

LAKSHYA 2040



KLE AYURWORLD



COVER PAGE DESIGN

The cover design depicts the intuitions of likeminded health professionals working at KLE Ayurworld. It visualizes the influence of five elements of existence, The Panchamahabhutas, being efficiently moulded by the influence of thoughts. These thoughts, when logically implemented can emerge with a brighter future for the institution, bringing a harmonious domain of Ayurveda.



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LAKSHYA 2040 VISION 2040



KLE AYURWORLD

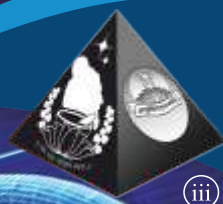
TRADITION || TECHNOLOGY
I N N O V A T I O N



PREAMBLE

KLE Shri B M Kankanawadi Ayurveda Mahavidyalaya has nearly a century long legacy. This centre is serving humanity through quality health services and education in Ayurveda. KLE AYURWORLD stands tall with bypassing through many ups and downs since its inception in 1933. There are several strong milestones left behind in this marathon of 87 years. There are two major remarkable turning points which are worth mentioning. First one is the institute being imbibed in KLE Society in 1990 and the other being a part of KLE University in 2009'. New era and new dimensions of progress began within Deemed status. As a part of quality initiatives, KLE AYURWORLD brought out 'VISION-2020' in 2010 and also started well-structured preplanning through INSTITUTIONAL YEARLY CALENDAR. Yearly calendar was set as per the 'YEARLY THEMES'. This activity helped in setting focussed goals which in turn lead in accomplishing many tasks.

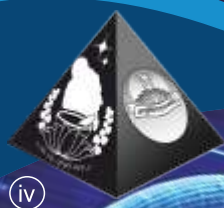
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THE FOLLOWING ARE THE YEARLY THEMES :

YEAR	COLLEGE	HOSPITAL	PHARMACY
2010	Teaching Reforms	-	-
2011	Research collaboration	Development of SOPs	-
2012	Development of SOPs for Practicals	NABH Accreditation	-
2013	Faculty Development	Clinical documentation & Evidence based practices	Implementation of Grahya Lakshana for raw materials
2014	Skill Development	Development of standard treatment protocols	Development of SOPs
2015	Quality Teaching	Setting benchmarks for Health Care Services	Skill Development
2016	Implementation of Teaching Modules	Development of Integrated Treatment Protocols	Skill Development
2017	Implementation of Teaching Modules	Development of Integrated Treatment Protocols	Skill Development
2018	Translational Research	Development of Integrated Treatment Protocols	Research Development
2019	ICT Enable Teaching	Continual Quality Improvement"	Product Promotion
2020	Edutainment (Learn with fun)	Holistic Approach	Modification of Dosage Forms

After a decade of intense hard work, we proudly stand atop in Ayurveda Education and Health care. We have achieved more than 90% of goals projected in VISION-2020. Pre-planned mandate in terms of college calendar and focused yearly themes navigated us in right direction in achieving our goals.



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Having experienced defining path and working on pre-defined path, now we are entering into the next decade with confidence and with newer objectives and goals. Thus 'LAKSHYA (VISION) – 2040' has been conceptualised, designed and developed. It took more than two years for us to bring this document to this shape. Assessing present trend of growth and estimating growth and trends after two decades is not easy task for departments. Technological Advancements, Integrative Medicine, Futuristic Medical Education Technology, Evidence Based Medicine and activities to suit our institutional theme 'TRADITION-TECHNOLOGY-INNOVATION' are the prime concern. Administrative heads of various departments and other units were oriented on method of planning and series of meetings were conducted to identify key issues to finalise and to chalk out action plan including timelines. The speciality is, along with micro planning and timelines we could able to specify the responsible person for each task, so that everyone knows their job.

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KLE SOCIETY



Founders



Rao Bahadur R. C. Artal
I.S.O.



Sardar V. G. Nalk Bahadur Desai
Chachadi



Rao Bahadur V. A. Anigol

Saptarishis



Prof. M. R. Sakhare
M.A. T.D. (Lond)



Prof. S. S. Basavansi
M.A.



Shri. H. F. Kattimani
B.A.



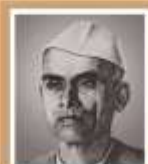
Shri. B. B. Mamadapur
B.A.



Shri. B. S. Hanchinal
B.A., B.T.



Shri. P. R. Chikodi
B.A.



Sardar V. V. Patil
B.Ag.

PRABHAKAR B. KORE

EX-MEMBER OF PARLIMAENT
(RAJYA SABHA)

CHAIRMAN
KLE Society, Belagavi

CHANCELLOR

KLE Academy of Higher Education and Research, Belagavi
KLE Technological University, Hubballi
Karnataka State, India.



CHANCELLOR'S MESSAGE

Accomplishment of goals not only serves as a source of fulfillment but paves the way for greater purpose. One milestone leads to another. Relentless effort on part of the institution is heartening to witness since it impacts society at large.

While it gives me great pleasure to note the accomplishment of Vision 2020 of KLE Ayurworld, what is even more satisfying is the concept of Lakshya- 2040. Onwards and upwards is the perfect way to build on the good work of the past.

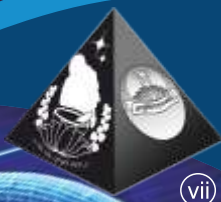
KLE Shri B. M. Kankanawadi Ayurved Mahavidyalaya represents the effort of KLE Society to provide impetus to Indian traditional medicine; a knowledge system based on research, consequent discovery and practice, which has been handed down generations. It is our attempt to integrate this rich knowhow with modern technology and practices.

Lakshya 2040, definitely, sets to tone for what lies ahead and judging by the going thus far, it promises more effective, efficient and affordable healthcare solutions for the masses. Wishing you the very best in your endeavours.



(Prabhakar B. Kore)

KLE AYURWORLD-LAKSHYA 2040





Prof. (Dr.) Vivek A. Saoji

M.S.(Surgery)

VICE-CHANCELLOR

KLE Academy of Higher Education and Research, Belagavi
Karnataka State, India.



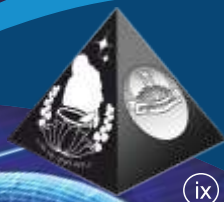
VICE – CHANCELLOR’S MESSAGE

I am happy to note that KLE's Shri. B.M.Kankanwadi Ayurvedic College, Belagavi a constituent unit of KLE Academy of Higher Education and Research (KAHER) is coming up with “LAKSHYA” – Vision 2040 document.

Envisioning, planning for the future, setting up goals and targets, developing strategies for its implementation, aligning the human as well as physical resources towards its implementation are sure and solid steps for progress, growth & success. I am happy that the leadership of the college thoughtso and is bringing up this important document which will serve as a roadmap for not only sustaining but enhancing the quality of education, research & patient care.

Our Ayurveda College is the one of the premier institutes in the country. It is one of the oldest colleges being established in year 1933 & has a great legacy. It is doing yomen services in the field of Indian system of medicine & research for more than 8 decades. However in today's competitive & connected world we cannot survive only on legacy. We have to think ahead of times, be innovative in our approach, align and build on the strength & create

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opportunities in the challenges. I am glad the college is going ahead accordingly.

It is very thoughtful of the Principal of the college & his team to have emphasized on leveraging technology, bring in the culture of research, developing infrastructure & faculty training accordingly. I am sure with these measures the students coming out of this college will be a world class product & we will be able to give the best to our patients. We at University are always supportive of new ideas, out of box thinking for the holistic development of our institutes.

Our Ayurvedic College has taken the right step in coming up with “LAKSHYA”. I am confident they will be able to achieve their LAKSHYA & bring laurels not only to themselves but to our university & the KLE Society.

I wish them the very best.



Dr. Vivek Saoji

Vice – Chancellor in your endeavours



KLE AYURWORLD-LAKSHYA 2040

Prof. (Dr.) V. A. KOTHIWALE
REGISTRAR

KLE Academy of Higher Education and Research, Belagavi
Karnataka State, India.



REGISTRAR'S MESSAGE

It gives me immense pleasure to pen a few lines of greetings and good wishes for the “**Lakshya**”magazing being published by the College.

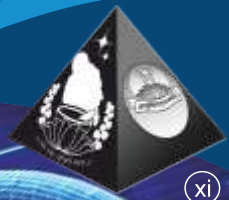
This Vision-2040 document identifies the waylaid chanlleges in the run upto2040, build their aspirations and expectations, both individual and collective.

I am confident that this vision will inspire and prompt our Ayurveda College to draw their agenda and act and this document could be useful for streamlining the future pathways for the institution.

I am sure your college will actively participate in fulfilling this vision.

A handwritten signature in black ink, appearing to read 'Kothiwale'.

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ACKNOWLEDGEMENTS

In the present trend of rapid advancements, it is difficult to forecast two decades ahead and to plan. Administrative heads of departments and various units have exercised tremendously in understanding present growing trends and to predict futuristic global status. I am thankful to all of them for their insightful planning. My special thanks to IQAC coordinator Dr. Rajeshwari V Kamat, Dr. Aziz Arbar, and Mr. Vinayak Inchal. I must acknowledge Dr. Adarsh. T, PG scholar, for designing meaningful and appropriate cover page and artistic presentation of the content.

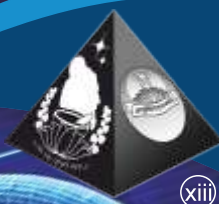
BELAGAVI

31st December 2020

Dr. B. S. Prasad

Principal

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EXECUTIVE SUMMARY

Through the years, Ayurveda is gaining global recognition and is being accepted globally. There is a need to produce ayurveda professionally with global competencies. Unless ayurveda institutes are moulded to global standards, it is not possible to impart global standards in ayurveda professionals. With this idea in background, we have developed the LAKSHYA (VISION)-2040 Document. The key issues considered in preparing this document are:

- Identification of present strengths by reviewing the past achievements
- Present trends in medical fields
- Forecasted future trends
- Futuristic global Medical Trends

We were able to amalgamate all these inputs in developing VISION-2040 document. We considered a 360° approach in planning, and left no stone unturned in identifying the areas of development. The goals are presented under the following establishments-

- KLE BMK Ayurveda Mahavidyalaya
- KLE Ayurveda Hospital & Medical Research Centre
- KLE Ayurveda Pharmacy
- Boys & Girls Hostels
- Women Empowerment Cell

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The projected activities are conveniently grouped as 'Short Term Goals (2021-2025), Mid Term Goals (2026-2030) and Long Term Goals (2031-2040).' The goals include new initiatives like 'Establishment of Clinical Data Analysis Unit, Establishment of Ayur-Informatics Centre, Establishment of Overseas Study Centre, Establishment of Hydroponics unit; Exploration of Classical Principles like Incorporation of Vaadamaarga in PG General Seminar, Implementation of Dinacharya & Ritucharya in hostels, implementation of Vrikshaayurveda Techniques; Development of Technology like Smart Campus, Maanaparibhasaha Software, Desha App, Dhoomapaana Yantra, Image processing for Vrana identification, Technology for Bhasma Pariksha, QR coding of medicinal plants; Upgradation of existing units/facilities like Department of Ayurveda Medical education, Clinical Skill laboratory to extend facilities to all departments; Curricular Reforms like Competency Based Ayurveda Medical Education, development of E-teaching content, Z-A teaching; Establishment of Centre of Excellence 'Sristi-Ayur-fertility centre, Abhaya-Ayur-cancer care, Centre for Integrative Health, Hridya-Ayur-cardiac care; Development of Integrative Medicine – Intra and inter health care systems; starting of post graduate and paramedical courses; Special emphasis given to sanskrit and intended to make Sanskrit speaking campus 'Sanskrit sambhasha KLE AYURLOKA' by 2025. It is also planned to publish all achievements in indexed journals so that the efforts are readily implementable by others.

We are fortunate that the institute will be celebrating 'CENTENERARY CELEBRATIONS' during this projected period i.e., 2033.

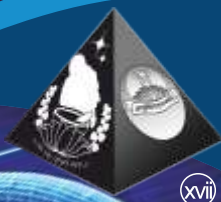


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GOALS AT A GLANCE

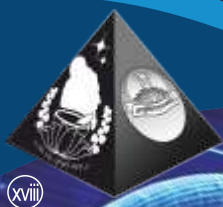
SHORT TERM GOALS (2021-2025)

- Commercialization of AYURTECH products
- Start-up promotion activities
- Development of data capturing software for IQAC
- Incorporation of vaadamarga in PG General seminar
- Starting of PG Courses
- QR coding of medicinal plants
- Establishment of Post bite management center
- Framing of integrated diet protocols
- Publication of Practical manual on “Ayurvedic Local Procedures concerned to SRPT
- Development of Integrated Labor Management protocols
- Establishment of Pediatric Skill station
- Establishment of sperm function tests & CASA
- Establishment of Hydroponic unit & greenhouse
- Promotion of Pharmacy Marketing– Karnataka
- Dinacharya (In Hostels)
- Ensuring literacy in all women employees of institution



MID TERM GOALS (2026-2030)

- Starting of Paramedical courses
- Establishment of Quantitative Estimation of Phytochemicals, Anti-Oxidant studies, Neurobehavioral Animal Models
- Mana Paribhasha Software
- Dhoomapana Yantra
- Image Processing Technology for Vrana Identification.
- Mentoring institutions for NAAC
- Sanskrit Sambhasha KLE Aryurloka
- Desha Assessment App
- Diagnostics for Ayurvedic Parameters
- Holistic intervention in Learning Disabilities and Autism
- Establishment of De-addiction Centre
- Establishment of Gym
- Online marketing of Medicinal plant sampling
- Spine clinic
- Modular kitchen
- ISO Certification of Pharmacy
- Rutucharya in Hostels
- Basic life support training to all women employees

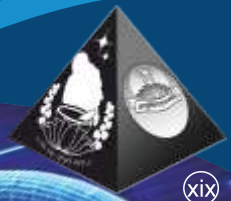


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LONG TERM GOALS (2031-2040)

- Development of Evidence Based Medicine
- Development of E-teaching content for all Subjects
- Syllabus Blueprint for evaluation
- NABL Accreditation
- Centre to promote Entrepreneurship in Ayurveda.
- Rasadravyas into e-museum
- Z-A teaching
- Dincharya and Ritucharya suitable to various geo-climatic zones
- Technology assisted eye exercises
- Medical Tourism
- Ayurvedic assessment parameters for Raktha

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KLE SHRI BM KANKANAWADI AYURVEDA MAHAVIDYALAYA





KLE SHRI BMK AYURVEDA MAHAVIDYALAYA

BMK Ayurveda Mahavidyalaya was established in 1933. It was reborn in 1990 when KLE Society took over. In the year 2009, the institute came under the ambit of KLE University. After coming under the ambit of KLE university, VISION-2020 document was developed. Remarkable achievement in accomplishing the goals of VISION-2020, boosted our enthusiasm to look and think ahead and thus we are bringing out Vision-2040, entitled as “LAKSHYA 2040”.

The document prepared with goals by considering the present strength and future perspectives so that the developments will be sustainable. Efforts are made to visualize the global developments and trends, so that by 2040 institute stands atop at global scenario. KLE AYURWORLD, being Traditional Medical Educational Institute, besides focusing on Teaching, Health Care and Research, considering the need of technological incorporation, sufficient efforts are made for technological advancements in this document.

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THE SMART CAMPUS BY 2040

By 2040, KLE AYURWORLD campus will be fully automated and paperless campus. All services like administration, teaching, research data handling, health care services and student activities will be automated and interlinked.



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DEPARTMENT OF AYURVEDA MEDICAL EDUCATION

Department of Ayurveda Medical Education (DAME) is a wing set up for academic strengthening in Ayurveda Education. KLE BMK Ayurveda Mahavidyalaya is the only AYUSH institution in the country having a specialized department like this. DAME, since its establishment in 2010 has led to several teaching reforms and innovations. These reforms and innovations have made high impact in both UG & PG studies and we noticed overall improvement in inculcating updated knowledge, skill and attitude. Considering this success and future requirement for globalization we propose the following activities to take up for upgrading ourselves to meet the education needs of future.

Upgradation of DAME to state-of-the-art trainers training center to offer training in Ayurveda teaching technology:

Institute has been constantly striving and updating itself to meet the modern-day teaching and learning needs through DAME. All these years from the time of inception many activities like Integrated and Modular teaching, ICT enabled teaching, Edutainment, flipped class rooms etc. have been successfully implemented with high encouraging results. Institute does not believe in keeping these successful techniques restricted only to its campus. And hence has also been involved in training outhouse staffs in the same. To continue the process further we dream high to establish state-of-the-art trainers training center to offer training in Ayurveda teaching technology. To achieve the same, following activities have been planned.



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YEAR OF IMPLEMENTATION-STATE-OF-THE-ART TRAINERS TRAINING																				
ACTIVITY	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Relook & Analysis																				
Re/New design																				
Trainers training																				
Infrastructure Establishment																				
Training programs																				
Impact analysis & nublication																				

Development of Competency Based Ayurveda Medical Education

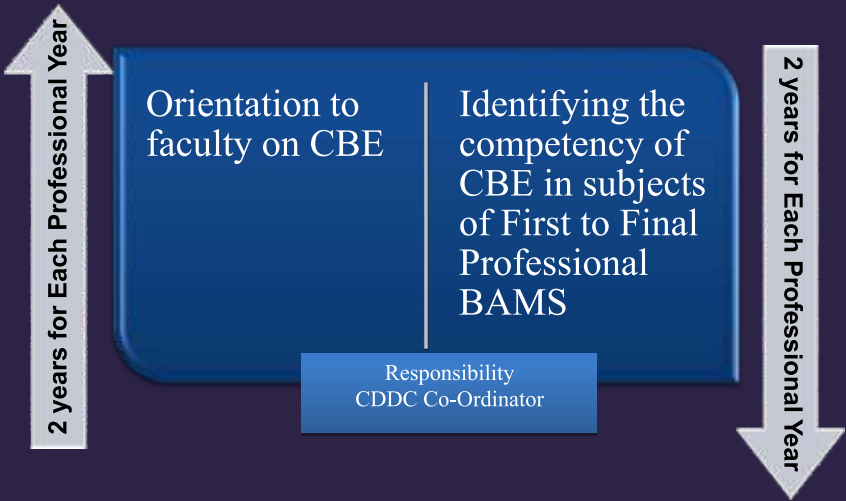
At KLE Ayurworld we have been constantly aligned towards imbibing Competence Based Ayurveda Education. Through Competence based education system we strive to bring in the habitual and judicious use of communication, knowledge, technical skills, clinical reasoning, emotions, values, and reflection in daily practice for the benefit of the individual and the community being served. We have observed that Competency-based education (CBE) is also an approach in producing physicians “fit to practice” rather than students “fit to pass.” The rationale of a CBE at KLE Ayurworld is fundamentally oriented to graduate outcome abilities and organized around competencies derived from an analysis of societal and patient needs to ensure greater accountability towards the society.



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We understand that, the conventional education methods focus on the performance of the learner based on what has been taught, while CBE concentrates on the performance that copes up with the expectations determined by the stakeholders outside of the educational program. The intended output of a competency-based program at our institute are health professionals who can practice medicine at a defined level of proficiency, in accordance with local conditions, to meet local needs. With this idea, we have planned the following for designing the Competency based Ayurveda Medical Education.



8 YEARS

Modifying the Teaching and Assessing methodology as per the identified competency.

Implementation and Feedback

Improvising and reimplementation and observation

Responsibility
CDDC Co-Ordinator

10 years

Introduction of advance teaching technology –Small group teaching, flipped class room, self-guided learning & Teaching beyond walls

Responsibility
TTTC
Co-Ordinator



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ACTIVITY	YEAR OF IMPLEMENTATION OF COMPETENCY-BASED EDUCATION																			
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Orientation																				
Identification																				
Modification																				
Implementation																				
Improvisation																				
Advanced teaching technology																				

1st Prof. BAMS

2nd Prof. BAMS

3rd Prof. BAMS

4th Prof. BAMS

Development of E-Teaching Content

E-teaching and E-Learning have made education easy for everyone without compromising much. E-Learning is effective and powerful tool for creating a flexible teaching-learning environment. E-teaching can make information easy to grasp and absorb. It imparts enhanced ability to learn and implement among the learners. E-content is available in many subjects and almost all levels of education. Electronic content (e-content) which is also known as digital content refers to the content or information delivered over network based electronic devices or that is made available using computer network such as internet. Today there is also a need for Ayurveda educators to develop Ayurveda E-contents so that the age-old science can reach to seekers of Ayurveda education in a friendly environment. To meet this need, the following plan of action is carved.



2 years to each professional BAMS

Planning:
Planning of
sequence and
mode of
developing an
E content

Development
of E-contents

2 years to each professional BAMS

Identification:
Identifying the
areas of
syllabus from
first to final
BAMS that
can be
developed
into
E-contents

4 years

Orientation: Formal training of all faculty members on
methods of developing an E - content

Responsibility:
IT Cell & TTTC Co-Ordinator

10 years

Implementation of
Developed
E-contents into
Teaching programs

5 years

Feedback,
improvisation and
reimplementation

Responsibility:
IT Cell & TTTC Co-Ordinator



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KLE AYURWORLD-LAKSHYA 2040

ACTIVITY	YEAR OF IMPLEMENTATION (Development of E-Teaching content)																			
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Orientation																				
Identification																				
Planning																				
Development																				
Implementation																				
Improvisation & reimplementation																				
<div>1st Prof. BAMS</div> <div>2nd Prof. BAMS</div> <div>3rd Prof. BAMS</div> <div>4th Prof. BAMS</div>																				

Starting of Post-Graduation in Basic Principles, Kriya Shareera, Rachana Shareera, Roganidana, Prasooti Streeroga & Manas Roga

KLE-Ayurworld is a post Graduate Teaching and training institute and is already having PG in 10 specialties namely Rasayana Vajikarna, Kaumarabhritya, Panchakarma, Kayachikitsa, Shalya tantra, Shalakya tantra, Agada tantra, DravyaGuna, Rasashastra and Bhaishajya Kalpana. All the 10 PG specialties are running very successfully with a very well-designed teaching program. The institute now Aims at including Basic principles, Kriya Shareera, Rachana Shareera, Roganaidana, Prasooti Streeroga & Manas Roga in its PG teaching wing.

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2021-25

Preparation of Departments to meet the statutory body requirements to start PG in Basic principles, Kriya Shareera, Rachana Shareera, Roganaidana, Prasooti Streeroga & Manas Roga

Application for commencement of new PG courses

Follow up (PG Co-Ordinator)

Starting of Paramedical Courses

The success of functional specialized centers depends on the completely trained accessory support. This is one of the lacunae in Ayurvedic centers. As a result, we have nursing staff or lab technicians who get their formal training in Modern hospitals and Labs and are not truly suitable in many areas of the functional system. To overcome this lacuna, we propose the Starting of paramedical courses – Ayur Lab Technician, Pharmacist, Ayur-chef. The action plan is follows.

(Responsibility- CDDC Co-Ordinator)



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KLE AYURWORLD-LAKSHYA 2040

3 years

- Curriculum design

2 years

- Approval from the University statutory Body

4 years

- Preparation of Internal resources for teaching and training
- Commencement of the course

Publications on Teaching & Training Innovations of Kle Ayurworld

KLE-Ayurworld has involved in creation and recreation of many innovative ideas, approached and methodologies in teaching and training. The saga has not been revealed much yet to the world. The process of experimenting with these ideas has been truly mesmerizing especially when we look at the end result of these innovations in Ayurvedic teaching methods. Therefore, it has been planned to do publication of these innovations.

2021-22

Enlisting and
Analysis:
Retrospective
enlisting analysis of
all the innovations of
KLE Ayurworld

2022-24

Publication:
Preparation of
Publication material
and discussion.
Publication

Responsibility-
TTTC Co-Ordinator

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Development of Blueprint of Syllabus for Evaluation

KLE Ayurworld is planning to bring out the Blueprint of syllabus for evaluation. This will form a map and a specification for an assessment program which will ensure that all aspects of the curriculum and educational domains are covered by assessment programs over a specified period of time. The plan of action is as follows.

2 years for each
profession

Development of Process Inventory -

Making an inventory
of all the processes
needed to make a
blue print of the Ayurveda
syllabus. Review of the
syllabus by the
subject experts from
1st to final BAMS

8 Years

Drawing the
Blueprint



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2025-35

Creating an Internal Controls and Metrics—creation of tools to increase the effectiveness, efficiency, and adaptability of the process. To overcome human errors

2027-37

Trial Run—To test the efficacy

2029-39

Implementation of the Changes and obseravtion

ACTIVITY	YEAR OF IMPLEMENTATION OF BLUEPRINT DEVELOPMENT																			
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Development of Process Inventory																				
Drawing the Blueprint																				
Creating an Internal Controls and Metrics																				
Trial Run																				
Implementation of the Changes																				

1st Prof. BAMS

2nd Prof. BAMS

3rd Prof. BAMS

4th Prof. BAMS



Clinical Skill Lab

2021-25

- Identifying skills suitable for skill lab training

2022-27

- Creating physical infrastructure
- Acquiring / developing models /simulators

2023-28

- Developing training modules
- Orientation to respective departmental staff

2024-40

- Implementation

2036-40

- Impact analysis and publication



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KLE AYURWORLD-LAKSHYA 2040

CENTRAL RESEARCH FACILITY

Drug Testing Laboratory

YEAR	MILESTONE
2021-2026	<ol style="list-style-type: none"> 1. Establishment of Quantitative Phytochemical Estimations: Alkaloids, Tannins, Flavonoids, Phytosterols, Protein, Sugars, Fiber, Carbohydrates. 2. Establishment of collaborations for Elemental Quantification and Structural studies by ICPMS, XRD, XRF, AAS, Flame photometry Etc.
2026-2030	Establishments of Training Centre – <ul style="list-style-type: none"> • Elemental Analysis • Quality Analysis • Microbial Analysis • Pharmacognosy • Bio – Assay • Immunomodulatory Study Anti-Oxidant Studies
2031-2040	NABL Accreditation

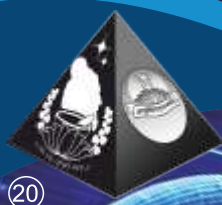
Animal Experimentation Laboratory

YEAR	MILESTONE
2021-2026	<ul style="list-style-type: none"> • Establishing the Neurobehavioral Animal Models • Establishments of Animal Models for Analgesia • Establishments of Isolated Organ Studies • Blood Pressure System - Multi-Channel Tail Cuff
2026-2030	<ul style="list-style-type: none"> • Establishment of Histopathology Section • Development of Histopathology Library
2031-2040	<ul style="list-style-type: none"> • Establishment of Histopathology Section • Development of Histopathology Library



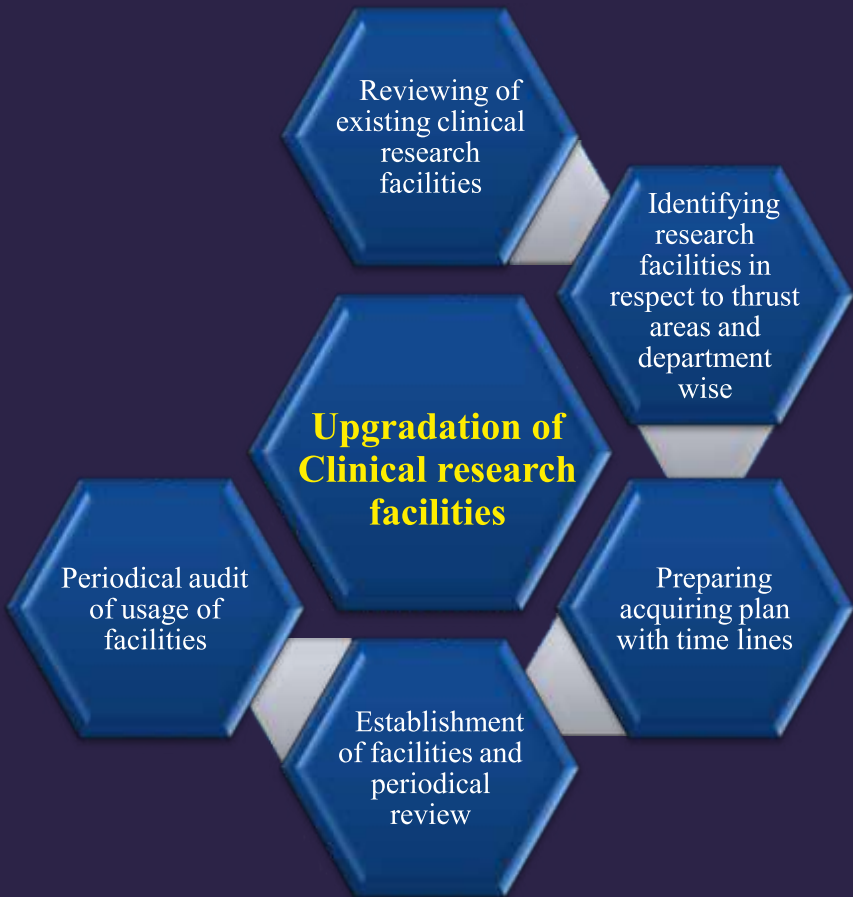
Ayurtech

YEAR	MILESTONE
2021-2026	<ol style="list-style-type: none"> 1. Conducting online course on Ayurtechnology 2. Production & Commercialization and marketing of <ul style="list-style-type: none"> • Vamana instrument • Parisheka instrument • Basti Instrument 3. Patents for products/Processes <ul style="list-style-type: none"> • Instant Basti • Automated Basti Yantra • Nasya Yantra 4. Startup promotion activities
2026-2030	<ol style="list-style-type: none"> 1. Development of Mana Paribhasha Software 2. Development of Dhoomapana Yantra (medicated smoking) and Fumigation Robot 3. Application of Image Processing Technology for Vrana Identification. 4. Technology for BhasmaPariksha
2031-2040	<ol style="list-style-type: none"> 1. To develop state of art facilities at Ayurtech Incubation Centre to promote Entrepreneurship in Ayurveda. <ul style="list-style-type: none"> • Development of blueprint of incubation center in accordance with the objectives of ayurtech • Identifying site, cost estimation and necessary permissions • Construction • Human resource development • Preparation of brochure and dissemination • Collaborations and project submissions • Publication of outcomes



KLE AYURWORLD-LAKSHYA 2040

MEDICAL RESEARCH CENTER



ESTABLISHMENT OF OVERSEAS STUDY CENTER

ACTIVITY	YEAR OF IMPLEMENTATION				
	2021	2022	2023	2024	2025
Developing modules/courses					
Developing teaching content					
Developing human resource					
Online teaching platforms					
Exclusive interactive website development payments systems					
Acquiring necessary infrastructure					
Conduction of courses					

ESTABLISHMENT OF AYUR-INFORMATICS CENTER

YEAR	MILESTONE	RESPONSIBILITY
2021-2022	Development of concept & publication of concept	DR. GIRIDHAR . V & DR. DIVYA . K
2023	Identifying streams that need to be collated & collaborated	
2024	Generating pilot data	
2025	Preparation of project & submission to funding agencies	
2026-2035	Execution of project	
2036-2040	Publication, conduction of orientation programs on usage of the ayur - informatics	



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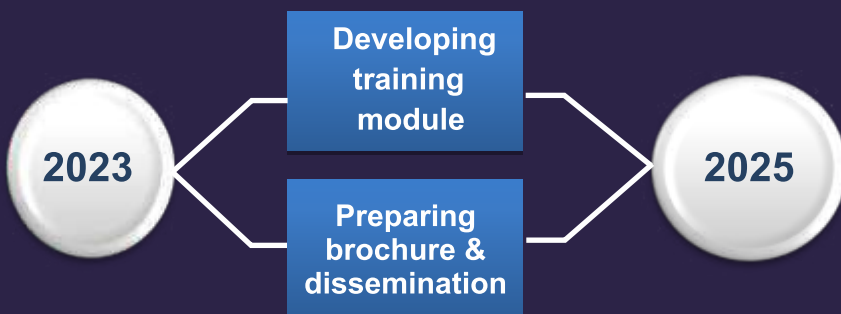
KLE AYURWORLD-LAKSHYA 2040

INTERNAL QUALITY ASSURANCE CELL

Development of Software for Data Collection, Segregation & Presentation

YEAR	MILESTONE
2022-25	Identifying data capturing items as per NAAC criteria and department wise
2023-26	Developing data capturing formats specific to respective departments
2024-27	<ul style="list-style-type: none">• Developing flow chart of data pooling mechanism from various units• Developing of mechanism of data segregation
2025-30	Developing mechanism for data storage and retrieval
2026-30	Development of software, training and implementation
2031-35	Publication of the process of development and outcome

Mentoring aspiring institutions for NAAC Accreditation

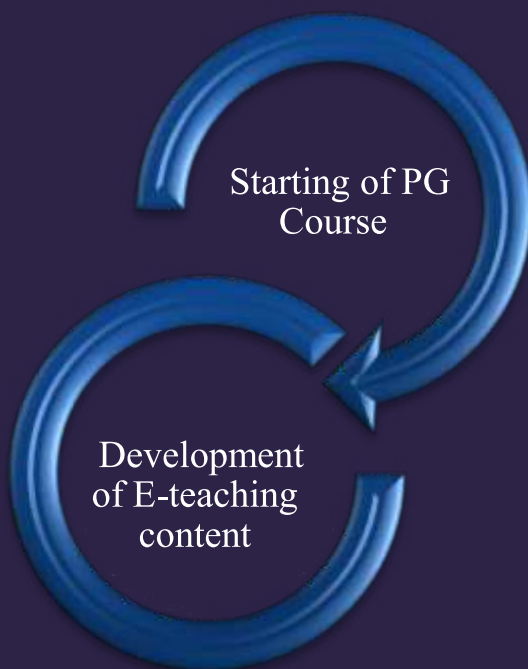


KLE AYURWORLD-LAKSHYA 2040



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SAMHITHA & SIDDHANTA - BASIC PRINCIPLE



KLE AYURWORLD-LAKSHYA 2040

Development of E-teaching content	
SAMHITHA & SIDDHANTA - BASIC PRINCIPLES	
YEAR	ACTIVITY
2021	Orientation
2022-23	Identification
2024-25	Planning
2026-27	Development
2028-29	Implementation
2030-40	Improvisation & Reimplementation

SANSKRIT SAMBHASHA KLE AYURLOKA ACTIVITY	YEAR OF IMPLEMENTATION				
	2021	2022	2023	2024	2025
Identifying various modes of spoken Sanskrit promotional activities					
Developing implementation strategy					
Implementation step by step and batch wise					
Declaring 'Sanskrit Sambhasha KLE AYURLOKA					
Publication of efforts and achievements					

KLE AYURWORLD-LAKSHYA 2040



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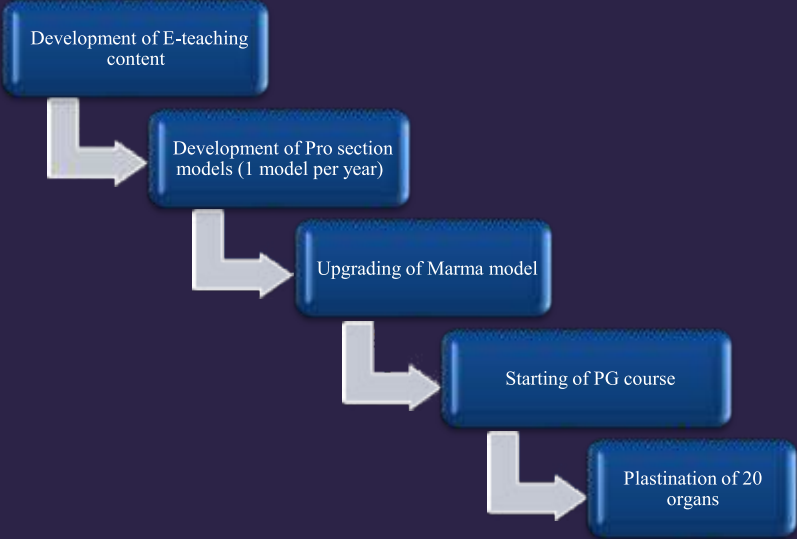
SHAREERA KRIYA



Development of E-teaching content	
SHAREERA KRIYA	
YEAR	ACTIVITY
2021	Orientation
2022-23	Identification
2024-25	Planning
2026-27	Development
2028-29	Implementation
2030-40	Improvisation & Reimplementation



RACHANA SHAREERA



Development of E-teaching content	
RACHANA SHAREERA	
YEAR	ACTIVITY
2021	Orientation
2022-23	Identification
2024-25	Planning
2026-27	Development
2028-29	Implementation
2030-40	Improvisation & Reimplementation



RASASHASTRA & BHAISHIJYA KALPANA

2021-23

Establishment of Collaboration with Industry and Oceanology

2023-28

Implementation of Z-A teaching

2021-31

Adding Rasadravyas into E-museum

2031-40

Establishment of Teaching pharmacy

Development of E-teaching content	
RASASHASTRA & BHAISHIJYA KALPANA	
YEAR	ACTIVITY
2023	Orientation
2024-25	Identification
2026-27	Planning
2028-29	Development
2030-31	Implementation
2032-40	Improvisation & Reimplementation



KLE AYURWORLD-LAKSHYA 2040

DRAVYAGUNA

2021-2023

QR coding of Medicinal Plants

2021-2025

Collection of Soft copy of different stages of plants season wise photographs.

Field Visits -Route maps of plants available in the identified area.

2021-2030

To Develop Objective Methodology for ascertaining Rasapanchaka Rasa ,Guna

To Develop objective Methodology for Ascertainning Rasapanchaka Virya,Vipaka

Implementation of Z-A teaching

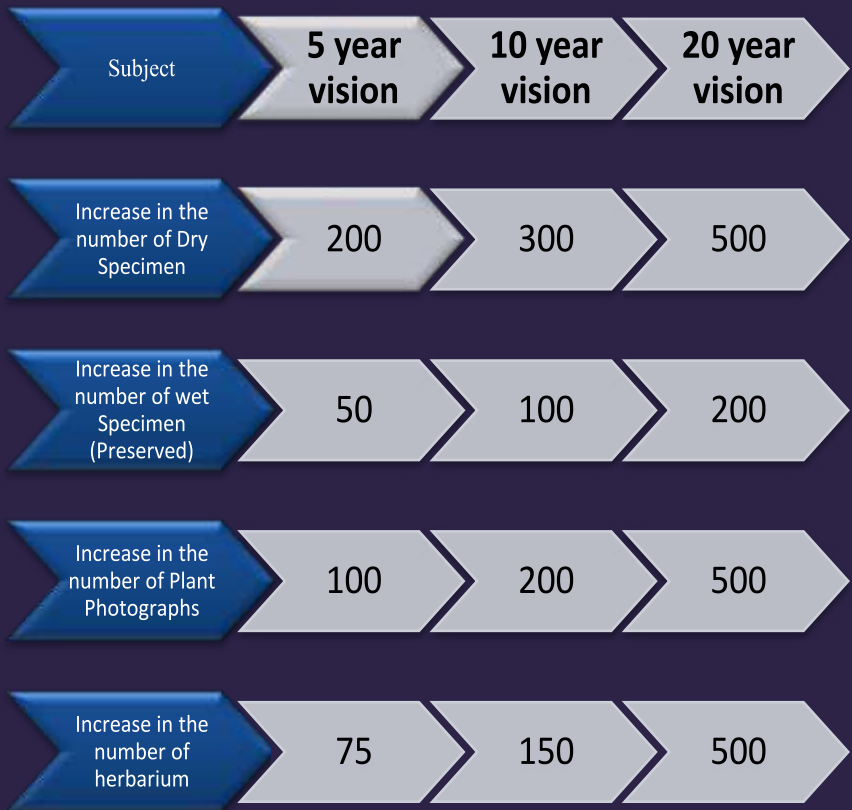
Development of E-teaching content

DRAVYAGUNA

YEAR	ACTIVITY
2023	Orientation
2024-25	Identification
2026-27	Planning
2028-29	Development
2030-31	Implementation
2032-40	Improvisation & Reimplementation



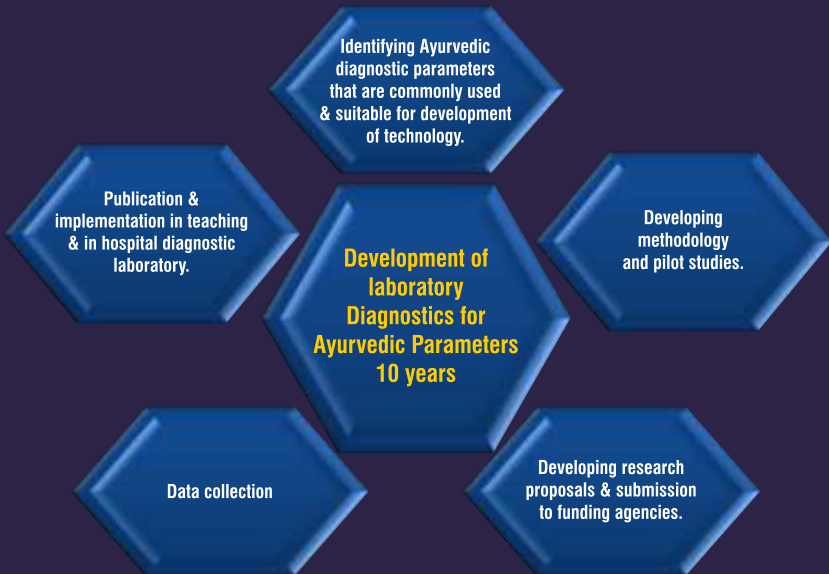
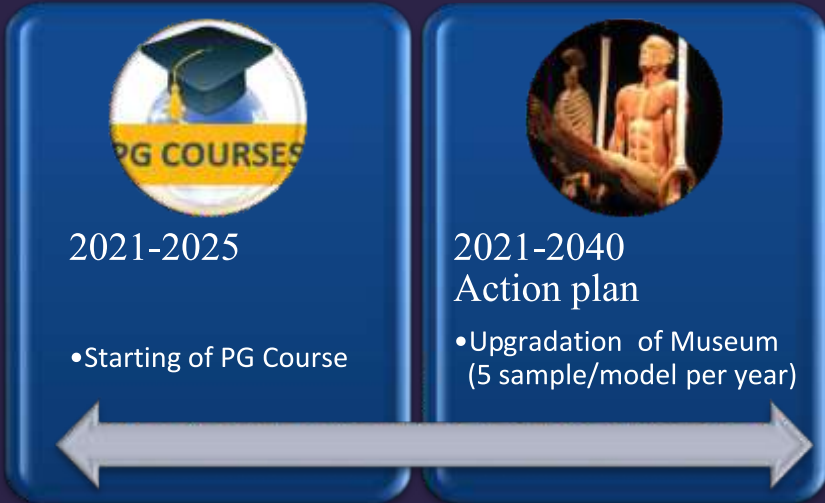
Development of Museum



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KLE AYURWORLD-LAKSHYA 2040

ROGANIDANA



KLE AYURWORLD-LAKSHYA 2040



Development of E-teaching content	
ROGANIDANA	
YEAR	ACTIVITY
2023	Orientation
2024-25	Identification
2026-27	Planning
2028-29	Development
2030-31	Implementation
2032-40	Improvisation & Reimplementation



AGADATANTRA

Establishment of Post bite management center

Development of EBM on 5 skin diseases

Development of E-teaching content

Development of E-teaching content	
AGADATANTRA	
YEAR	ACTIVITY
2025	Orientation
2026-27	Identification
2028-29	Planning
2030-31	Development
2032-34	Implementation
2035-40	Improvisation & Reimplementation



SWASTHAVRITTA

Framing of integrated diet protocols for 5 major diseases

Retrospective data analysis of 2 NCDs

Establishment of KLE Ayurswastha - club

Development of Evidence based prophylaxis protocol

Designing Dincharya and Ritucharya suitable to various geo-climatic zones

Development of E-teaching content

SWASTHAVRITTA

YEAR	ACTIVITY
2025	Orientation
2026-27	Identification
2028-29	Planning
2030-31	Development
2032-34	Implementation
2035-40	Improvisation & Reimplementation



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KLE AYURWORLD-LAKSHYA 2040

PRASOOTI TANTRA & STREEROGA



Development of E-teaching content	
PRASOOTI TANTRA & STREEROGA	
YEAR	ACTIVITY
2025	Orientation
2026-27	Identification
2028-29	Planning
2030-31	Development
2032-34	Implementation
2035-40	Improvisation & Reimplementation



KAUMARABHRITYA

- Development of EBM
- Development of e-teaching content
- Establishment of Pediatric Skill station
- 2021: Identifying Area and Plan
- 2022- 2024: Execution of Plan
- 2025: Implementation

First 5 year plan (2021 – 2025)

- Establishment of Centre for Holistic intervention in Learning Disabilities and Autism
- Building a team of special trainers and psychologists
- Screening and identifying children with Dyslexia in the schools
- Training and execution

2nd 5 year plan (2026 – 2030)

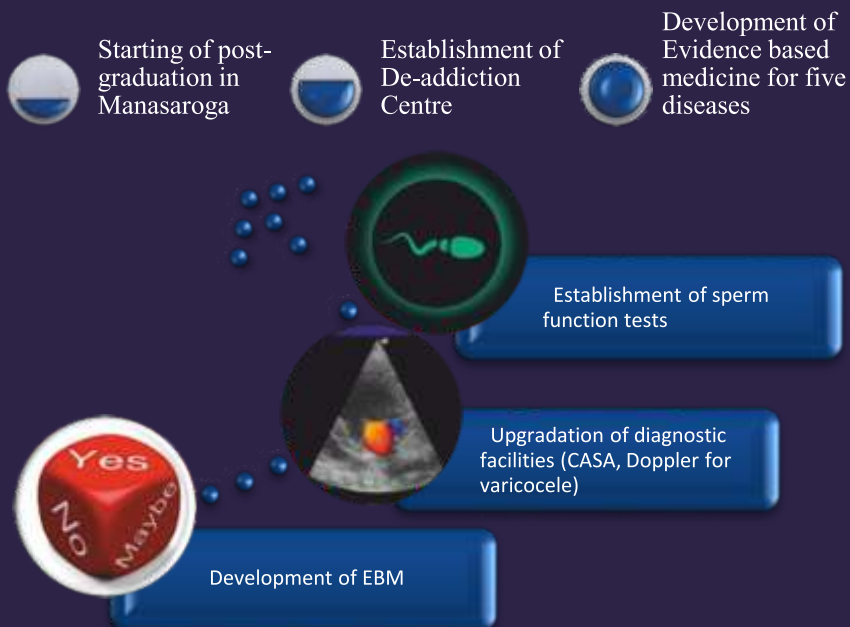
Development of E-teaching content	
KAUMARABHRITYA	
YEAR	ACTIVITY
2025	Orientation
2026-27	Identification
2028-29	Planning
2030-31	Development
2032-34	Implementation
2035-40	Improvisation & Reimplementation



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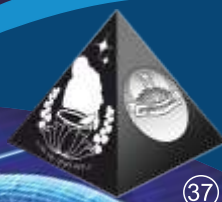
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KAYACHIKITSA & RASAYANA VAJIKARANA

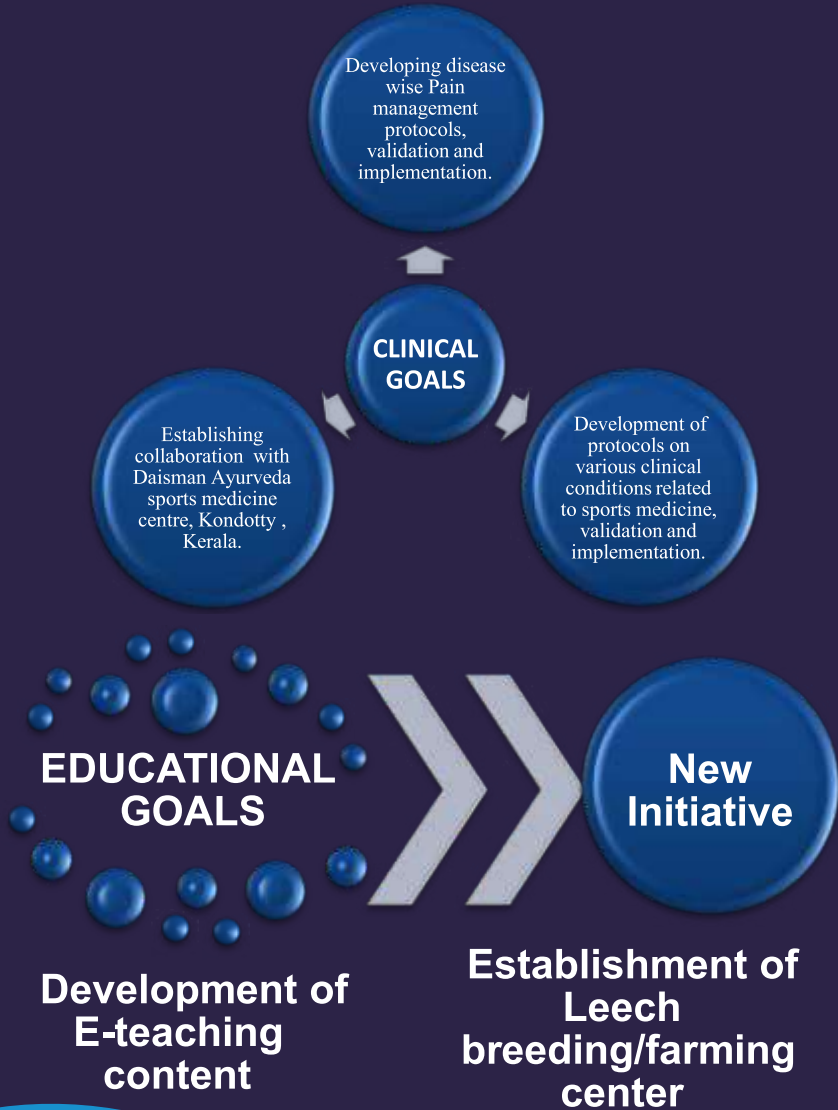


Development of E-teaching content	
KAYACHIKITSA & RASAYANA VAJIKARANA	
YEAR	ACTIVITY
2027	Orientation
2028-29	Identification
2030-31	Planning
2032-34	Development
2035-37	Implementation
2038-40	Improvisation & Reimplementation

KLE AYURWORLD-LAKSHYA 2040



SHALYATANTRA



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KLE AYURWORLD-LAKSHYA 2040

Development of E-teaching content	
SHALYATANTRA	
YEAR	ACTIVITY
2027	Orientation
2028-29	Identification
2030-31	Planning
2032-34	Development
2035-37	Implementation
2038-40	Improvisation & Reimplementation

SHALAKYA TANTRA

YEAR	MILESTONE
2026-2030	Development and establishment of skill lab
2031-2035	Development of Technology assisted eye exercises
2021-30	Development of EBM for five each in eye and ENT

Development of E-teaching content	
SHALAKYA TANTRA	
YEAR	ACTIVITY
2027	Orientation
2028-29	Identification
2030-31	Planning
2032-34	Development
2035-37	Implementation
2038-40	Improvisation & Reimplementation



PANCHAKARMA

Expansion of range of
Shodhana medicine



Establishment of
Pharmacodynamics and
pharmacokinetics of Panchakarma
therapist



Development of EBM for five
procedures-20 years.

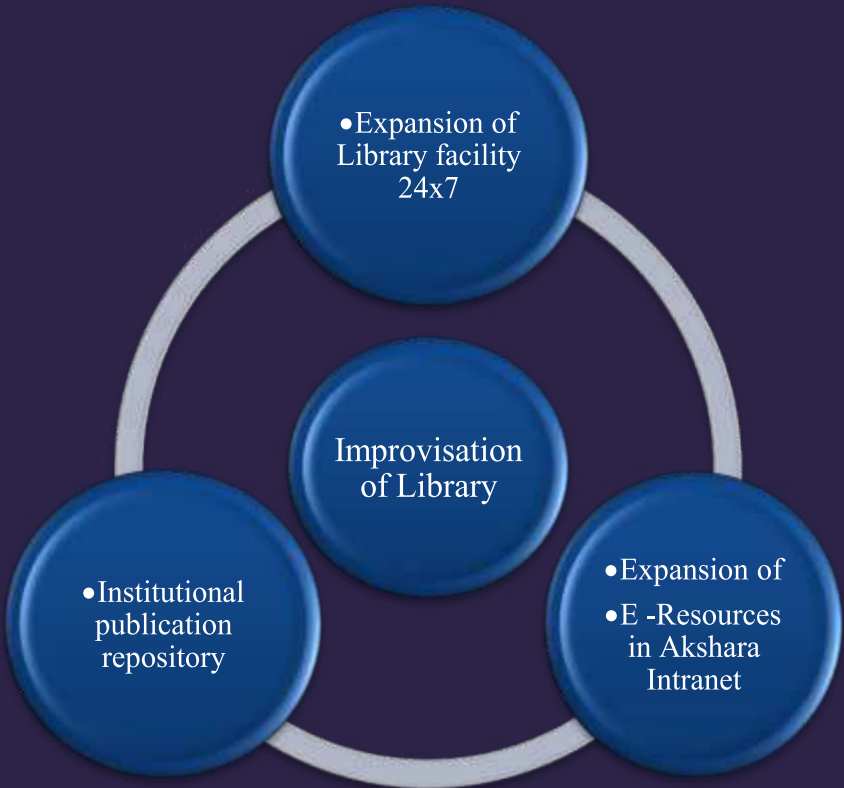
Development of E-teaching content	
PANCHAKARMA	
YEAR	ACTIVITY
2027	Orientation
2028-29	Identification
2030-31	Planning
2032-34	Development
2035-37	Implementation
2038-40	Improvisation & Reimplementation



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KLE AYURWORLD-LAKSHYA 2040

LIBRARY



Expansion of E -Resources in Akshara Intranet

YEAR	MILESTONE
2021-22	Identifying team of students and orientation
2022-23	Feedback on usage and further development
2024-40	Identification of e-resources and periodical uploading

Institutional publication repository

YEAR	MILESTONE
2021	Creating TAB and uploading the existing data
2022-23	Developing mechanism of collection of data and periodical updating
2024-40	Implementation



④2

KLE AYURWORLD-LAKSHYA 2040

DEPARTMENT OF PHYSICAL EDUCATION



Conduction of Indian folklore Tournaments

- Identifying suitable folklore activities
- Identifying trainers and training
- Developing frame work and implementation
- Conduction of Tournaments



Establishment of Gym

- Identifying & prioritising requirements as per the institutional needs
- Identifying space, renovation/modification/ construction
- Acquiring equipment & installing
- Developing expertise human resource
- Implementation



VRUKSHAYURVEDA DEPARTMENT

2021-2025

To develop SOPs for seed processing as per Vrukshayurveda techniques before sowing for 5 species

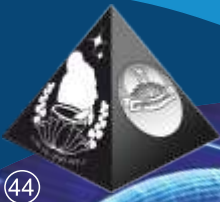
2026-2030

To practice atleast 5 Vrukshayurveda methods for maintenance of 10 species

2031-2040

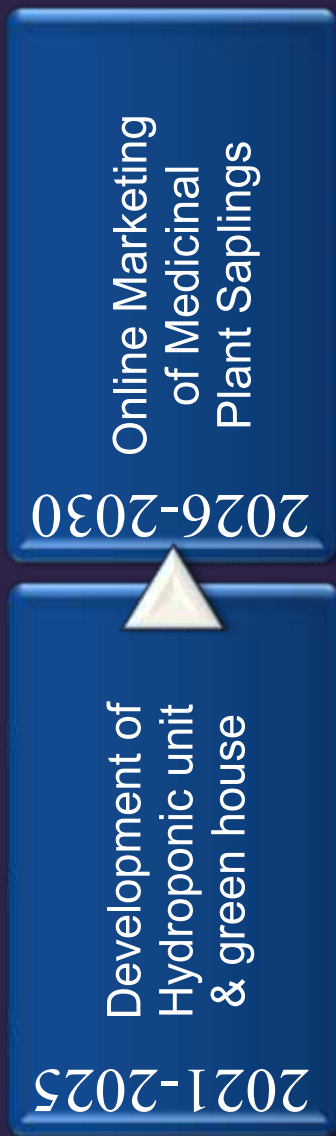
To cultivate 15 medicinal plants by Vrukshayurveda methods

Units	2021-25	2026-30	2031-40
Nursery species	80	100	120
Vermicompost Preparation	1 Ton/year	1.5 Ton/year	2 Ton/year
Dashamoola plants	5000	10000	20000
Ashoka (Saraca ashoka)	500	1000	3000
Bonsai plants	60	80	100
Herbal garden	350	375	400



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KLE AYURWORLD-LAKSHYA 2040







KLE AYURVEDA HOSPITAL & MEDICAL RESEARCH CENTER





KLE AYURVEDA HOSPITAL & MEDICAL RESEARCH CENTER

By 2040, The hospital will be fully automated and paperless. Presently functioning specialty clinics will be upgraded to Centre of Excellence. All clinical departments will develop Evidence Based Medicine for at least five clinical conditions. There will be new initiatives. The hospital will focus on globalization through standard treatment protocols, EBM and promotion of medical tourism.

ESTABLISHMENT OF CENTER OF EXCELLENCE

Specialty clinics started in the institution with aim to explore the unexplored science of Ayurveda. These clinics have made high impact clinically as well as academically. The institute could be able to start fellowship or postgraduation courses through these specialty clinics. With the success and sustained growth, it is proposed to develop the following specialty clinics into Centre of Excellence – that provide standard care through EBM developed through robust research and produce experts and skilled human resource in the said specialty.

SRISTI
Ayurvedic Fertility
Center

HRIDYA
Ayur Cardiac
Care

**AYUR
THYROID
CARE CLINIC**

UTSAAHA
Life Style
Modification And
Rejuvenation For
Healthy

ABHAYA
Ayur Cancer Care

Center For
**INTEGRATIVE
HEALTH**

SUMEDA
Obesity Solutions
Through Ayurveda

KLE AYURWORLD-LAKSHYA 2040



DEVELOPMENTAL PLAN

RESPONSIBILITY - Coordinator of Clinical Data Management Unit

2021-22

- Retrospective Data Analysis.
- Identifying Leads & Thrust Areas

2023-25

- Development of standard/integrated treatment/whole system approach protocols

2026-27

- Development of skilled human resource – Technical & supportive

2028-29

- Acquiring suitable and sufficient infrastructure
- Establishment of collaborations

2030-34

- Implementation of Protocols & Data Collection
- Development of EBM

2035-40

- Scientific publications
- Dissemination of developed knowledge



KLE AYURWORLD-LAKSHYA 2040

ESTABLISHMENT OF CLINICAL DATA MANAGEMENT UNIT

Analysis of hospital clinical data provides very valuable leads. We can identify the potential clinical conditions where clinical outcome is very good so that promotional activities may be taken up on those diseases. Similarly, the clinical conditions that are not responding also will be known, so that treatment protocol may be reviewed/modified. As at present data is in digital form, data analysis will be easy and meaningful, thus the idea of establishing data analysis unit.

RESPONSIBILITY - HOD of Respective Clinical Departments

2021

- Identifying space and acquiring necessary infrastructure
- Identification of suitable experts and orientation/training

2022

Expansion of experts to all clinical subjects and orientation/training

2023-25

Retrospective data analysis & identification of thrust areas

2025-27

Promotional activities/modifications

2028-32

- Prospective data collection pertaining to thrust areas and analysis

2033-40

- Publications
- Scientific usage of data

KLE AYURWORLD-LAKSHYA 2040



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DEVELOPMENT OF EVIDENCE BASED MEDICINE

Though Ayurveda Protocols in practice since thousands of years are standard and well defined, there is a need to study on present scientific lines and develop Evidence Based Medicine to globalize Ayurveda. It is proposed that by 2040 all clinical departments will develop EBM for at least five clinical conditions.

RESPONSIBILITY - HOD of Respective Clinical Departments

2021-22

Retrospective data analysis & identification of suitable clinical condition for the development of EBM

2023-28

- Development of standard treatment/integrative/whole system approach protocol
- Validation of protocol & pilot study

2029-35

Implementation of final protocol and data collection

2036-40

Data analysis & Publication



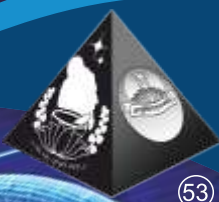
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KLE AYURWORLD-LAKSHYA 2040

OPERATION THEATER COMPLEX

2021-25	<ul style="list-style-type: none">• Development of Ayurvedic aseptic techniques for OT sterilization• Standardization of Ayurvedic Sterilization methods and implementation
2026-30	<ul style="list-style-type: none">• Publication of evidence based practices of Ayurveda OT sterilization methods
2031-40	<ul style="list-style-type: none">• To expand OT facilities for conduction of laparoscopic and urological surgeries

RESPONSIBILITY: OT In-charge



PROMOTION OF MEDICAL TOURISM

2023

Acquiring necessary infrastructure to accommodate overseas clients & training concerned human resource

Responsibility : Medical Superintendent

Development of suitable treatment packages

Logistic & tourism support

Responsibility : IQAC coordinator

2021-22

Development of interactive website for hospital

Online consultation system with appropriate payment options

Responsibility : IT Cell & Maintenance Department

Medicine couriering system

Responsibility : I/C Aushadalaya

2024-40

Implementation

Responsibility: Medical Superintendent



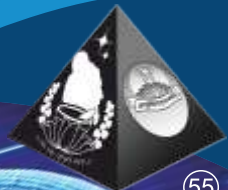
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KLE AYURWORLD-LAKSHYA 2040

YOGA



RESPONSIBILITY-Yoga In-charge & HOD, Swasthavritta dept.



NATUROPATHY

2021-23

- Development of SOPs for the procedures that can be performed with available facilities of Naturopathy
- Identifying suitable clinical conditions where these procedures may be incorporated as part of integrative medicine

2024-28

- Developing integrative protocols in consultation with respective clinical departments
- Creation of skilled human resource
- Validation of protocols & pilot study

2029-40

- Implementation of protocols and data collection
- Publication as EBM

RESPONSIBILITY-In-charge Naturopathy Unit & HOD, Swasthavritta dept.



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KLE AYURWORLD-LAKSHYA 2040

PHYSIOTHERAPY

RESPONSIBILITY - In-charge Physiotherapy Unit

2021-22

- Identifying suitable clinical conditions where these physiotherapies may be incorporated as part of integrative medicine

2023-28

- Developing integrative protocols in consultation with respective clinical departments
- Validation of protocols & pilot study
- Establishment of **Spine Clinic** in association with Panchakarma

2029-40

- Implementation of protocols and data collection
- Publication as EBM

KLE AYURWORLD-LAKSHYA 2040



PATHYA UNIT

2021-25

Developing SOPs
for 20 pathya
preparations

2026-30

Renovation to
modular
kitchen

2031-40

- Developing SoPs for additional 30 pathya preparations
- Introduction of Samsarjana Krama as per Continental food habits

RESPONSIBILITY - In-charge Pathya unit



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KLE AYURWORLD-LAKSHYA 2040

DIAGNOSTIC LABORATORY

2021-25

Developing
Ayurvedic
assessment
parameters
for urine

Developing
diagnostic
packages as
per the
integrated
protocols

2026-30

2031-40

Developing
Ayurvedic
assessment
parameters
for raktha

KLE AYURWORLD-LAKSHYA 2040



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**KLE AYURVEDA PHARMACY
BOYS & GIRLS HOSTELS
WOMEN CELL**





KLE AYURVEDA PHARMACY

2025-27 Years
-Throughout India
-ISO Certification

2024-26 Years
-Across Karnataka

2021-22 Years
-In& around Belgaum

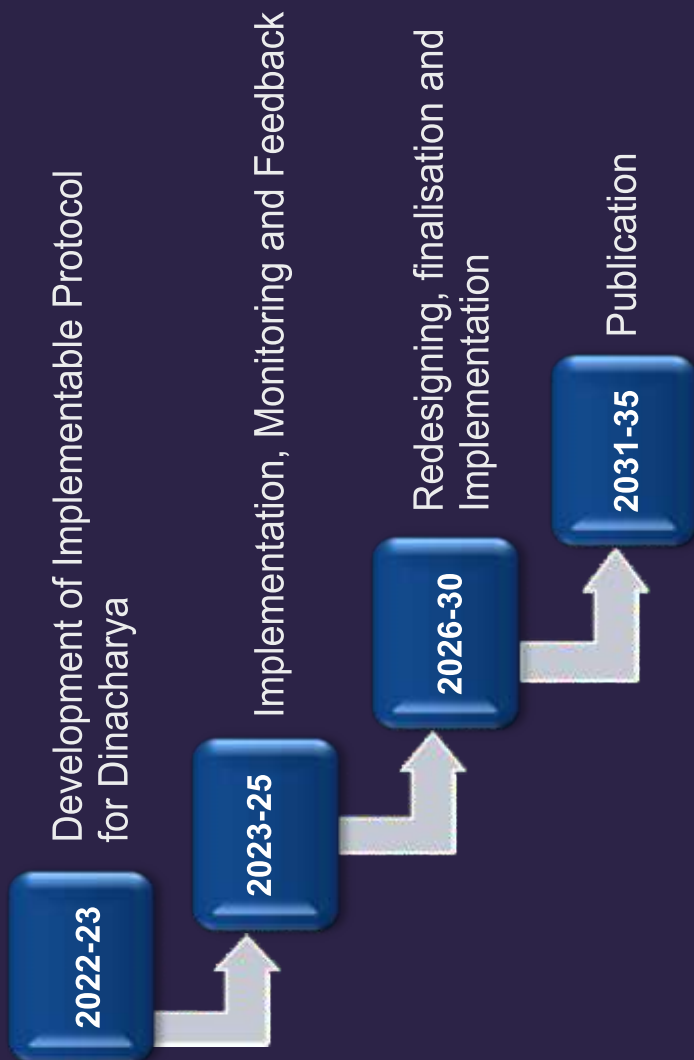
**Promotion
of
Marketing**

KLE AYURWORLD-LAKSHYA 2040



GIRLS & BOYS HOSTEL

IMPLEMENTATION OF DINACHARYA



IMPLEMENTATION OF RUTUCHARYA

2024-30

Development of
implementable
protocol for
Rutucharya

2026-32

- Developing Rutu-wise menu for Hostel mess
- Implementation, Monitoring & Feedback

2032-35

Redesigning,
Finalisation and
Implementation

2036-40

Publication

KLE AYURWORLD-LAKSHYA 2040



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WOMEN CELL

- Basic life support training to all women employees -
- Financial Management training to all women employees



2026-30

- Ensuring healthy cooking training to all employees



2023-28

- Publication on initiatives of women cell
- Ensuring literacy in all women employees of institution



2021-23



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KLE AYURWORLD-LAKSHYA 2040



FOUNDER



**SHRI BASAPPA MALLAPPA
KANKANAWADI**

(01-07-1880 - 13-03-1950)

1933
1958
1983
2008
2033

**KLE SHRI BMK AYURVEDA MAHAVIDYALAYA
CENTENARY CELEBRATION**



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KLE SHRI B M KANKANAWADI AYURVED MAHAVIDYALAYA
KLE AYURVEDA HOSPITAL & MEDICAL RESEARCH CENTRE
KLE AYURVEDA PHARMACY
DHANWANTARI HERBAL GARDEN, NARSINGPUR
BUMBARAGA HERBAL GARDEN, BUMBARAGA



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