KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH,

Belagavi, Karnataka

I. Enlist the initiatives undertaken under the umbrella of NEP 2020

KLE Academy of Higher Education and Research (KAHER) has embarked on various initiatives in alignment with the goals of the (NEP) 2020. In addition the following initiatives has been undertaken:

1.Curriculum Reforms: KAHER has initiated a comprehensive review and update of its curriculum to embrace the multidisciplinary approach advocated by NEP 2020. KAHER health science university, despite being governed by respective regulatory councils for most of their courses, still have the autonomy to align with the objectives of National Education Policy (NEP) 2020. Initiatives like Competency-Based Medical Education (CBME), Competency-Based Ayurveda Education (CBAE), Outcome-Based Education (OBE), Outcome-Based Homeopathy Education (OBHE), Competency-Based Physiotherapy Education (CBPE), and Competency-Based Nursing Education (CNE) have already been implemented.

2.Teacher Training Programs: KAHER has developed and implemented training programs aimed at enhancing the pedagogical skills of faculty members. These programs promote innovative teaching methods and cultivate a culture of continuous professional development among educators.

3. **Emphasis on Research and Innovation:** KAHER actively encourages research activities among both students and faculty members. Adequate infrastructure, funding opportunities, and incentives for publications and patents are provided to foster a culture of innovation and scholarly inquiry.

4. **Technology Integration:** KAHER leverages technology to enhance the learning experience through online platforms, and digital resources. This improves access to quality education and ensures students are well-equipped for the digital age.

5.**Community Engagement Programs**: KAHER engages with local communities through various outreach programs and social initiatives. Collaborative projects are undertaken to address societal challenges and promote inclusive development.

6. **Student Support Services**: KAHER prioritizes the holistic development and well-being of students by strengthening support services such as counselling, career guidance, and mentorship.

7. **International Collaborations:** KAHER actively seeks partnerships with foreign universities and institutions for academic exchange programs, joint research projects, and collaborative degree programs. This enhances global exposure and competitiveness for both students and faculty members.

8. Sustainability Initiatives: KAHER integrates sustainability education and practices across its campus, promoting eco-friendly measures and conducting research on environmental conservation and sustainable development.

9. Professor of Practice Appointments: KAHER has emphasized University-Industry Partnerships to bridge the gap between academic learning and industry requirements Professors of Practice have been appointed in all constituent units to ensure that students are industry-ready, gaining practical insights and hands-on experience from seasoned professionals.

10. Innovation and Incubation Centre: In collaboration with IIT-Kanpur, KAHER has developed an Innovation and Incubation Centre. This initiative aims to bring innovators together to share ideas, collaborate, and develop new MedTech solutions, fostering a spirit of entrepreneurship and innovation among students and faculty members.

These initiatives underscore KAHER's commitment to the overarching goals of NEP 2020, including promoting equitable access to quality education, fostering innovation and research, nurturing holistic development, and preparing students for the challenges of the 21st century.

II. Best Practices of your institution

1. Alignment with NEP 2020 and NSQF:

KAHER's programs and initiatives are aligned with NEP 2020 and the National Skills Qualifications Framework (NSQF).

2. Evidence-Based Practices:

Implementing practices and curricula based on rigorous evidence to ensure the highest standards of education and training.

3. National and International MoUs (Academic and Research):

Establishing Memorandums of Understanding with institutions both nationally and internationally to promote academic and research collaborations.

4. Translating Research into Policy and Practice:
Ensuring that research findings are effectively translated into policies and practical applications that benefit society.
5. Sustainable Institution of India Green Ranking:

5. **Committing to sustainability practices** that have earned KAHER recognition in the Sustainable Institution of India Green Ranking.

II. Best Practices of your institution

Key Educational Initiatives

1. Holistic and Multidisciplinary Education:

- Candidates from life sciences or any other stream can take admission in programs like BPH, MPH, B.Sc in Nutrition & Dietetics, M.Sc in Nutrition & Dietetics, M.Sc in Psychology, and B.Sc in Digital Health and Informatics.
- All allied courses follow a multidisciplinary approach, with value-added courses introduced to enrich the curriculum.

2. Multiple Entry and Exit System:

- Implemented in two skill-based programs (Hotel Management and Public Health) with credit banking for skill components (60%) and general education components (40%). NSQF levels 5 to 10 provide opportunities for vertical mobility, equipping learners with skills, knowledge, and understanding for effective job performance.

3. Choice-Based Credit System (CBCS):

Introduced in 18 undergraduate programs (3 years + 1-year paid internship) that are not under any regulatory councils, started in 2023.

4. Academic Bank of Credits (ABC):

- Registration on the Academic Bank of Credit (ABC)-NAD Portal with 7342 registered students.

5. E-learning and Blended Learning:

- Initiating e-content uploading on Swayam Prabha and undertaking courses on Swayam (NPTEL). Facilities such as a recording studio (Media Centre) and the Impartus lecture capturing system are in place to support these initiatives.

These initiatives reflect KAHER's commitment to the overarching goals of NEP 2020, including promoting equitable access to quality education, fostering innovation and research, nurturing holistic development, and preparing students for the challenges of the 21st century.

III.Outcomes expected from Best Practices

Implementing the best practices outlined by KLE Academy of Higher Education and Research (KAHER) is expected to yield several positive outcomes, contributing to the institution's growth and the holistic development of its students.

1. **Enhanced Industry Readiness:**
   - With the appointment of Professors of Practice and strong university-industry partnerships, students will gain practical insights and hands-on experience, making them better prepared to meet industry demands.

2. **Increased Innovation and Collaboration:**
   - The establishment of an Innovation and Incubation Centre in collaboration with IIT-Kanpur will foster an environment of creativity and innovation. This will encourage students and faculty to collaborate on new MedTech solutions, driving forward research and development.

3. **Multidisciplinary Competence:**
   - The promotion of multidisciplinary education will enable students from various streams to acquire comprehensive knowledge and skills, enhancing their ability to address complex real-world problems through a holistic approach.

4. **Flexible and Inclusive Learning Paths:**
   - The implementation of the Multiple Entry and Exit System in skill-based programs will provide students with flexible learning pathways. This allows them to enter and exit programs at different stages, catering to diverse learning needs and career aspirations.

5. **Improved Academic Flexibility:**
   - The introduction of the Choice-Based Credit System (CBCS) in 18 undergraduate programs will offer students greater academic flexibility. This system allows students to tailor their education according to their interests and career goals, thereby enhancing their overall academic experience.

III.Outcomes expected from Best Practices

6. Effective Academic Credit Management:
- With the Academic Bank of Credits (ABC) registration, students will benefit from a seamless credit transfer system. This promotes lifelong learning and vertical mobility, ensuring students can build upon their previous education efficiently.

7 Blended and E-Learning Advancements:
- The integration of e-learning and blended learning approaches, including the use of platforms like Swayam and NPTEL, will provide students with diverse learning resources. This enhances their learning experience and ensures they are well-versed in digital and online education methodologies.

8. Sustainable and Green Campus Initiatives:
- Recognition in the Sustainable Institution of India Green Ranking reflects KAHER's commitment to sustainability. This will cultivate a sense of environmental responsibility among students and faculty, promoting eco-friendly practices within and beyond the campus.

9. Stronger Community Engagement:
- Through community engagement programs, KAHER will build stronger ties with local communities. This will help in addressing societal challenges and promoting inclusive development, while also providing students with opportunities for meaningful community service.

10. Global Exposure and Competitiveness:
- National and international MoUs for academic and research collaborations will enhance global exposure for students and faculty. This will broaden their perspectives, foster international research partnerships, and increase their competitiveness on a global scale.

11. Policy and Practice Integration:
- Translating research into policy and practice ensures that academic research has a tangible impact on society. This will enable KAHER to contribute to evidence-based policy-making and practical applications that benefit the broader community.

Overall, these outcomes will contribute to KAHER's mission of delivering high-quality education, fostering innovation, and preparing students to be competent professionals who can contribute positively to society and the global community.

IV. Expected outcomes for the faculty

Implementing the best practices at KLE Academy of Higher Education and Research (KAHER) will have several positive outcomes for the faculty, enhancing their professional development, research capabilities, and overall job satisfaction.

1. **Enhanced Professional Development:**
- Continuous Learning: Faculty will benefit from ongoing professional development programs, gaining new pedagogical skills and innovative teaching methods.
- Increased Qualifications: Opportunities for further education and training will help faculty members stay current with the latest advancements in their fields.

2. **Greater Industry Engagement:**
- Industry Exposure: The appointment of Professors of Practice and partnerships with industry will provide faculty with real-world insights and experiences that can be integrated into their teaching.
- Collaboration Opportunities: Engagement with industry professionals will facilitate joint projects and research collaborations, enhancing practical knowledge and application.

3. **Improved Research Opportunities:**
- Access to Resources: Faculty will have access to state-of-the-art research infrastructure and funding opportunities, enabling them to pursue cutting-edge research.
- Innovation and Incubation: Collaboration with the Innovation and Incubation Centre, in association with IIT-Kanpur, will provide a platform for faculty to bring their research ideas to life and work on new MedTech solutions.

4. **Interdisciplinary Collaboration:**
- Multidisciplinary Projects: Establishing interdisciplinary centres will encourage faculty to collaborate across different disciplines, fostering a richer academic environment.
- Broader Research Scope: Interdisciplinary collaboration will allow faculty to explore new research areas and methodologies, enhancing their academic output and impact.

5. **Increased Recognition and Reward**:
- Publications and Patents: Faculty will be incentivized and supported to publish their research findings and secure patents, leading to increased recognition in their fields.
- Awards and Grants: Enhanced research capabilities and outputs will improve faculty members' chances of receiving academic awards and research grants.

6. **Technology Integration in Teaching:**
- Digital Proficiency: Faculty will develop expertise in using online learning platforms, virtual labs, and digital resources, enhancing their teaching methods.
- Blended Learning: E-learning and blended learning initiatives will enable faculty to create a more engaging and flexible learning environment for students.

IV. Expected outcomes for the faculty

7. **Global Academic and Research Collaborations:**
- International Exposure: National and international MoUs will provide opportunities for faculty to engage in academic exchanges, joint research projects, and conferences, broadening their global academic network.
- Cultural Exchange: Faculty will gain exposure to diverse educational practices and cultural perspectives, enriching their teaching and research approaches.

8. **Involvement in Community Engagement:**
- Societal Impact: Faculty will have opportunities to participate in community outreach programs, applying their expertise to address local societal challenges.
- Real-World Applications: Engaging with the community will provide practical insights and experiences that can be integrated into academic programs and research projects.

9. **Contribution to Policy and Practice:**
- Influence on Policy: Translating research into policy and practice will allow faculty to contribute to evidence-based policy-making, having a direct impact on societal development.
- Practical Solutions: Faculty research will not only advance academic knowledge but also provide practical solutions to real-world problems, enhancing their sense of purpose and accomplishment.

10. **Sustainability and Green Practices:**
- Eco-Friendly Initiatives: Faculty involvement in sustainability initiatives will promote eco-friendly practices within the campus and beyond, contributing to a greener environment.
- Research on Sustainability: Opportunities to conduct research on environmental conservation and sustainable development will align faculty work with global sustainability goals.

Overall, these outcomes will contribute to a more dynamic, fulfilling, and impactful professional life for faculty members at KAHER, fostering a culture of excellence in teaching, research, and community service.

V. Expected outcomes for the institution as a whole

Implementing best practices at KLE Academy of Higher Education and Research (KAHER) will bring numerous benefits to the institution, enhancing its reputation, academic quality, research output, and overall effectiveness. Here are the expected outcomes:

1. **Enhanced Academic Reputation:**
- National and International Recognition: Improved educational standards and innovative practices will boost KAHER's reputation, attracting top-tier students and faculty globally.
- Accreditations and Rankings: Achieving higher ranks in national and international educational rankings and obtaining prestigious accreditations will enhance the institution's credibility and prestige.

2. **Improved Quality of Education:**
- Curriculum Excellence: Continuous curriculum updates and the adoption of flexible, multidisciplinary approaches will ensure that the education provided is relevant, comprehensive, and aligned with the latest industry and academic standards.
- Student-Centered Learning: Emphasis on outcome-based education, competency-based models, and flexible learning paths will create a more engaging and effective learning environment for students.

3. **Strengthened Research and Innovation**:
- Increased Research Output: Enhanced support for research activities will lead to a higher volume and quality of research publications, patents, and innovative solutions.
- Collaborative Research: Partnerships with industry and other academic institutions will foster collaborative research, expanding the scope and impact of KAHER's research endeavors.

4. **Greater Industry Collaboration:**
- Industry Partnerships: Strong ties with industry through initiatives like the Professor of Practice and the Innovation and Incubation Centre will enhance practical learning and research, ensuring that graduates are well-prepared for the workforce.
- Employment Opportunities: Increased industry collaboration will improve job placement rates and career prospects for graduates, boosting the institution's attractiveness to prospective students.

5. **Sustainable and Eco-Friendly Campus:**
- Green Practices: Recognition in the Sustainable Institution of India Green Ranking will highlight KAHER's commitment to sustainability, making it a model for other institutions.
- Environmental Research: Contributions to sustainability research will position KAHER as a leader in addressing global environmental challenges.

6. **Comprehensive Student Development:**
- Holistic Education: Offering multidisciplinary and flexible programs will support the overall development of students, making them well-rounded individuals ready to tackle diverse challenges.
- Support Services: Strengthened support services such as counseling, career guidance, and mentorship will enhance student satisfaction and success rates

V. Expected outcomes for the institution as a whole

7. Enhanced Technological Integration:
- Digital Learning: Investments in e-learning and blended learning will modernize the educational experience, providing students and faculty with access to cutting-edge resources and methodologies.
- Technology-Enhanced Teaching: The integration of digital tools in teaching will improve instructional effectiveness and learning outcomes.

8. **Community and Societal Impact**:
- Community Engagement: Active participation in community outreach and social initiatives will strengthen the institution's role as a catalyst for positive societal change.
- Policy Influence: Translating research into policy and practice will enhance KAHER's influence on public health and education policies, contributing to national development goals.

9. Financial Sustainability:
- Funding and Grants: Increased research output and industry collaboration will attract more funding and grants, supporting the institution's financial health and enabling further investments in infrastructure and programs.
- Revenue Streams: Offering diverse and innovative programs will open up new revenue streams, contributing to the institution's long-term sustainability.

10. Global Competitiveness:
- International Collaborations: Forming partnerships with foreign universities for academic exchange and joint research will enhance KAHER's global competitiveness.
- Global Exposure: Students and faculty will benefit from international exposure, enriching their educational and professional experiences.

Overall, these outcomes will position KAHER as a leader in health science education and research, driving excellence in academic and professional development, and making significant contributions to society and the global community.

VI. Expected Outcomes for the Stakeholders

Implementing the best practices at KLE Academy of Higher Education and Research (KAHER) will yield numerous positive outcomes for various stakeholders, including students, faculty, industry partners, local communities, and the broader society.

1. **Students:**
- Enhanced Learning Experience: Access to a multidisciplinary and flexible curriculum will provide a holistic education, equipping students with diverse skills and knowledge.
- Career Readiness: Exposure to practical, industry-relevant training and competency-based education will prepare students for successful careers in their chosen fields.
- Research Opportunities: Increased opportunities for involvement in cutting-edge research and innovation will enrich students' academic experience and enhance their career prospects.
- Global Exposure: Participation in international exchange programs and collaborations will broaden students' perspectives and competitiveness in the global job market.
- Personal Development: Comprehensive support services, including counselling and mentorship, will foster students' overall well-being and personal growth.

2. **Faculty:**
- Professional Development: Continuous training programs will enhance faculty members' pedagogical and research skills, keeping them updated with the latest academic advancements.
- Research Support: Access to better research facilities, funding, and collaboration opportunities will enable faculty to pursue impactful research.
- Industry Engagement: Collaboration with industry through the Professor of Practice and Innovation Centre will provide faculty with practical insights and professional growth opportunities.
- Recognition and Rewards: Increased publication opportunities, research grants, and awards will acknowledge and reward faculty contributions, boosting job satisfaction.

3. **Industry Partners:**
- Skilled Workforce: Industry partners will benefit from a well-prepared, industry-ready workforce, reducing the training time and costs associated with new hires.
- Collaborative Research: Joint research projects and innovation initiatives will lead to the development of new technologies and solutions beneficial to both academia and industry.
- Access to Talent: Close ties with KAHER will provide industry partners early access to top talent for internships and employment.

VI. Expected Outcomes for the Stakeholders

4. **Local Communities:**
- Community Engagement: Increased outreach programs and collaborative projects will address local challenges, improving health, education, and overall quality of life in the community.
- Knowledge Transfer: The translation of research into practice will bring evidence-based solutions to local problems, benefiting community members directly.
- Educational Opportunities: Community members will have access to educational resources and programs offered by KAHER, promoting lifelong learning.

5. **Society at Large:**
- Health Improvements: Advances in medical research and health sciences will contribute to better healthcare solutions and improved public health outcomes.
- Policy Influence: Research findings translated into policies and practices will contribute to evidence-based policymaking, impacting national and global health and education policies.
- Environmental Impact: Sustainability initiatives and research on environmental conservation will promote eco-friendly practices and contribute to global environmental goals.

6. **Institutional Stakeholders (Administration and Management):**
- Reputation and Ranking: Enhanced academic quality, research output, and industry collaboration will improve the institution's national and international reputation and ranking.
- Financial Health: Increased funding through research grants, industry partnerships, and diverse revenue streams will ensure the institution's financial sustainability.
- Strategic Growth: Implementing innovative educational models and expanding global partnerships will drive the institution's strategic growth and development.
- Stakeholder Satisfaction: Positive outcomes for students, faculty, industry partners, and the community will enhance overall stakeholder satisfaction and loyalty to the institution.

By aligning its practices with the objectives of NEP 2020, KAHER ensures that all stakeholders benefit significantly, fostering a thriving academic environment, advancing research and innovation, and contributing to societal development.

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