosale, the founder member of the Medical Institute, the University has recently established an incubation centre in his name. Though, this centre has started supporting the incubation of innovative ideas coming from students and the faculty, is still in its infancy. In the next 10-15 years, it is planned to expand this unit to a regional incubation centre, which will cater to the need of the researchers/ innovators in the state of Maharashtra and the adjoining state of Karnataka. It will provide state-of-art infrastructure for collaboration with the pharmaceutical and medical devices manufacturing industries to propagate newer ideas, to incubate and to initiate start-ups, which, will lead to discovery of newer

Medical drugs and devices. The centre will facilitate academia-industry collaboration and will help transformation of young students in to young entrepreneurs.

In line with the 'start up India' initiative of the Government of India, the university envisions to create a facility to promote entrepreneurship and business opportunities to the staff and students of the health care and allied disciplines.

**d. To enhance extramural research funding :**

The university appreciates the importance of research funding to ensure quality research and provides substantial financial support to almost all the research carried out by the students and staff. However, the importance of receiving extramural funds cannot be undermined. Apart from the peace of mind that the researcher gets on approval of extramural funds, it ensures the timely implementation and more importantly indirectly certifies the quality of the work.

The university was recently recognized and certified as a research organization by the CSIR and thus the opportunity to apply for research funds from the Governmental donor organization has become available. It is an art to present the research proposal in the format, which will be appealing to the reviewers. It is therefore planned to develop a team of trained investigators who would help the researchers to prepare their project proposal in the format, which increase the possibility of its approval. Additionally, team will advise on which donor agency to approach. Thus, it is aimed at attaining the ratio of intramural to extramural funding to 20:80 in the next 5-10 years.

**6. Collaborations/ MOU with Foreign Universities :**

Planned	Area of Collaboration
Ajman University's College of Dentistry	<ul style="list-style-type: none"> <li>a. Exchange of academic staff and students</li> <li>b. Conducting collaborative research projects on Oral Implantology</li> <li>c. Conducting lectures and training students on Oral Implantology</li> <li>d. Exchange of academic information and materials pertaining to Oral Implantology</li> <li>e. Promoting collaboration in fields of mutual interest</li> <li>f. Promoting other academic cooperation as mutually agreed</li> </ul>

City of London Dental School	The parties undertake to promote and develop academic cooperation through, but not restricted to, academic exchanges of students and faculty, scientific research, dual degree programs, scholar visits, short-term study tours, cultural exchange, exchange of academic materials, publications, and other scientific information, professional internships, and technical cooperation.
MERCK FOUNDATION	<p>a. To explore possibility of collaboration in the field of research related to oncology, women health and child health. It was clearly highlighted that KIMSDU has adequate facilities for oncology &amp; Child health, women health research i.e. clinical material as well as diagnostic/research facilities, hence joint collaborations can be carried out.</p> <p>b. Initially <b>fellowships</b> in oncology can be initiated keeping in mind the eligibility and equivalence terms or a alternative for this would be <b>observer</b> ship for UG/PG students for a specific period.</p>
NextGenU.org, Washington	The Parties shall collaborate in order to increase the access and availability of free or low-cost, online-based, health sciences courses, up to and including a full degree, for would-be learners in India and globally. The Parties agree on the below general points that constitute the components of their collaboration.
Sao Leopoldo Mandic, Brazil	Both universities undertake to promote and develop academic cooperation through, but not restricted to, academic exchanges of students and faculty, scientific research, dual degree programs, scholar visits, short-term study tours, cultural exchange, exchange of academic materials, publications, and other scientific information, professional internships, and technical cooperation.
Kaohsiung Medical University, Taiwan	The collaboration concerns all common fields of both universities. Based on the principles of mutual benefits and

	<p>respect, both KMU and KIMSDU hereby agree to promote, subject to the governing laws, academic collaboration in areas of mutual interests and scholarly exchange between the two universities, including but not limited to the following programs or activities:</p> <ol style="list-style-type: none"> <li>1) Exchange of faculty, researchers, and administrative staff</li> <li>2) Development of student exchange programs</li> <li>3) Exchange of information and materials in fields which are of interest to both universities</li> <li>4) Implementation of collaborative research projects, lectures and symposia</li> <li>5) Exchange of academic information and materials</li> </ol>
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**7. Infrastructure augmentation plan along with financial implications.**

<b>New Infrastructure</b>	<b>Approximate Expenditure</b>
<b>Development of 2<sup>nd</sup> Campus :</b>	<b>1500 Crore</b>



**REGISTRAR**  
 Krishna Institute of Medical Sciences  
 "Deemed To Be University", Karad