



SHRI DHANWANTRY AYURVEDIC COLLEGE AND HOSPITAL, SECTOR 46-B, CHANDIGARH

INTERNAL QUALITY ASSURANCE CELL (IQAC)- 2025

"ALL 75" TRAINING MODULE

ORIENTATION PROGRAM ON IQAC MONTHLY CHECKLIST





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ACADEMICS

1. Aligning Department Vision and Mission with SDG 4 & SDG 3



Aligning Department Vision and Mission with SDG 4 & SDG 3

Orientation program for Ojha's college teachers focusing on strategic alignment with SDG 4 and SDG 3 to promote quality education and good health.

Bibhen Krashman



Orientation Roadmap for Ayurveda Education and SDGs

Structured steps to Integrate Vision, Mission, and SDG goals

1

2

3

4

5

6

7

8

Contextual Analysis and Need Assessment in Ayurveda Education

Ensuring Vision and Mission are Contextually Rooted for Ayurveda College

● Current Status Review

Analyze Ayurveda education and healthcare delivery within the institution comprehensively.

Identify gaps in teaching-learning, healthcare services, student engagement, and community outreach.

Examine effectiveness and resources of current teaching-learning methods and curriculum design.

● Healthcare Services

Assess quality and accessibility of Ayurveda healthcare services provided by the institution.

● Student Engagement

Evaluate student participation and involvement in academic and extracurricular activities.

Develop outreach programs connecting Ayurveda education with national community needs.

Ensure vision and mission statements are specific, evidence-based, and contextually relevant.

● Alignment with Context

Root vision and mission in institutional realities avoiding generic statements for authenticity.

Inclusive Stakeholder Consultation for SDG-Aligned Vision

Engaging diverse groups to integrate SDG 3 and SDG 4 in Ayurveda education



Engage diverse stakeholders including faculty, students, staff, alumni, and community

Incorporating perspectives from multiple groups ensures a comprehensive and inclusive vision aligned with institutional goals.



Focus on SDG 4 to enhance competency-based and lifelong learning education

Prioritize curriculum development that supports continuous skill advancement and research-oriented training methodologies.



Emphasize SDG 3 by integrating quality patient care and preventive health services

Integrate evidence-based Ayurveda practices to promote health promotion and disease prevention effectively.



Integrate Ayurveda with evidence-based medical practices for holistic healthcare

Foster research and practice that harmonizes traditional Ayurveda with modern scientific validation.



Promote research-oriented training to align education with global health goals

Encourage investigative learning approaches to prepare educators and students for innovative healthcare solutions.



Include community representatives to ensure societal relevance of educational goals

Engagement with the community enriches curriculum relevance and strengthens social accountability of the institution.



Leverage alumni insights to bridge academic learning with practical healthcare needs

Alumni participation provides valuable feedback linking academic programs to real-world Ayurveda practice challenges.

Drafting Vision and Mission Statements Aligned with SDGs

Using Ajurveda goals to SDG 3 and SDG 4 targets



Policy Alignment for Ayurveda Education Compliance

Ensuring adherence to NCDDEI, National & Global Health Policies

Policy / Framework	Relevance	Key Compliance Areas
NCDDEI Guidelines	Competency-based Ayurveda education	Curriculum design, teaching standards, assessment methods
National Health Policy 2017 (NHP)	Healthcare service delivery standards	Quality patient care, health promotion, prevention services
National Education Policy 2020 (NEP 2020)	Education reforms and inclusivity	Modern teaching methods, lifelong learning, research-orientation
WHO Traditional Medicine Strategy	Global health systems integration	Evidence-based Ayurveda practice, global health collaboration

Validation and Feedback for Statement Refinement

Collaborative review ensures clarity, relevance, and feasibility



Internal Validation

Engagement through faculty councils, academic committees, and IBC/C ensures rigorous internal review.



External Validation

Input from alumni, industry experts, healthcare professionals, and academic peers broadens perspective.



Refinement Objectives

Language is refined to achieve conciseness, achievability, and relevance in all statements.



Collaborative Review

Multi-stakeholder feedback fosters comprehensive and evidence-based statement validation.

Strategies to Implement SDG Goals

Aligning Ayurveda Teaching with SDG 3 & 4

SDG 4: Quality Education

SDG 3: Good Health

KPIs for Monitoring Quality Education and Health Outcomes

Key Performance Indicators aligned with SDG 3 & SDG 4 for institutional reporting

1

Metrics include student academic results, staff certification rates, and research output volume to assess quality education delivery comprehensively.

2

Tracking levels of faculty engagement in professional development ensures continuous improvement in teaching quality and academic standards.

3

Regular surveys capture patient feedback, reflecting the effectiveness and quality of health services aligned with SDG 3 objectives.

4

Counting the number of population initiatives launched helps evaluate efforts in promoting health, awareness, and disease prevention.

5

Measuring the extent of diagnostic service integration with clinical care improves patient outcomes and service efficiency.

6

Progress is documented yearly through reports enriched with graphs, histograms, and detailed evaluations to ensure transparency and accountability.



**Embrace your role
as catalysts—
integrate, lead, and
sustain SDG-driven
excellence in
Ayurveda education
today.**

Empowering Ayurveda teachers is an ideal vision and mission aligned with SDG 3 and SDG 4 through innovative teaching and community leadership.



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ACADEMIC 5

10. Aligning Ayurveda Academic Achievements with SDG 4



Aligning Ayurveda Academic Achievements with SDG 4

Orientation for educators on enhancing student outcomes and quality education

1 Defining Student Academic Achievements

2 Data Collection & Validation Methods

3 Categorizing Achievements for SDG 4

4 Documentation & Reporting Practices

5 Review and Continuous Improvement

6 Best Practices in Enhancing Teaching

7 Conclusion & Next Steps

Defining the Scope of Student Academic Achievements

Comprehensive evidence of student success in key areas academics

1 University results, ranks, and awards

Includes examination scores, class ranks, and official academic awards.

2 Participation in conferences and competitions

Engagement in academic events and contests showcasing skills.

3 Scholarships and fellowships earned

Financial aid awarded for academic merit and research potential.

4 Success in competitive examinations

Achievements in exams like JNTU NET, UPTC, and PG entrance tests.

5 Presentations and publications

Students presenting papers or posters at academic forums and journals.

6 Innovation projects and patents

Development of novel ideas leading to patents and project recognition.

Systematic Data Collection of Student Achievements

Ensuring accurate evidence gathering for
academic progress and quality

Collect Comprehensive Records

Departments gather exam results, certificates, and participation proofs.



Encourage Student Portfolios

Promote maintaining certificates, abstracts, and research outputs.



Faculty Oversight Importance

Ensure accuracy and completeness via faculty and student collaboration.



Enhance Data Reliability

Robust collection enables reliable measurement of educational quality.



Support Transparent Reporting

Collected data strengthens credibility in academic achievement claims.



Categorizing Student Achievements for Reporting

Digestive achievements to enhance educational reporting and analysis



Curricular Achievements

Includes examinations and academic honors



Research Output

Encompasses publications and presentations



Innovation Projects

Covers projects and patent filings



Professional Growth

Scholarship, fellowships, and awards



Streamlined Reporting

Facilitates straightforward data analysis



SOI & Alignment

Maps achievements to education goals



Focused Skill Development

Identifies areas for students' growth



Strategic Planning

Supports targeted educational improvements

Effective Reporting of Academic Achievements

Structured documentation for quality assurance and academic excellence

1

Detailed Listings

Departments must document achievements by year, type, and level from institutional to international standards for clarity.

2

Supporting Evidence

Include certificates, photographs, and abstracts to verify and substantiate reported academic accomplishments effectively.

3

Trend Analysis

Analyze yearly trends such as number of achievers, rank improvements, and participation growth to track progress over time.

4

Outcome Reporting

Highlight outcomes like enhanced academic viability, improved employability, and contributions to research and innovation.

5

Use Case Applications

Reports support annual departmental reviews, IQAC documentation, and NAAC/DCI accreditation submissions.

6

Purpose Clarity

Demonstrate teaching-learning effectiveness and emphasize mentoring, remedial, and skill development impacts clearly.

Analyzing Trends in Student Academic Achievements

Tracking growth, rank, participation, and outcomes



Track annual achiever numbers

Monitor the yearly count of high-achieving students to detect patterns of growth or decline in academic performance.



Monitor rank and award improvements

Evaluate changes in students' ranks and awards over time to understand progress in competitive academic standings.



Assess participation in research activities

Analyze student involvement in research presentations and competitions to identify levels of engagement in scholarly work.



Measure outcomes in employability and research

Examine how student achievements translate into enhanced employability and contribution to research outputs.

Review and Continuous Improvement in Ayurveda Education

Driving academic excellence through data-driven strategies and mentorship.



Academic Committee Evaluates Achievement Data
The Committee Identifies Strengths Like Consistent University Rank And Areas Needing Support Such As Low Research Participation.



Targeted Strategies Enhance Research Involvement
Initiatives Include Promoting Research Participation And Organizing Students Competitions To Boost Engagement.



Workshops And Mentorship Support Skill Development
Writing Workshops And Mentorship For Competitive Exams Foster Continuous Educational Improvement.

Innovative Strategies for Ayurveda Educators

Enhancing teaching impact and student outcomes with best practices



Student Portfolios

Promote student academic portfolios to systematically document achievements and track progress for better educational outcomes.



Interdisciplinary Research

Foster interdisciplinary research and innovation projects to broaden knowledge and encourage creative solutions in Ayurveda education.



Mentorship Programs

Integrate mentorship programs focused on competitive exam preparation such as AIUM NET and UPSC to support student success.



Academic Forums

Encourage active participation in national and international academic forums to enhance exposure and professional networking.



Data Analytics

Utilize data analytics to personalize student support and enable informed curriculum adjustments for improved learning outcomes.

KPIs for Tracking Academic Success in Ayurveda Education

Measuring teaching impact and student achievements effectively

■ Tracking students awarded university ranks and academic honors annually

Monitoring the number of students achieving prestigious university ranks and awards each year helps evaluate the effectiveness of teaching and student dedication.

■ Assessing research publication volume and presentation quality

Evaluating both the quantity and quality of research outputs ensures academic rigor and promotes scholarly contributions within Ayurveda education.

■ Measuring participation in academic contests and innovation projects

Participation rates in competitions and innovation initiatives reflect student engagement and the encouragement of creative problem-solving skills.

■ Evaluating scholarship recipients and employability improvements

Tracking the number of scholarships awarded alongside employability and further study placement trends indicates educational impact and career readiness.

Conclusion and Next Steps for Ayurveda Educators

Summary and actions to enhance Ayurveda education through achievement tracking





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ACADEMICS

11. ASSESSMENT STRATEGIES FOR QUALITY EDUCATION



ASSESSMENT STRATEGIES FOR QUALITY EDUCATION

Orientation for Ayurveda Teachers on SDG 4 Alignment



Understand Assessment Frameworks

Learn the structure and purpose of assessment systems to improve teaching effectiveness and learning outcomes.



Collect and Analyze Data

Systematically gather and interpret assessment data to identify student progress and areas needing improvement.



Improve Curriculum Delivery

Use assessment insights to refine teaching methods and enhance curriculum relevance for Ayurveda education.



Align with SDG 4 Goals

Ensure assessment practices support Sustainable Development Goal 4 for quality and inclusive education.

UNDERSTANDING FORMATIVE AND SUMMATIVE ASSESSMENTS IN EDUCATION

Key assessment types essential for effective learning and SOG 4 alignment.



Formative assessments monitor ongoing student learning. These assessments include class tests, quizzes, assignments, viva, OSCE/OSPE, and case presentations to provide continuous feedback during instruction.



Summative assessments evaluate overall student achievement. Examples include mid-term exams, semester-end exams, and university examinations assessing competency at the end of an instructional period.



Timely feedback guides remedial actions. Formative assessments offer direct, prompt feedback to help teachers and students identify learning gaps and apply corrective measures effectively.



Both assessments provide evidence of learning and teaching quality. Formative and summative assessments collectively demonstrate student competency acquisition and teaching effectiveness, supporting quality education aligned with SOG 4.

PLANNING THE ASSESSMENT FRAMEWORK FOR AYURVEDA EDUCATION

Key steps to align assessment with curriculum and DCC 14 standards

1

Set clear objectives for assessments
Define goals for formative and summative evaluations

2

Choose assessment methods for Ayurveda
Select methods suited to Ayurveda education context

3

Develop detailed rubrics and criteria
Standardize evaluation with clear rubrics

4

Align assessments with curriculum outcomes
Integrate assessment planning with teaching goals

5

Ensure compliance with quality standards
Meet traditional and DCC 14 standards

6

Foundation for reliable data collection
Effective planning enables meaningful analysis

SYSTEMATIC DATA COLLECTION IN STUDENT ASSESSMENTS

Organized methods for tracking formative and summative data

Continuous recording of student performance



Maintain ongoing records of student achievements using assessment registers or digital platforms to ensure comprehensive tracking of learning progress.

Use of detailed rubrics for feedback



Apply clear and specific rubrics to gather both qualitative and quantitative feedback, enhancing the accuracy of formative assessments.

Faculty comments for actionable insights



Incorporate instructor remarks to provide meaningful, constructive feedback that guides student improvement and teaching adjustments.

Compilation of official examination results



Aggregate university or college-exam outcomes systematically to reflect summative assessment performance accurately.

Maintaining grade distributions and statistics



Keep detailed records of grade distributions and statistical data to analyze overall student performance and assessment efficacy.

ANALYZING AND INTERPRETING ASSESSMENT RESULTS IN AYURVEDA EDUCATION

Key insights from formative and summative assessments for quality improvement.

Identify learning gaps and difficulties
Highlight areas where students struggle

Track individual student progress
Monitor development patterns over time

Inform immediate remedial actions
Create study interventions for students

Analyze pass and distinction rates
Evaluate student performance metrics

Compare results across subjects and years
Assess trends by batches and academic years

Evaluate curriculum and teaching methods
Assess effectiveness of educational strategies

DOCUMENTATION AND REPORTING OF ASSESSMENT OUTCOMES

Key Elements for Transparent and Effective Assessment Reports



Include tabulated results of formative and summative assessments.

Presenting clear, organized tables of assessment scores ensures systematic tracking of student progress over time.



Provide comparative analysis by subject, academic year, and remedial interventions.

Comparing data across various parameters highlights trends and the impact of remedial actions on student performance.



Use graphical representation to illustrate performance trends effectively.

Graphs and charts visually demonstrate improvements or declines, aiding quick interpretation of assessment data.



Document actions taken (e.g., remedial classes and teaching adjustments).

Recording interventions like mentoring and method changes supports accountability and guides future teaching strategies.



Maintain thorough documentation to support transparency and informed decision-making.

Comprehensive reports foster trust among stakeholders and enable data-driven academic planning and policy formulation.

IMPLEMENTING FEEDBACK AND CONTINUOUS IMPROVEMENT CYCLES

Enhancing teaching quality through ongoing assessment and feedback.



Utilize formative assessment insights promptly. Identify weak areas early and implement remedial interventions for immediate improvement.



Leverage summative data for curriculum reform. Use summative results to guide long-term curriculum and teaching strategy revisions.



Promote continuous teacher-student feedback. Encourage ongoing dialogue between teachers and students to foster a learning culture.



Monitor remedial action effectiveness. Assess the impact of interventions through follow-up assessments to ensure progress.

STRATEGIC ROLE OF ASSESSMENTS IN ACHIEVING SDG

4

How assessments support quality education and equity in Ayurveda teaching



Provide measurable evidence for quality education

Assessments offer quantifiable data that support tracking progress toward achieving quality education targets under SDG-4.



Enable competency-based learning aligned globally

They drive competency-based learning approaches that are aligned with international education standards, ensuring relevance and skill development.



Support data-driven policy in Ayurveda education

Assessments empower policy makers and educators to make informed decisions regarding curriculum and governance in Ayurveda education.



Promote equity by addressing learner needs

By identifying individual learning gaps, assessments foster equity and inclusiveness, ensuring no learner is left behind.

BEST PRACTICES FOR AYURVEDA ASSESSMENT

Key methods for effective and fair student evaluation in Ayurveda



Varied Assessments

Design diverse formative assessments covering clinical and theoretical skills.



Transparent Records

Maintain clear records and rubrics to ensure fairness and accountability.



Constructive feedback

Provide timely, helpful feedback to support student learning growth.



Collaborative Standardization

Work with peers to standardize assessments and share best practices.

ELEVATING ASSESSMENT FOR QUALITY AYURVEDA EDUCATION

Key strategies to enhance Ayurveda teaching and learning outcomes





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12. AYURVEDA TEACHING AND SCHOLARSHIP ALIGNED WITH SDGs



Orientation on Scholarship Alignment with SDG 4 & SDG 10

Empowering Ayuhada educators to implement inclusive and equitable scholarships



Clear Objective

Equip Ayuhada teachers with SDG knowledge



Focused Goals

Inclusive education and
inequality reduction



Target Audience

Educators involved in
scholarship implementation



Expected Outcome

Confidence in scholarship
monitoring and reporting

Scholarships Aligning with SDG 4 & SDG 10

Promoting equitable and quality Ayurveda education through targeted scholarships.



Inclusive Education

Scholarships ensure inclusive, equitable, and quality education accessible to all students, supporting the goals of SDG 4.



Reducing Inequalities

Financial aid targets socio-economic barriers by supporting economically weaker and socially disadvantaged groups, in line with SDG 10.



Policy Alignment

Scholarships follow national and state policies, including merit-cum-means and research fellowships, ensuring structured support for students.



Academic Success

The core aim is that financial constraints never hinder academic achievement, enabling students to excel in Ayurveda education.

Identifying Need and Eligibility for Scholarships

Clear criteria ensure fair and targeted scholarship allocation

Assess student socio-economic backgrounds

Evaluate financial status

Consider academic performance and research potential

Merit-based assessment

Define eligibility based on economic status

Low-income focus

Align criteria with government policies

Policy compliance ensured

Include social categories in criteria

SC/ST/OBC and minorities

Ensure transparency and fairness in framing

Clear and equitable process

Awareness and Communication Strategies for Scholarships

Effective methods to inform, engage students about scholarships



Inform Students Early

Use orientation sessions and mentor-mentee meetings to introduce students to available scholarship opportunities at the beginning of their academic journey.



Utilize Institutional Channels

Distribute scholarship information via circulars, notice boards, and institutional websites to ensure consistent and visible communication across the campus.



Appoint Dedicated Coordinators

Assign administrative or faculty coordinators responsible for guiding students and addressing their queries about various scholarship schemes effectively.



Ensure Inclusivity

Make sure every eligible student, regardless of background, is aware of government, private, and institutional scholarship opportunities available to them.



Multichannel Communication

Employ multiple communication platforms to maximize outreach and inclusivity, reducing information gaps and improving scholarship uptake.

Effective Scholarship Process Implementation

Ensuring transparency and fairness in scholarship
allocation

Support students in accurate application filing

Guidance on completing forms

Assist in preparing essential documents

Income, bank certificates, mark sheets

Verify eligibility and false with funding agencies

Coordinate government and private bodies

Maintain transparency and timeliness throughout process

Clear and prompt procedures

Ensure bias-free allocation aligned with SDG 10

Promote equality and inclusion

Monitoring and Tracking Scholarship Outcomes

Ensuring effective scholarship impact through data-driven oversight

Scholarship Register

Maintain a detailed database including student details, scholarship type, amount, and year for accurate record-keeping.



Periodic Reviews

Conduct regular meetings to evaluate beneficiary numbers, fund disbursement timeliness, and institutional support needs.



Data Utilization

Use collected data to identify gaps in processes and implement improvements for better scholarship outcomes.



Impact Measurement

Employ a data-driven approach to ensure funds reach recipients and measure the scholarship's effectiveness.



Reporting Scholarship Impact and Outcomes

Annual analysis showcasing scholarship effectiveness and student success.



Annual
Reports



Scholarship
Categories



Impact
Metrics



Success
Stories



SDG
Contributions

Feedback and Continuous Improvement Cycle

Enhancing scholarship programs through beneficiary feedback and sustainable strategies



Best Practices for Ayurveda Teachers in Scholarship Alignment

Effective strategies for educators to support Ayurveda student scholarships



Integrate scholarship details into academic mentoring

Embed scholarship information within advising and mentoring sessions to ensure students are well-informed about available funding opportunities.



Maintain updated and accessible scholarship databases

Keep a current database of scholarships to facilitate easy tracking and timely dissemination of information to Ayurveda students and staff.



Foster clear communication among all stakeholders

Establish strong communication channels between students, advisors, and funding bodies to streamline scholarship processes and resolve issues efficiently.



Promote inclusivity by engaging marginalized groups

Actively reach out to marginalized communities to ensure equitable access to scholarships and address any barriers faced by underserved Ayurveda students.

Conclusion and Action Plan for Scholarship Alignment

Key steps to enhance Ayurveda scholarships and teacher involvement

1



Scholarships promote Inclusive Ayurveda education aligned with SDG 4 and SDG 10

Scholarship programs are essential tools to foster equity and inclusion in Ayurveda education, supporting Sustainable Development Goals focused on quality education and reduced inequalities.

2



Teachers play a crucial role in all scholarship program stages

Teachers must actively engage in identifying needs, setting outcomes, implementing, monitoring progress, and reporting outcomes for effective scholarship management.

3



Data-driven approaches improve scholarship impact and sustainability

Using data to demonstrate program effectiveness supports advocacy for continuous improvement and helps establish feedback loops for long-term scholarship success.

4



Empower students through collaboration and timely scholarship access

Collaborating with coordinators and administrators ensures students are informed and supported to access scholarship opportunities, removing financial barriers to success.



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13. LITERARY ACTIVITIES ALIGNED WITH SDG 4



Integrating Literary Activities with SDG

Nithin Krishnan



Understanding Literary Activities and Their Alignment with SDG

4

Understanding Literary Activities and Their Alignment with SDG 4



Literary activities include academic writing and creative expression.

These activities cover research papers, essays, poetry, blogs, journals, and magazine contributions.



Foster critical thinking, scholarly communication, innovation, and holistic learning.

Literary activities develop essential cognitive and communication skills alongside creativity.



Directly support SDG 4 by promoting quality, inclusive, and equitable education.

They align with Sustainable Development Goal 4, a core educational goal and priority for all.



Our focus on analytical writing skills and creative self-expression.

This approach equips students with rigorous academic skills and holistic creativity.

Planning and Defining the Scope of Literary Activities

Planning and Defining the Scope of Literary Activities

1

Establish a comprehensive scope covering academic writing and creative expressions.

Includes research papers, essays, reviews, conference proceedings, poetry, short stories, debates, skits, essay competitions, and magazines.

2

Purpose is to ensure balanced skill development in literary scholarship and creativity.

Focuses on fostering both analytical and creative competencies among participants.

3

Define clear objectives aligned with curriculum and institutional goals.

Objectives should support educational frameworks and enhance learning outcomes.

4

Emphasize inclusivity by encouraging multilingual and diverse participation.

Promotes participation from various linguistic and cultural backgrounds to enrich literary activities.

Curriculum Integration and Annual Literary Planning

Curriculum Integration and Annual Literary Planning

• Annual

Design annual literary calendars with diverse activities

Includes students writing workshops, journal clubs, debate competitions, creative writing contests, and student magazine publications.

• Aligned with

Themes linked to Ayurveda, health sciences, diagnostics

Ensures literary activities supplement students' disciplines for deeper subject knowledge.

• Aligned with

Integration of ethics, sustainability, culture

Promotes cross-disciplinary thinking and broader awareness through thematic alignment.

• Ongoing benefit

Strengthens subject knowledge and awareness

Enhances academic rigor and supports student development in multiple dimensions.

• Ongoing benefit

Encourages cross-disciplinary thinking

Facilitates integration of diverse academic perspectives and critical thinking skills.

• Reports on

Focus on sustainability and ethics

Aligns literary activities with Sustainable Development Goal 4 (to

Includes students writing portfolios, journal clubs, debate competitions, creative writing contests, and student magazine publications.

• Aligned with

Themes linked to Ayurveda, health sciences, diagnostics
Encourages literary activities supplement academic disciplines for deeper subject knowledge.

• Aligned with

Incorporation of ethics, sustainability, culture
Promotes cross-disciplinary thinking and broader awareness through thematic alignment.

• Degree level

Strengthens subject knowledge and awareness
Enhances academic rigor and supports student development in multiple dimensions.

• Degree level

Encourages cross-disciplinary thinking
Facilitates integration of diverse academic perspectives and critical thinking skills.

• Supports SD

Focus on sustainability and ethics
Aligns literary activities with Sustainable Development Goal 4 to foster responsible education.

Curriculum Integration and Annual Literary Planning

Curriculum Integration and Annual Literary Planning

Implementation: Platforms and Guidance for Student Engagement

Implementation: Platforms and Guidance for Student Engagement

Faculty mentoring plays a vital role by encouraging participation and training students in research methodology, referencing, and academic integrity. Mentoring ensures academic and ethical standards while fostering student development.



Mentors foster creative expression and critical analysis among students.

The guidance supports deeper intellectual engagement and academic growth.

Provide diverse platforms for student engagement including national essay competitions, poster presentations, institutional magazines, and online literary clubs with digital expansion.



Offering multiple avenues encourages broad participation and nurtures various forms of literary expression.



Promotion of multilingual and inclusive participation ensures equitable access aligned with SDG 4 industry goals.

Encouraging diverse language use supports inclusivity and broader participation.

Evaluation and Recognition of Literary Activities

Evaluation and Recognition of Literary Activities

1. Evaluation based on published outputs, competition participation, and student feedback.

Assessments include essays, magazines, newspapers, awards from competitions, and reflective form reviews to gauge literary activity levels.

2. Formal recognition through certificates, awards, and publications.

Partnerships with external organizations, awarding prizes, and showcasing accomplishments in official publications.

3. Recognition motivates broader student participation.

Acknowledging efforts encourages more students to engage actively in literary activities and competitions.

4. Enhances student confidence and skills.

Recognition supports personal growth by validating achievements and developing literary competencies.

5. Demonstrates institutional commitment to quality education.

Recognition systems reflect the institution's dedication to fostering academic excellence and holistic student development.

Reporting Literary Activities: Data and Documentation

Key reporting components

Reporting Components

Details

Literary Events

List of annual academic and creative events

Participants

Number of student and faculty participants

Publications

Journals, magazines, conference proceedings

Achievements

Awards, recognitions, invited contributions

Outcomes

Improved writing skills, creativity, student confidence

Supporting Evidence

Invitations, event photographs, certificates, copies of publications

Purpose

Increase transparency and support accreditation (NSAC, COC, IGAC)

Continuous Review and Improvement Cycle

Continuous Review and Improvement Cycle



Strategic Insights and Recommendations for Educators

- **Combine academic rigor with creative freedom to foster holistic student growth.**

Encouraging both structured learning and creative exploration enhances overall student development.

- **Align library activities with curriculum and broader sustainability themes to design relevance.**

Integrating sustainability topics with broader themes increases engagement and awareness.

- **Leverage faculty mentorship to guide research integrity and creative expression.**

Faculty guidance ensures high standards in both scholarly research and creative work.

- **Promote multilingual and inclusive participation to fulfill SDG 4 equity goals.**

Encouraging diverse language use supports equity and inclusiveness in education.

- **Use ritual evaluation and reporting to motivate engagement and support accreditation processes.**

Systematic evaluation strengthens program quality and promotes innovation.

- **Embrace digital tools to expand outreach and adapt to modern learning environments.**

Digital technologies increase accessibility and modernize educational delivery.



Commit to fostering literary environments that nurture confident, skilled, and socially aware learners.



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14. CURRICULAR REVISION ALIGNED WITH SDG 4



Curricular Revision Aligned with SDG 4: Ensuring Quality Education



Assessing Needs and Identifying Gaps in the Curriculum

Assessing Needs and Identifying Gaps in the Curriculum



Periodic curriculum review utilizes multiple data sources.

Review data from all available sources, including but not limited to, survey findings, stakeholder input, and student performance assessment results.



Incorporates employability trends to maintain relevance.

Considered all relevant industry trends and emerging job market demands to address student employability.



Benchmarked against national frameworks such as NCFE, NSRF 2020, and UGC.

Ensures alignment with established national educational standards and policies.



Considers international educational trends for global competitiveness.

Curriculum benchmarked with global best practices to ensure international relevance.



Objective is to keep the curriculum relevant, locally contextual, and globally competitive.

Aims to balance local needs with global standards for comprehensive educational quality.

Engaging Stakeholders for Inclusive Curriculum Development

Engaging Stakeholders for Inclusive Curriculum Development



Collect inputs from diverse groups including students, faculty, alumni, industry partners, healthcare providers, and external experts.

This ensures a comprehensive perspective for curriculum enrichment and innovation.

Identify areas for enrichment, innovation, or restructuring based on stakeholder feedback.

Conduct an ongoing curriculum improvement aligned with real-world needs.

Ensure the curriculum reflects real-world needs and promotes industry.

Align educational content with diverse learner needs and societal demands.

Align curriculum development with EDC 4 principles emphasizing lifelong learning and employability.

Pursue sustainable development goals through education focused on skills and continued growth.

Designing the Revised Curriculum: Objectives and Competencies

Designing the Revised Curriculum: Objectives and Competencies

Updating learning objectives to reflect current and future needs.

Address the current and future needs of the workforce.

Including new competencies, removing outdated content.

Ensure the curriculum is up-to-date and relevant.

Incorporating innovative teaching methods, including problem-based learning, simulation, ICT-enabled strategies, and interdisciplinary exposure.

Use innovative teaching methods to enhance learning and critical thinking.

Mapping curriculum components to Program Outcome (POs), Course Outcome (COs), and Graduate attributes.

Ensure the curriculum is aligned with the program and course outcomes.

Adding value through skill certifications, research training, entrepreneurship, and professional ethics.

Provide additional training and development opportunities.

Focus on academic rigor and measurable quality standards.

Ensure the curriculum meets the highest standards of quality.



Approval and Implementation of Revised Curriculum

Key steps for smooth curriculum integration and faculty readiness

1. Formal approval secured from multiple academic bodies

The revised curriculum was approved by the Department Curriculum Committee, School Academic Council, and the offering university.

2. Faculty orientation and training conducted before implementation

Departmental faculty holding sessions were organized to provide resources for delivering the new curriculum effectively.

3. Preparation of updated teaching-learning materials

New learning resources and materials were developed and aligned to the revised curriculum objectives and content.

4. Assessment strategies restructured for better evaluation

Assessment methods were redesigned to accurately measure student learning outcomes under the revised curriculum.

Monitoring and Evaluating Curriculum Impact

Assessing learning outcomes and continuous curriculum improvement



Assessment Areas

Focus on learning, employability, research performance



Feedback Loops

Faculty and student evaluations, peer-review articles



Purposes

Create awareness and build support for the work



Performance Data

Analyses and narratives for informed decisions

Documentation and Reporting for Transparency and Accountability

Minutes of curriculum revision committee meetings

Recorded discussions and actions on curriculum changes

Stakeholder feedback archives

Collected input from students, faculty, and other stakeholders

Drafts and finalized syllabus content

Versions affecting syllabus evolution and approval

Curriculum mapping to POs COs and SDC 4 targets

Alignment with program outcomes, course outcomes, and Sustainable Development Goal 4

Evidence of implementation

-Lesson plans - Revised assessments - Faculty training reports

Outcome analysis

-Improved results - Skill acquisition - Research participation - Student satisfaction

Ensuring Continuous Review and Future Readiness

Ensuring Continuous Review and Future Readiness

• Every 3-5 yr

Curriculum review conducted as a cyclical process

Curriculum review is scheduled regularly every 3 to 5 years or adjusted as per policy item ends to ensure ongoing relevance.

• Ongoing

Integration of emerging educational areas

Incorporation of new topics such as digital health, research methodology, artificial intelligence in healthcare, and interdisciplinary collaborations.

Strategic Recommendations for Policy Makers

- 1. Institutionalize data-driven curricular review processes leveraging comprehensive stakeholder engagement and benchmarking of national and global standards.**

This ensures curricular updates are informed by evidence base and aligned with best practices worldwide.

- 2. Promote innovative teaching and assessment methodologies.**

Encouraging new and tested approaches learning outcomes and assess educational outcomes.

- 3. Strengthen mechanisms for monitoring, evaluation, and reporting.**

Robust monitoring framework, transparency, and quality assurance implementation in education.

- 4. Encourage inclusion of emerging fields in future-proof education.**

Integrating new disciplines/professional studies for evolving industries and technological advances.

- 5. Foster continuous professional development for faculty.**

Ongoing training ensures educators remain skilled and effective in delivering quality education.

- 6. Align policies to support cyclical revisions for sustained educational excellence.**

Regular policy updates maintain curriculum relevance and uphold high educational standards.



Embrace cyclical curricular revision to drive lifelong learning and sustainable educational outcomes.



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15. INTERDISCIPLINARY COURSES ALIGNING WITH SDGs



INTERDISCIPLINARY & INTERDEPARTMENTAL COURSES ALIGNED WITH SDGS

Interdisciplinary & Interdepartmental Courses Aligned with SDGs

Nathan Krautman



COLLABORATIVE PLANNING & PARTNERSHIP BUILDING

Step 1: Need assessment and the identification

Step 2: Collaborative Planning & Partnership Building

Faculty from multiple departments collaboratively design course objectives, learning outcomes, modules, and teaching methods. The interdisciplinary collaboration ensures comprehensive and cohesive course development.

1

External experts from industry, research, and other health sciences are involved to provide broader perspectives. Incorporating diverse expertise enriches course content and relevance.

2

The process directly supports SDG 17 by fostering partnerships and shared ownership of knowledge across institutions and sectors. Building strategic partnerships enhances resource sharing and collective impact toward sustainable development goals.

3

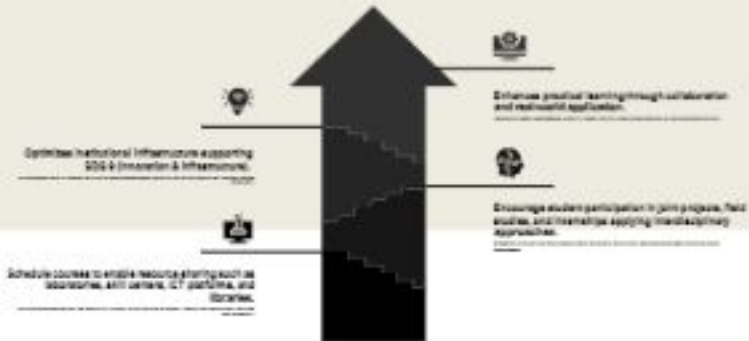
INNOVATIVE COURSE DESIGN PRINCIPLES

Course Design: Blending Perspectives & Pedagogies

- 1** Integrate multiple perspectives combining traditional knowledge, modern science, theory, practice, academia, and industry. This approach ensures a balanced curriculum that bridges foundational and contemporary insights.
- 2** Co-teach modules by faculty from different departments to provide diverse expertise. Cross-departmental teaching exposes students to a broad range of academic and practical insights.
- 3** Employ innovative pedagogies including problem-based learning, interdisciplinary case studies, simulation exercises, and collaborative projects. These methods actively engage students and develop critical thinking and teamwork skills.
- 4** This course design enriches learning, fosters creativity, and prepares students for complex real-world problems, aligning with Sustainable Development Goals, to equip learners to address multifaceted global challenges.

IMPLEMENTATION: RESOURCE SHARING & STUDENT ENGAGEMENT

Implementation: Optimizing Resources & Engaging Students



ASSESSMENT & CERTIFICATION STRATEGIES

Assessment & Certification: Measuring Integration & Innovation

Design evaluations to capture integration of knowledge across disciplines.

Assessments should reflect the ability to synthesize information from multiple fields, promoting interdisciplinary understanding.

Include teamwork and collaboration as key assessment criteria.

Evaluations must measure students' ability to work effectively in teams, reflecting real-world collaborative environments.

Assess creativity and problem-solving skills.

Focus on evaluating innovative thinking and the capacity to solve complex problems authentically.

Move beyond recall-based testing to authentic assessment methods.

Shift from traditional memorization tests to evaluations that simulate real-world challenges and skills application.

Issue joint certifications from participating departments or external partners.

Collaborative certification enhances credibility and increases the value of credentials for students in interdisciplinary programs.

REPORTING REQUIREMENTS FOR INTERDISCIPLINARY COURSES

Reporting & Documentation for accountability

Reporting Aspect	Details
Interdisciplinary Courses	Annual list of interdisciplinary/interdepartmental courses conducted
Course Information	Objectives, content, and expected learning outcomes
Faculty & Collaborators	Faculty and departments involved, including external collaborators
Student Data	Student participation statistics and feedback
Innovation Evidence	Projects, research output, publications, patents
Outcomes	Skill enhancement, employability, collaborative research opportunities

REVIEW & CONTINUOUS IMPROVEMENT FOR SUSTAINABILITY

Review & Improvement: Ensuring Course Sustainability



- Analyze feedback from students, faculty, and industry stakeholders to refine courses.
- Collecting and evaluating diverse feedback ensures courses meet educational and industry standards effectively.
- Integrate emerging themes to keep courses future-ready, such as artificial intelligence in healthcare.
- Integrating cutting-edge topics like AI prepares students for innovations in healthcare sectors.
- Incorporate integrative medicine to broaden interdisciplinary knowledge.
- Including integrative medicine fosters a holistic approach to health education aligned with sustainable development goals.
- Embed sustainable health practices within course content.
- Promoting sustainable health practices supports environmental and societal wellbeing through education.
- Leverage digital innovations to enhance learning and relevance.
- Digital tools and innovations increase engagement and ensure course content remains contemporary and impactful.
- Continuous evolution strengthens course relevance and institutional impact.
- Ongoing course improvement aligns education with evolving global challenges and sustainability objectives.

STRATEGIC ALIGNMENT WITH SUSTAINABLE DEVELOPMENT GOALS

Strategic alignment with SDGs

SDG	Focus Area	Course Impact
SDG 4	Quality Education	Creates disciplinary skills, holistic learning
SDG 9	Innovation & Infrastructure	Utilizes shared labs, ICT, infrastructure
SDG 17	Partnerships	Encourages collaboration within and beyond campus



**ENCOURAGE YOUR INSTITUTION TO
INTEGRATE INTERDISCIPLINARY
COURSES STRATEGICALLY,
LEVERAGING SDG ALIGNMENT TO
ENHANCE ACADEMIC QUALITY,
INNOVATION, AND PARTNERSHIPS.**

Conclusion & Next Steps



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16. Integrating Cross- Cutting Issues with SDGs



Integrating Cross- Cutting Issues with SDGs: An Overview

Nishu Krishnan



Step 1: Identifying Priority Cross-Cutting Issues

1. Departments must identify relevant themes for healthcare and education.

Key themes include medical ethics, research integrity, patient rights, environmental sustainability, gender equity, legal compliance, and social justice.

2. Themes to be mapped to institutional values.

Ensures alignment with the core principles and mission of the institution.

3. Themes to be mapped to global SDG priorities.

Aligns organizational focus with internationally recognized sustainability and regulatory goals.

4. Identification of themes covers ethical, social, and environmental aspects.

This includes medical ethics, patient rights, social justice, and environmental sustainability in healthcare.

5. This foundational step ensures relevance and strategic alignment.

Guidelines p. 244 for compliance and strategic planning across departments.

Step 2: Embedding Cross-Cutting Issues into Curriculum

Step 2: Embedding Cross-Cutting Issues into Curriculum

Cross-cutting issues should be integrated across courses, not isolated in standalone lectures.

Embedding these topics throughout the curriculum reinforces understanding and commitment to cross-cutting issues.

Integration examples include ethics in clinical practice and case discussions.

Embed cross-cutting issues within clinical and research training opportunities.

1

2

3

4

5

Multiple exposures reinforce ethical and social values consistently.

Repeated exposure strengthens understanding and commitment to cross-cutting issues.

Gender sensitivity is included in gynecology, psychology, and sociology modules.

Addressing gender issues across diverse disciplines fosters equity and awareness.

Environmental sustainability is incorporated in pharmacology (green pharmacy) and community medicine.

Focus on sustainable practices, climate health, and social subjects promote environmental stewardship.

Step 3: Program Design and Implementation

1

Incorporate structured, hands-on activities to deepen understanding.

Use interactive methods such as workshops, seminars, debates, peer reviews, field visits, awareness campaigns, student projects, and role-play to engage participants.

2

Workshops and seminars focusing on specialized topics like bioscience in clinical research.

Deliver focused sessions that provide in-depth knowledge on key subject areas relevant to the program.

3

Engage learners through debates and guest lectures.

Facilitate virtual training and exposure to expert perspectives to enrich the learning experience.

4

Organize field visits and awareness campaigns such as hospital waste management.

Facilitate real-world exposure and promote awareness on practical issues aligned with program goals.

5

Incorporate student projects and role-plays focusing on patient rights and responsibilities.

Encourage active participation and gradual application of knowledge through immersive activities.

6

Transform abstract principles into practical knowledge through these approaches.

Ensure that theoretical concepts are effectively internalized by applying them in hands-on scenarios.

Step 4: Assessment and Evaluation Strategies

Incorporate diverse evaluation methods to maintain academic rigor.

Examples include written & written assignments, case reports and presentations, and other case evaluations.

Use faculty observation records during clinical and community programs.

This assesses the practical application of learned skills in real-world environments.

Emphasize the importance of cross-cutting issues within assessments.

Assessment strategies highlight the integral role of cross-cutting issues in education.

Step 5: Reporting Requirements for NAAC Compliance

Class-coding programs/activities

List with names, dates, resource persons

Course-level program evidence

Lesson plans, CO-PO mapping, assessment rubric

Student participation

Minutes and feedback

Course-level evidence

Improved critical reasoning, enhanced environmental awareness, increased gender sensitivity

Supporting evidence

Photos, brochures, certificates, reflection logs

Submission

Annual submission to CoC/NAAC demonstrating institutional commitment

Strategic Alignment: Cross-Cutting Issues & Sustainable Development Goals

Strategic Alignment: Cross-Cutting Issues & SDGs

Cross-Cutting Issue	Relevant SDG(s)	Impact Area
Quality Education	SDG 4	Inclusive, equitable education
Peace, Justice, Institutions	SDG 16	Ethical governance, justice
Environmental Sustainability	SDG 13, SDG 14	Climate action, responsible consumption
Gender Sensitivity	SDG 5	Gender equality
Responsible Citizenship	SDG 17	Partnerships for responsible
Ethical Professional Conduct	SDG 17	Supports integrity and ethics in professions

Review and Continuous Improvement Mechanism



Collect and analyze feedback from students, faculty, and other stakeholders.

Gathering diverse perspectives ensures comprehensive evaluation of initiatives.



Use insights to refine cross-cutting initiatives to be practical, engaging, and impactful.

Applying feedback to improve the effectiveness and relevance of initiatives.



Include periodic updates addressing emerging global concerns such as climate change.

Ensuring content stays current with critical environmental challenges.



Incorporate insights in AI and digital healthcare in updates.

Addressing critical considerations in advanced technologies within healthcare.



Emphasize future-readiness for sustained relevance and leadership.

Preparing initiatives to adapt proactively to evolving global trends.

Key Performance Indicators and Success Metrics

Metric to measure effectiveness of cross-cutting initiatives

Number of programs conducted annually

Tracks the volume and diversity of initiatives implemented each year

Ensures consistent and varied implementation of programs and activities across the year

Degree of curriculum integration

Assesses CO-PO mapping and assessment rubric usage

Indicates how well cross-cutting issues are embedded in academic curriculum and assessments

Student participation rates

Reflects engagement levels in cross-cutting initiatives

High participation suggests strong student buy-in and interest

Improvements in ethical reasoning skills

Measures development in students' ethical decision-making abilities

Shows the impact of initiatives on students' moral and ethical awareness

Enhancement in environmental, social awareness, gender sensitivity

Evaluates growth in inclusivity and sustainability awareness

Demonstrates progress in critical social and environmental competencies

Quality of documentation (reports, artifacts, reflection logs)

Ensures thorough and transparent record-keeping

Supports accountability and continuous quality improvement



Institutional leaders and NAAC coordinators should champion initiatives to foster future-ready education and leadership.



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17. STUDENT'S ACADEMIC ACTIVITIES ALIGNMENT WITH SDGs



Orientation to Student Academic Activities Aligned with SDG 4

Orientation to Student Academic Activities Aligned with SDG 4

Nilson F. Machado



Planning and Defining the Scope of Student Academic Activities

1

These activities include providing a structure for student engagement and learning.

2

This focus strengthens students' understanding and mastery of subject matter.

3

Developing these skills prepares students for academic and professional challenges.

4

Active participation encourages deeper involvement and commitment to learning processes.

5

Encouraging ongoing interests and self-directed learning fosters lifelong education.

6

This approach engages active learning styles and fosters the critical thinking skills needed for higher education.

Integrating Activities with Curriculum and Competencies

Integrating Activities with Curriculum and Competencies

Map each academic activity to Course Outcomes (COs) and Program Outcomes (POs).

Example: Map each activity to the corresponding COs and POs.

Research projects promote inquiry-based learning and scientific rigor.

Example: Map each activity to the corresponding COs and POs.

Integration makes activities core to learning quality and SOG-C goals, not just extracurricular.

Example: Map each activity to the corresponding COs and POs.



Example mappings include Journal clubs for critical appraisal and analytical skills.

Example: Map each activity to the corresponding COs and POs.

Seminars enhance communication and presentation skills.

Example: Map each activity to the corresponding COs and POs.

Application in Ayurveda involves staging practical demonstrations, case studies, and research projects with competencies like diagnostic skills and evidence-based practice.

Example: Map each activity to the corresponding COs and POs.

Systematic Implementation of Academic Activities



Assessment and Recognition of Student Activities

Assessment and Recognition of Student Activities



Use various forms of assessment, learning methods for purposes, and faculty feedback for assessment purposes to ensure effective assessment.



Acknowledging performance motivates students and supports their professional development.



Measuring these activities helps evaluate the effectiveness of student activities and recognition programs.



Assessment and recognition knowledge will inform competence in all business education.

Comprehensive Reporting of Academic Activities

Reporting Aspect	Details
List of activities	Title, date, objectives, resource persons
Student participation details	Names, numbers, levels of participation
Evidence of student outcomes	Performances, awards, publications, skill gains
Supporting materials	Photos, certificates, awards, feedback
Impact analysis	Increased research involvement, improved assessments
Advice for University departments	Maintain detailed records of clinical workshops, community outreach, and research presentations

Impact Analysis and Measuring Success in Ayurveda Education

Evaluating educational outcomes and self-improvements for Ayurveda teachers



Evaluate contribution to student involvement

Increased research participation



Measure impact using data assessments and feedback

Assessments and feedback



Success metrics to track progress

Participations, awards, publications



Monitor Ayurveda-specific skill improvements

Diagnoses and treatments

Continuous Review and Improvement Cycle



Collect student feedback after each activity to assess relevance, effectiveness, and areas needing improvement.
Soliciting detailed feedback from students helps identify what works well and highlights opportunities for enhancement.



Use feedback to address gaps, introduce emerging themes, and enhance student leadership opportunities.
Applying insights from feedback ensures curriculum remains current and fosters leadership development among students.



This cycle ensures sustainability and innovation in academic engagement, fostering lifelong learning aligned with SDG 4.
Continuous improvement supports ongoing educational excellence and aligns with Sustainable Development Goal 4 for quality education.



Encourage reflective practice and peer reviews to continuously refine teaching and learning activities.
Promoting reflection and peer feedback among teachers enhances the quality and effectiveness of educational delivery.

Best Practices for Ayurveda Teacher Orientation Aligned with SDG 4

Best Practices for Ayurveda Teacher Orientation Aligned with SDG 4



Ensuring all students have access to quality education, regardless of their background or financial status.



Providing comprehensive and relevant education that prepares students for the workforce and higher education.



Creating a safe and inclusive learning environment for all students, including those with disabilities and diverse backgrounds.



Implementing evidence-based teaching practices and continuous professional development for teachers.



Engaging parents and the community in their children's education and supporting the school's efforts.



Using technology and digital resources to enhance learning and provide personalized education.



Measuring and assessing student learning outcomes and the effectiveness of the education system.



**Review and enhance
your Ayurveda teaching
practices to align with
SDG 4 and empower
lifelong learning.**



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18. BUILDING STUDENT TALENTS ALIGNED WITH SDGs



BUILDING STUDENT TALENT ALIGNED WITH SDGS

Aligning Education Initiatives with SDG 4 & SDG 8

Nikhil Kulkarni



IMPORTANCE OF TALENT-BUILDING IN STUDENTS AND SDG ALIGNMENT

Why Talent-Building Matters



TALENT-BUILDING ENSURES STUDENTS DEVELOP SKILLS, CREATIVITY, AND COMPETENCIES BEYOND ACADEMICS.
THIS BROAD APPROACH FOSTERS COMPREHENSIVE PERSONAL AND PROFESSIONAL GROWTH ESSENTIAL FOR MEETING CHALLENGES.



ENHANCES EMPLOYABILITY, ENTREPRENEURSHIP, AND LIFELONG LEARNING CAPABILITIES.
THESE ATTRIBUTES PREPARE STUDENTS FOR WORKFORCE DEMAND AND CONTINUOUS PERSONAL DEVELOPMENT.



DIRECTLY SUPPORTS SDG 4 (QUALITY EDUCATION) AND SDG 8 (DECENT WORK & ECONOMIC GROWTH).
TALENT-BUILDING ALIGNS EDUCATION WITH SUSTAINABLE DEVELOPMENT GOALS BY PROMOTING HOLISTIC LEARNING AND ECONOMIC READINESS.



TALENT-BUILDING BRIDGES EDUCATION WITH ECONOMIC AND SOCIETAL DEMANDS,
EMPOWERING STUDENTS TO CONTRIBUTE MEANINGFULLY TO SUSTAINABLE DEVELOPMENT THROUGH RELEVANT SKILLS AND COMPETENCIES.

IDENTIFYING TALENT DOMAINS BEYOND ACADEMICS

Identifying Key Talent Domains

Talent development must extend beyond classroom knowledge to include diverse competencies.

The inclusion of research aptitude, clinical practice skills, ICT proficiency, entrepreneurship and innovation, cultural creativity, communication and leadership, and problem-solving abilities.

Multi-domain talent identification supports real-world alignment and student potential. A holistic approach ensures students are equipped with diverse skills to surmount future challenges.

Incorporating industry and community needs into talent development, ensuring students to meet real-world demands enhances employability and societal impact.



Consider student strengths and interests when identifying talent domains.

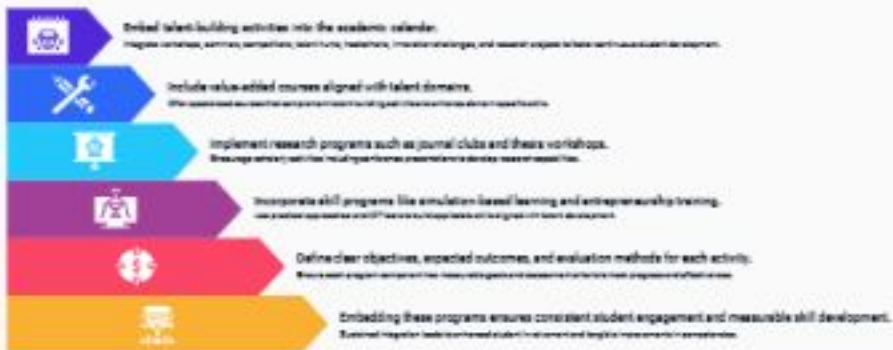
Recognizing individual student potential ensures personalized development aligned with their abilities.

Align talent identification with institutional goals and priorities.

Institutions must integrate their strategic objectives to guide effective talent development.

DESIGNING AND INTEGRATING TALENT DEVELOPMENT PROGRAMS

Program Design & Academic Integration



EFFECTIVE IMPLEMENTATION: MENTORSHIP AND COLLABORATION

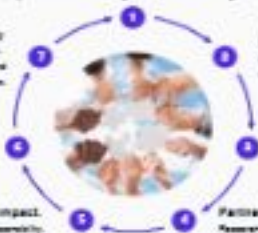
Implementation Strategies

Faculty mentors guide students in identifying and nurturing talents.
Universities excel in fostering individual student strengths and growth.

Mentorship and external collaboration amplify learning relevance and inspire student confidence.
Teacher insights affirm that guidance and camaraderie assist minister and students.

These partnerships align with SDG 8 by linking education to employability and entrepreneurship.
In tandem with Sustainable Development Goal 8, success stems in growth and decent work.

Engage NGOs to connect education with community impact.
NGO partnerships enrich learning resources and social responsibility.



Ensure equal opportunities regardless of socio-economic or academic background.
Apply it across in mentorship practices to foster student development.

Collaborate with industries to enhance practical learning.
Partnerships with industries provide students with real-world exposure and employability skills.

Partner with research organizations to foster innovation.
Research collaborations encourage critical thinking and advanced knowledge.

ASSESSING AND RECOGNIZING STUDENT TALENTS

Assessment and Recognition Framework

Assessment Criteria	Formal Recognition	Benefits
Performance in competitions	Awards and certificates	Motivates students
Research output and publications	Publications	Provides tangible proof of skill development
Creative projects	Exhibitions and transfers	Supports accreditation processes (e.g., AACSB)
Leadership roles		
Entrepreneurship initiatives		

Assessment ensures accountability and continuous motivation for talent growth

REPORTING TALENT-BUILDING INITIATIVES AND OUTCOMES

Annual data-driven reports linking talent-building to SDG 4 and SDG 8



CONTINUOUS REVIEW AND IMPROVEMENT CYCLE

Feedback-Driven Review and Program Enhancement



STRATEGIC BENEFITS OF INTEGRATING TALENT DEVELOPMENT AND SDGs

Why Integrate Talent Development with SDGs?

- 1 **Enhances holistic student growth**
Supports the overall development of students beyond academics, fostering personal and professional skills.

- 2 **Fosters lifelong learning and innovation**
Encourages continuous education and creative problem-solving abilities essential for future challenges.

- 3 **Bridges education with workforce demands**
Aligns educational outcomes with the evolving needs of the labor market to ensure employability.

- 4 **Promotes entrepreneurship and self-reliance**
Supports students in developing entrepreneurial skills that contribute to economic independence.

- 5 **Contributes to societal and economic development**
Integrates education with broader sustainable development goals to impact community and economy positively.

- 6 **Tracks key performance indicators**
Monitors student participation, skill growth, placement success, and awards to measure impact.



**CHAMPION INTEGRATED TALENT
DEVELOPMENT TO PREPARE STUDENTS
FOR MEANINGFUL FUTURES AND
SUSTAINABLE DEVELOPMENT.**



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19. E-CONTENT DEVELOPMENT ALIGNED WITH SDGs



Integrating E-Content Development with Sustainable Development Goals (SDGs)

Mitesh Kishanani



Role of E-Content in Supporting SDG 4 and SDG 9



E-content promotes inclusive and accessible learning opportunities.

Supports diverse learners by facilitating lifelong education under SDG 4 (Quality Education).



E-content fosters innovative learning environments.

Enables innovative approaches to education that enhance learner engagement and outcomes.



Digital repositories enhance education technology infrastructure.

Contributes to SDG 9 by supporting industry, innovation, and infrastructure in educational institutions.



E-content strengthens institutional capabilities.

Improves institutional ability to deliver quality education through technology integration.



Integration of digital resources aligns with global development goals.

Directly supports SDG 4 and SDG 9 by enhancing the learning ecosystem.

Step 1: Needs Assessment and Planning for E-Content

Step 1: Needs Assessment and Planning for E-Content

Identify gaps in traditional teaching methods needing digital support.

Focus on areas such as virtual simulations, simulation-based learning, interactive case studies, and audio/visual modules.



Decide on suitable e-content formats.

Select formats including video, audio, interactive modules, digital textbooks, simulations, and virtual reality experiences and online learning.



Align content development with learner needs and curriculum goals.

A thorough needs assessment ensures e-content is relevant and effective for educational objectives.



Step 2: Design and Development of Structured E-Content



Prepare modules with clear learning objectives and curriculum outcome mapping.

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Employ academic rigor and digital standards using tools like PowerPoint with narration, video, animations, and quizzes.

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Conduct quality checks focusing on accuracy, clarity, accessibility, and copyright compliance.

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Encourage interdisciplinary collaboration across departments to enrich content diversity.

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Quality design ensures effectiveness and engagement in digital learning.

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Step 3: Repository Creation and Resource Sharing

Store e-content systematically in digital repositories or LMS platforms such as Moodle, Google Classroom, and Institutional Intranet.

This ensures organized and efficient storage of educational content for easy retrieval and management.

Categorize content by subject, course, and semester.

Structured categorization helps users quickly locate relevant materials based on academic parameters.

Enhance accessibility for both students and faculty.

Improved access supports effective learning and teaching processes.

Link repositories to national platforms like DIKSHA, NPTQ, and AYUSH portals to foster wider knowledge sharing.

Integration with national platforms extends the reach and impact of educational resources.

Build robust infrastructure to support Sustainable Development Goal 4 and promote collaborative learning.

Strong digital infrastructure is essential for innovation, industry, and infrastructure development in education.



Implementation and Monitoring of E-Content Usage

Supports learning with enhanced learning outcomes

Orient students on accessing e-content
Self-paced learning and research

Integrate e-content with the lessons
Supports flipped classroom model

Track usage metrics regularly
Login and completion rates

Collect and analyze student feedback
Enable data-driven improvements

Use monitoring data to adjust content
Maximize learning impact

Step 5: Assessment and Continuous Improvement

Step 5: Assessment and Continuous Improvement

Measure student effectiveness through pre- and post-tests, student feedback surveys, and performance comparisons with previous years.

Incorporate emerging technologies like AI-based adaptive learning.

Maintain a continuous cycle of assessment and improvement to keep the repository dynamic, innovative, and future-ready.

01

02

03

04

05

Regularly update resources based on feedback.

Use analytics to track usage and identify trends in user behavior.

Reporting and Documentation for Quality Assurance

Reporting and Documentation for Quality Assurance

Report Components	Details
List of content developed	Title, type, duration, subject
Repository details	Platform used, number of modules uploaded
Student statistics and feedback	Usage data, feedback
Evidence of outcomes	Improved exam results, enhanced content quality, increased student engagement
Supporting documentation	Screenshots, video links, repository snapshots

Strategic Impact: Advancing SDG 4 & SDG 9 Through E-Content

Innovation



Inclusive and lifelong learning opportunities under SDG 4

Quality assurance and accreditation
of digital content



Enhanced quality of education through innovative digital resources

Open access and digital content
licensing, copyright and metadata



Strengthened digital systems infrastructure supporting SDG 9

Capacity building and technical
support for digital infrastructure



Promotion of innovation and transdisciplinary collaboration

International cooperation and
knowledge sharing



Institutions become leaders in educational innovation

Design, development and
implementation of digital content

Empower your institution to harness e-content development as a strategic enabler for quality education and innovation.





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2. Aligning Teaching- Learning Assessment with 5DG 4 for Quality Ayurveda Education



Aligning Teaching-Learning Assessment with SDG 4 for Quality Ayurveda Education

Enhancing Ayurveda education by integrating learner centered assessment framework aligned with Sustainable Development Goal-4 for quality education.

Shilpa Mahajan



Orientation Roadmap for Ayurveda Teaching and SDG 4

Integrating SDG 4 with Ayurveda pedagogy & assessment

Learner-Centered Framework Aligned with SDG 4

Key principles for 21st-century teaching aligned to quality
education goals

1 Inequality in Learning Access

Ensure equal access to quality learning opportunities for every student without
discrimination.

2 Develop essential knowledge, skills, and attitudes specific to effective 21st-century practice.

3 Set clear, achievable objectives aligned to SDG 4 goals including lifelong learning and skill acquisition.

4 Promote active participation where students engage rather than passively receive information.

5 Develop budgets, capacity, resources, and sustainability to all learning-teaching processes.

Curriculum Mapping Linking COs, Graduate Attributes, and SDG 4

Connecting course outcomes with graduate skills and SDG 4 goals

Course Outcomes (CO)	Graduate Attributes	SDG 4 Objectives
Course outcomes as a subject area for each subject	Competency in subject knowledge, critical skills, ethical reasoning	Equal access to quality education, skill development, lifelong learning opportunities
Linking COs to national/international competencies	Critical thinking, problem-solving, communication skills	Inclusive education and knowledge application
A graduate will internalize standards and excellence in student involvement	Professionalism and lifelong learner mindset	Quality, equitable, and relevant education

Diverse Methods for Inclusive Ayurveda Education

Innovative teaching approaches: fostering competency and inclusion

Personalized content delivery

Hands-on practical education

Peer learning and collaboration

- **Problem-Based Learning (PBL)**

Enhances analytical skills

Applied theory to practice

Digital tools for accessibility

Formative & Summative Assessments Aligned with Bloom and Miller

Assessment design linking Bloom's Taxonomy and Miller's Pyramid

Assessment Type	Examples	Alignment
Formative	Classroom assignments, quizzes, Q&A/Q&PE, reflective writing	Assess cognitive, psychomotor, affective domains progressively
Summative	University exams, competency evaluations, dissertations	Evaluate comprehensive knowledge and skills application
Bloom's Taxonomy	Focus on knowledge recall, application, analysis, evaluation, and creation	-
Miller's Pyramid	Assess 'What', 'How', 'How How', and 'One's' levels	-

Developing Fair and Transparent Evaluation Systems

Implementing rubrics and feedback for continuous and reflective learning



Rubrics Development

Establish predefined criteria for viva voce, practicals, seminars, and research activities ensuring clear assessment standards.

Transparency & Fairness

Communicate clear expectations to students to maintain consistency and fairness in evaluation processes.

Feedback Mechanisms

Enable two-way communication between teacher and student to suggest continuous learning improvements.

Student Self-Assessment

Encourage learners to reflect critically on their own progress and take personal responsibility.

Peer Assessment

Promote collaborative learning by involving students in evaluating each other's work critically.

Reflective Logs

Use reflective logs to document learning experiences and track progress over time systematically.

Using Performance Data to Drive Quality Education and SDG 4

Annual reports ensure accountability and continuous improvement

The department prepares comprehensive reports, compiling key assessment data annually.

Reports include plans, evidence, exam results, and feedback forms as proof.

3 key actions

Targeted interventions for low achievers

Remedial classes, mentoring, and extra assignments address student performance gaps.

Assessments assess subject-specific skills, and lifelong learning under SDG 4.

Adopt alternative teaching and assessment methods, enhance learning paths.

Continuous Quality Improvement Cycle in Ayurveda Education

Phased academic reviews aligning assessments with ISO 9001

• Phase 1

Academic Committee Meetings

Regular reviews of assessment strategies

• Phase 2

Benchmarking Standards

Aligning methods with NCIQS, NMAC, OAI

• Phase 3

Innovations Incorporated

Use of digital platforms and chatbots

• Ongoing

Continuous Refinement

Enhancing learning outcomes and employability

• ISO 9001 Alignment

Sustainable Quality Education

Dynamic and evolving teaching processes



Empower your teaching practices by integrating SDG 4 principles—join ongoing quality improvement and professional development initiatives today.

Equip yourself with resources and insights to integrate SDG 4 principles, fostering competency-based, inclusive, and ethical education for lifelong learning.

Orientation to Remedial Classes in Ayurveda Education

Evidence-based strategies for inclusive, equitable learning

1

Equitable Teaching

Understand the critical role of remedial classes in fostering equitable and inclusive Ayurveda education aligned with global goals.

2

Engage systematic methods to identify students needing remedial support for targeted, effective interventions.

3

Learn structured planning techniques to design and implement remedial teaching strategies effectively in Ayurveda contexts.

4

Monitor assessment and reporting opportunities to further remedial class effectiveness and student progress accurately.

5

Integrate remedial outcomes into ongoing academic quality improvement processes for sustained educational excellence.

6

Supporting Diverse Learners

Engage educators to confidently support diverse learner needs and enhance all students' success through evidence-based strategies.



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20. ENHANCING CAPABILITIES ALIGNED WITH SDGs



CAPABILITY ENHANCEMENT PROGRAMS ALIGNED WITH SDGS

Capability Enhancement Programs Aligned with SDGs



NEEDS ASSESSMENT AND TARGET GROUP IDENTIFICATION

Needs Assessment and Target Group Identification



Conduct thorough analysis of competency gaps using student and faculty feedback, examination results, mentoring records, and placement data. This comprehensive data collection helps identify areas where learners need support for effective capability building.

Focus on key developmental areas such as communication, soft skills, ICI proficiency, leadership, language improvement, research methodology, and health and wellness. Targeted skill enhancement in these areas addresses both academic and personal growth dimensions.

Prioritize inclusivity by identifying and supporting disadvantaged groups including first-generation learners, women students, and marginalized backgrounds. Ensuring equitable access promotes diversity and aligns with social development goals.

The needs assessment supports targeted and equitable capability enhancement aligned with Sustainable Development Goals 4 and 5. This alignment underscores the commitment to quality education and gender equality.

PROGRAM DESIGN: STRUCTURING CAPABILITY ENHANCEMENT INITIATIVES

Program Design Structuring Capability Enhancement Initiatives

Key Aspects Of Structuring Capability Enhancement Programs

DEVELOP DIVERSE
STRUCTURED PROGRAMS
INCLUDING WORKSHOPS,
CERTIFICATE COURSES,
BRIDGE PROGRAMS,
MENTORSHIP, COUNSELING,
AND TRAINING MODULES.
THESE VARIOUS FORMATS
CATER TO DIFFERENT
LEARNING NEEDS AND
TIMELINES TO ENHANCE
CAPABILITIES EFFECTIVELY.

ALIGN ALL PROGRAMS
WITH CLEAR OBJECTIVES
AND DEFINED LEARNING
OUTCOMES TO ENSURE
EFFECTIVENESS.
ESTABLISHING HEADPHONE
GOALS HELPS IN TRACKING
PROGRESS AND ENSURING
THE RELEVANCE OF
INITIATIVES.

FOCUS AREAS INCLUDE
SOFT SKILLS FOR
EMPLOYABILITY, GENDER
DISAGREEMENT FOR
EQUALITY, AND ICT
WORKSHOPS TO BRIDGE
DIGITAL DIVIDES.
TARGETED CONTENT
ADDRESSES KEY SOCIAL
AND PROFESSIONAL
DEVELOPMENT NEEDS
ALIGNED WITH SDGs.

ENSURE RESOURCE
PERSONS AND EVALUATION
METHODS ARE CLEARLY
DEFINED AND INTEGRATE
PROCESSES WITH
CURRICULUM AND CAREER
DEVELOPMENT FOR
MAXIMUM IMPACT.
CLEAR ROLES AND
ASSESSMENT STRATEGIES
ENHANCE PROGRAM QUALITY
AND RELEVANCE TO
LEARNERS' CAREER PATHS.

Implementation: Engaging Stakeholders and Ensuring Inclusivity

Schedule programs systematically across the academic year. Ensure structured and continuous engagement of participants throughout the year.

Engage diverse trainers and partners including faculty, external experts, NGOs, and industry partners. Leverage a broad range of expertise and perspectives to enrich program quality.

Promote equal participation of men and women students. Encourage gender balance and inclusivity within all activities.

Include empowerment initiatives such as women's leadership programs, self-defense training, financial literacy workshops, and rights awareness sessions. Prioritize engaged scholarship to empower women and promote their active participation.

Measures ensure gender balance and empowerment consistent with SDG 5. Align program objectives with the Sustainable Development Goal for gender equality.



PROGRAM EFFECTIVENESS ASSESSMENT AND MONITORING

Evaluating inclusivity and progress through data-driven methods



STRUCTURED REPORTING FOR TRANSPARENCY AND IMPACT

Report Component	Description
Program List	Titles, dates, resource persons
Participant Data	Number, profiles, gender distribution
Outcomes Evidence	Certificates, skill demonstrations, placements
Student Feedback & Reflections	Qualitative insights from participants
Supporting Evidence	Photographs, brochures, testimonials, media coverage

REVIEW AND CONTINUOUS IMPROVEMENT MECHANISMS

Review and Continuous Improvement Mechanisms



Ongoing

Collect and analyze feedback from students, faculty, and employees

Gather continuous input from key stakeholders to assess program effectiveness and identify areas for improvement.



Current and Emerging

Identify emerging areas for new programs

Focus on innovative fields such as digital health, entrepreneurship, financial literacy for women, and research ethics to align with evolving



Periodic

Conduct audits via IQAC or academic committees

Perform regular institutional quality assurance checks to maintain academic standards and promote ongoing enhancement.



Continuous

Ensure capability enhancement is sustainable and ongoing

Adopt a long-term approach to development rather than treating improvement as a one-time effort.

INTEGRATION WITH SDG 4 AND SDG 5: STRATEGIC ALIGNMENT

Integration with SDG 4 and SDG 5: Strategic Alignment



Capacity enhancement programs directly support SDG 4 and SDG 5 targets.

These programs increase literacy, digital skills, and employability, contributing to SDG 4 (Quality Education) and SDG 5 (Gender Equality) by improving women's and girls' skills.



Inclusive program design addresses barriers faced by women and marginalized groups.

Programs are designed to be accessible and inclusive, ensuring that all women and girls, regardless of their background, can benefit from the opportunities provided.



Empowerment initiatives foster leadership, confidence, and equal opportunities.

These initiatives provide women and girls with the skills and confidence needed to take on leadership roles and pursue their goals, contributing to SDG 4 and SDG 5.

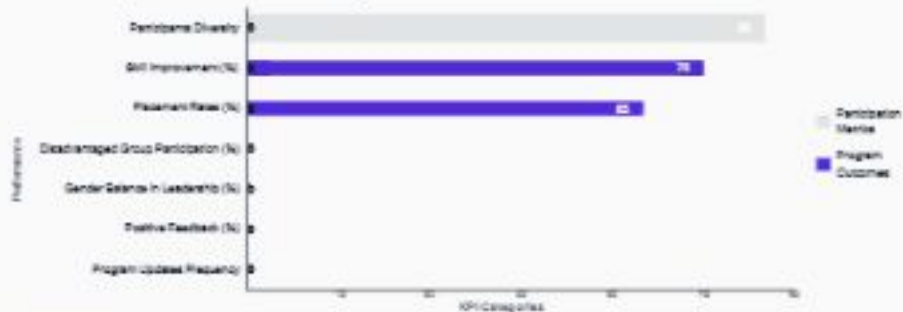


Monitoring gender-disaggregated data ensures accountability and targeted impact.

Collecting and analyzing data by gender allows us to track progress, identify gaps, and tailor interventions to meet the specific needs of women and girls, ensuring that our programs have a positive impact on gender equality.

KEY PERFORMANCE INDICATORS AND SUCCESS METRICS

Overview Of Key Performance Indicators Across Categories





**COMMIT TO ADVANCING QUALITY
EDUCATION AND GENDER EQUALITY
THROUGH CAPABLE, CONFIDENT
LEARNERS AND FACULTY.**



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21. GENDER SENSITISATION AND SDGs OVERVIEW



GENDER SENSITISATION AND ITS ALIGNMENT WITH SDG

Nidhi Khatwani



IMPORTANCE OF GENDER SENSITISATION IN ACADEMIA AND SDG LINKAGES

Importance of Gender Sensitization in Academia and SDG Linkages



Gender sensitisation fosters an academic environment rooted in equality, inclusivity, and respect. Creating a supportive culture that promotes fairness and dignity for all genders within academic settings.



Directly addresses SDG 5 and SDG 10 by promoting awareness, empowerment, and reduced inequalities. Aligning institutional efforts with SDG 5: Gender Equality and SDG 10: Reduced Inequalities to ensure fair academic opportunities.



Awareness helps dismantle gender bias and promotes equitable participation in academic and leadership roles. Encouraging balanced representation and fair treatment in faculty and decision-making positions within academia.



Understanding these linkages clarifies institutional responsibility towards sustainable, equitable education. Reinforcing the role of academic institutions in advancing sustainable development through gender-sensitive policies.

STEP 1: NEED IDENTIFICATION AND POLICY ALIGNMENT



Analyze challenges related to gender bias, unequal opportunities, and lack of awareness of rights and responsibilities.

Conduct a thorough analysis to understand specific institutional issues impacting gender sensitization.

Align findings with national and institutional frameworks including UCC/NAC directives, FODM guidelines, and constitutional provisions.

Ensure that the analysis is consistent with regulatory standards and legal mandates for equality.

Establish a data-driven baseline to design targeted interventions.

Use collected data to create a foundation for effective and focused program development.

STEP 2: DESIGNING GENDER SENSITISATION PROGRAMS

Step 2: Designing Gender Sensitisation Programs

Implement diverse initiatives such as workshops, seminars, debates, awareness campaigns, counseling sessions, film screenings, and role plays. These varied formats engage participants through interactive and educational activities tailored to different learning styles.

Focus on essential topics including gender stereotypes, workplace equality, women's health and safety, and rights and responsibilities of marginalized genders.

Addressing these key areas promotes comprehensive understanding of gender issues relevant to policy and social contexts.

Encourage participation from all genders to foster mutual understanding and collaboration.

Inclusive engagement promotes empathy and breaks down barriers within organisational and community settings.

Design programs to ensure engagement, relevance, and holistic education on gender issues.

Effective program design aligns with organisational goals and policy frameworks, ensuring impact and sustainability.

- Throughout the academic year
 - Conduct structured activities
 - Implement planned activities continuously during the academic year to maintain engagement and progress.
- Ongoing
 - Coordination by key institutional bodies
 - Women Development Cell, Internal Complaints Committee, and Student Welfare Committee read and coordinate the program.
- As needed
 - Involvement of sector experts
 - Experts from legal, healthcare, psychology, and social sectors are engaged to provide specialized knowledge and support.
- On special awareness days
 - Leverage special awareness days for community engagement
 - Utilize events like International Women's Day and National Girl Child Day to heighten awareness and participation.
- Sustained period
 - Foster continuous awareness and culture change
 - Long-term implementation supports ongoing awareness and promotes institutional culture transformation.

STEP 3: PROGRAM IMPLEMENTATION AND COORDINATION

ASSESSMENT AND MONITORING OF GENDER SENSITISATION INITIATIVES

Evaluating impact through data and feedback for continuous improvement.

Collect comprehensive feedback and participation data

Gather feedback forms, reflective essays, and gender-wise participation metrics for analysis.

Monitor measurable outcomes of sensitisation programs

Track increased rights awareness, female academic and leadership participation, and grievance reduction.

Use data to evaluate effectiveness and guide improvements

Analyze collected data to measure program success and identify areas needing enhancement.



STEP 5: REPORTING AND DOCUMENTATION BEST PRACTICES

Documentation Element	Details
List of activities	Title, theme, date, resource person
Participant data	Number and gender/race distribution
Outcomes	Awareness created, behavioral changes, participation increase
Student reflections and feedback	Summaries and success stories
Supporting evidence	Brochures, photographs, attendance, media coverage

STEP 6: REVIEW AND CONTINUOUS IMPROVEMENT

Step 6: Review and Continuous Improvement

1

Incorporate participant feedback to refine programs. Using feedback ensures the programs remain effective and responsive to participant needs.

2

Introduce new initiatives such as self-defense training, leadership workshops for women, and inclusivity sessions for LGBTQ+ communities. Expanding program offerings addresses diverse needs and promotes comprehensive gender sensitization.

3

Adapt to evolving societal needs to maintain relevance and impact of gender sensitization efforts. Continuous adaptation aligns programs with current social dynamics and policy frameworks.

4

A dynamic approach ensures sustained engagement and maximizes institutional impact. Ongoing improvement fosters long-term commitment and measurable outcomes in gender sensitization.

STRATEGIC ALIGNMENT WITH INSTITUTIONAL GOALS AND SDGS

Strategic Alignment with Institutional Goals and SDGs

Strategic alignment ensures sustainability and institutional buy-in. Embedding gender sensitization in strategy secures long-term commitment and operational support.

Integration into policy and reporting frameworks enhances credibility. Alignment with frameworks such as UGC and NAAC ensures better resource allocation and institutional recognition.

Direct support to Sustainable Development Goals (SDG) 5 and SDG 10. The initiatives reinforce institutional social responsibility by addressing gender equality and reduced inequalities.

Gender sensitization initiatives align with broader institutional objectives. These initiatives promote inclusive education and campus culture, enhance student and staff well-being, and strengthen leadership diversity and equity.

**COMMIT TO COMPREHENSIVE GENDER
SENSITISATION PROGRAMS FOR
INCLUSIVE CAMPUSES**





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22. INCLUSIVE ENVIRONMENTS ALIGNED WITH SDGs



Creating Inclusive Educational Environments Aligned with SDGs

[Nithin Krishnan](#)



Understanding Inclusivity and Its Link to SDGs



NAAC Requirements emphasize the creation of an inclusive environment as a key quality indicator.

Institutions are required to develop and monitor inclusivity measures to meet quality standards.



SDG 10 (Reduced Inequalities) focuses on minimizing barriers related to socio-economic status, gender, disability, and culture.

Promoting inclusivity reduces disparities and fosters equality across diverse population groups.



SDG 4 (Quality Education) guarantees equal learning opportunities for all students.

Ensuring accessible education supports the development of a more inclusive and equitable society.



Inclusivity is foundational for equitable, accessible, and holistic education aligned with global development goals.

Inclusivity supports achieving Sustainable Development Goals by fostering fairness and accessibility in education.

Step 1: Need Identification & Policy Framing

1

Diversity Assessment across multiple dimensions

Analyze student and faculty diversity across socio-economic background, language, learning abilities, gender, and physical/psychological challenges.

2

Development of Inclusive Policies

Create policies aligned with national guidelines focusing on anti-discrimination, equal opportunity, disability support, and gender sensitivity.

3

Alignment with Regulatory Frameworks

Incorporate UGC equity initiatives and the Rights of Persons with Disabilities Act into institutional policies.

4

Strategic Impact of Tailored Policies

Ensure institutional readiness to effectively support diverse learners through customized policies.

Step 2: Designing Inclusive Academic and Support Systems

Inclusive infrastructure ensures physical and digital accessibility.

Features ramps, accessible restrooms, digital aids, and language support to accommodate diverse needs.

Academic Inclusion initiatives enhance learning accessibility.

Includes bridge courses for slow learners, remedial classes, flexible teaching methods, and ICT-enabled accessible learning tools.



Holistic design reduces learning barriers and fosters equal participation.

Integrating academic and support systems creates an environment aligned with SDGs, promoting inclusivity.

Support systems provide essential resources for equitable education.

Scholarships, fee concessions, healthcare services, counseling, and peer mentoring foster student well-being and participation.

Step 3: Implementing Inclusive Practices in Institutions



Faculty employ inclusive pedagogy through collaborative, problem-based, and bilingual teaching methods.

These teaching strategies have an engaging and accessible learning environment for diverse student populations.



Student engagement is enhanced via clubs and committees promoting cultural diversity, gender equality, and social integration.

Extracurricular activities expose students to role models and role models who participate in inclusive activities.



Focus on disadvantaged groups including LGBTQ+ students, economically weaker sections, and differently-abled students.

Targeted inclusion efforts ensure equitable access and support for historically marginalized communities.



Active inclusion in both academic and extracurricular activities improves equity and sense of belonging.

Integrating inclusive practices strengthens institutional commitment to social justice and student well-being.



Implementation aligns with Sustainable Development Goals promoting quality education and reduced inequalities.

These practices contribute to a more equitable and inclusive learning environment.

Monitoring and Evaluating Inclusivity in Education

Tracking progress and refining support for diverse students



Data Collection

Track participation and performance of diverse student groups annually.



Performance Metrics

Measure improvements in outcomes and reductions in dropout rates.



Feedback Mechanisms

Collect input from students, faculty, and parents on challenges faced.



Continuous Refinement

Use data and feedback to improve inclusivity support measures continuously.

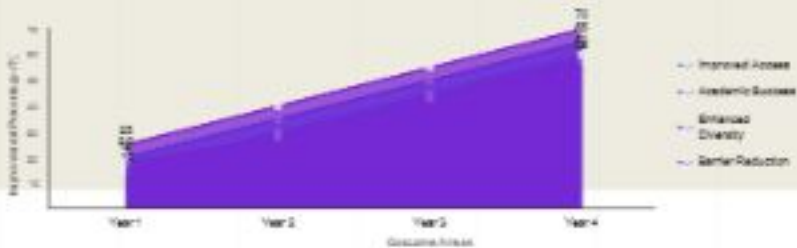
Reporting Inclusive Environment Initiatives

4 Reporting Inclusive Environment Initiatives

Key Reporting Components	Details
Inclusive policies and programs	Bridge courses, remedial courses, disability-friendly initiatives
Scholarships and concessions aids	Support for disadvantaged students
Participation rates	Diverse groups in academics, research, extracurricular activities
Inclusive infrastructure	Ramps, ICT resources, counseling centers
Outcomes	Improved access, reduced dropout rates, better performance, enhanced diversity

Outcome Analysis: Impact of Inclusive Practices

Progress of Inclusive Practices Impact Over Four Years



Continuous Improvement for Sustainable Inclusivity

Embedding dynamic inclusivity aligned with evolving societal needs

Regular analysis of outcomes and stakeholder feedback for informed decisions

Consistent review of data and stakeholder inputs ensures inclusivity strategies remain effective and responsive.

Ongoing refinement of academic, infrastructural, and social support systems.

Continuous updates enhance support mechanisms to better serve diverse community needs within institutions.

Introduction of innovative strategies like digital inclusion and mental health support.

New inclusivity initiatives such as gender-neutral spaces and mental health services foster a supportive environment.

Alignment with evolving societal diversity challenges for ongoing relevance.

Adapting inclusivity efforts to current social dynamics ensures sustainable and relevant institutional practices.





Start or strengthen your institution's inclusivity strategies today to foster a barrier-free, equitable learning environment.



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23. NATIONAL AND INTERNATIONAL DAYS ALIGNED WITH SDGs



National & International Day Celebrations: Driving SDG Awareness

Nishu Krishnan



Significance of Day Celebrations in Academic Institutions



Day celebrations foster awareness, education, and values beyond mere ceremonies.

These events engage students and staff in meaningful activities that promote deeper understanding.



They promote peace, justice, and global citizenship in alignment with SDG 16.

Universities organized by Sustainable Development Goals enhance governance and social harmony.



Provides experiential, value-based learning platforms that support SDG 4.

Hands-on activities during celebrations enhance quality education and personal development.



Strengthen civic responsibility, inclusivity, and respect for governance frameworks.

Events empower students to address current issues and foster participatory democracy.



Enhance both academic and civic learning outcomes.

Celebrations contribute to holistic development by integrating academic knowledge with civic values.

Step 1: Identification and Selection of Days to Observe

Step 1: Identification and Selection of Days to Observe

Key National and International Days	Selection Criteria	Purpose
World Health Day	Institutional values alignment	Reinforce academic and civic learning
International Yoga Day	Centennial observance	Reinforce academic and civic learning
Constitution Day	Broader societal and 200-year anniversary (1787 & 2017-18)	Reinforce academic and civic learning
International Women's Day	Institutional values alignment	Reinforce academic and civic learning
Earth Day	Centennial observance	Reinforce academic and civic learning
Human Rights Day	Broader societal and 200-year anniversary (1787 & 2017-18)	Reinforce academic and civic learning
World Mental Health Day	Institutional values alignment	Reinforce academic and civic learning

Step 2: Designing Educational Programs & Activities

Activities are designed with clear educational objectives linked to SOGs.

Activities are designed to provide understanding and engagement with specific business knowledge.



Examples of academic awareness activities include guest lectures, panel discussions, debates, essay/paper competitions, exhibitions, health camps, rallies, and cultural events.



These activities encourage participation in learning and enhance awareness.

Content is aligned with specific national and international days, such as Consumer Day and World Health Day.



Activities include Consumer Day, Women's Entrepreneurship Day, and Global Entrepreneurship Week, highlighting awareness, health camps and sports events.

The programs support knowledge building aligned with SOG-1 (Quality Education).



They focus on improving awareness for better educational quality and accessibility.

They also contribute to institution-building goals aligned with SOG-10 (Peace, Justice and Strong Institutions).



Programs are designed to enhance awareness and strengthen institutional frameworks.



Step 3: Implementation & Inclusive Participation

Step 3: Implementation & Inclusive Participation



Coordinated planning involving faculty, student committees, and resource persons

Engaging NGOs, NBOs, and government officials to support implementation.

Emphasis on inclusivity across student and faculty bodies

Encouraging wide participation to foster unity and shared responsibility.

Use of interactive, participatory approaches

Active student engagement through dynamic learning methods.

Creation of experiential learning environments

Moving beyond passive classroom to hands-on educational experiences.

Step 4: Assessment and Reflection for Impact Measurement

Step 4: Assessment and Reflection for Impact Measurement



- 1 Use multiple tools to evaluate effectiveness including feedback forms, student reflections, and participation records.

Employing diverse evaluation methods ensures a comprehensive assessment of learning impact.

- 2 Measure awareness created on civic responsibility, environmental consciousness, and health awareness.

Focus on key indicators like aligned with broader educational goals and SDG themes.

- 3 Documentation provides evidence of quality learning beyond textbooks.

Tracking progress through various dimensions like skill and subject understanding.

- 4 Facilitates continuous improvement in educational outcomes aligned with SDG targets.

Reflection and assessment support ongoing enhancements to meet Sustainable Development Goals effectively.

Step 5: Reporting & Documentation for Quality Assurance

Celebrated Days	List of celebrated days annually
Program Details	Theme, date, objectives, resource persons
Participants	Number and profile of participants
Media & Materials	Photographs, brochures, media coverage
Outcomes	Awareness created, values inculcated, academic integrations
SOA Reflection	Contribution to SOA's & SOA's 19

Step 6: Review & Continuous Improvement for Sustainability



Utilize student and faculty feedback to improve future celebrations.

Gathering insights from participants provides valuable feedback to better meet educational and institutional objectives.



Introduce innovations such as community outreach programs.

Expanding initiatives beyond the institution fosters broader engagement and social impact.



Organize collaborative events with other institutions.

Partnerships with other institutions enhance resources and promote joint efforts towards sustainable development.



Integrate cultural diversity and global perspectives.

Incorporating diverse viewpoints enriches the educational experience and aligns with global sustainability goals.



Ensure celebrations remain meaningful and impactful by aligning with sustainable development and institutional strengthening goals.

This element ensures celebrations and activities align with long-term strategic objectives.



Promote long-term sustainability of SDG-focused educational initiatives.

Continuous engagement safeguards the long-term effectiveness of sustainability education.



Strategic Alignment with SDGs: Quality Education & Strong Institutions

Strategic Alignment with SDGs: Quality Education & Strong Institutions

Experiential learning through day celebrations supports SDG 4 (Quality Education).

Day celebrations provide hands-on learning experiences that foster knowledge and skill development.



SDG 16 promotes ethical leadership, integrity, and respect for governance.

Focuses on peace, justice, and strong institutions by emphasizing social responsibility and governance respect.



Day celebrations act as strategic levers for embedding SDG principles into campus culture.

Integrates sustainable development goals into everyday academic and social environments.



Value-based education enhances knowledge and skills development.

Emphasizes ethical and holistic education to build competent learners under SDG 4.



Building institutional capacity and community cohesion aligns with SDG 16.

Strengthens institutions and fosters unity within communities.



Enhances both academic rigor and social responsibility outcomes.

Improves educational standards while promoting ethical and social values.



Leverage
celebrations to
cultivate
empowered,
socially
responsible
students



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24. INTERGRATING AYUSH WITH SDGs IN EDUCATION AND HEALTHCARE



Integrating AYUSH with SDGs in Education and Healthcare

Welcome to this presentation on the integration of
AYUSH (Ayurveda, Yoga, Unani, Siddha, Homoeopathy) in
academia and healthcare, and its alignment with
Sustainable Development Goals (SDGs).

Nishu Krishnan



Significance of AYUSH Integration in Education and Healthcare

Significance of AYUSH Integration in Education and Healthcare

- **NAAC mandates AYUSH Integration for quality assurance in academics and healthcare delivery.**
This ensures adherence to standards promoting traditional health systems within education and healthcare sectors.
- **Promotes traditional knowledge systems fostering holistic health and enriched education.**
Showcases the inclusion of age-old wisdom, holistic, attending, and self-healing and health outcomes.
- **Direct contribution to SDG 3: Expanding healthcare choices, preventive strategies, wellness approaches.**
Supports sustainable development goal focused on good health and well-being by integrating diverse health options.
- **Direct contribution to SDG 4: Inclusive, competency-based, culturally relevant education.**
Original educational goals to promote health and wellness, applying learning from practice.
- **Enhances interdisciplinary collaboration between traditional and modern medical sciences.**
Facilitates cooperation and knowledge exchange bridging AYUSH and conventional healthcare systems.

Step 1: Policy Alignment and Need Identification

Assess institutional readiness for AYUSH integration in academics and clinical services.

Evaluate the current capacity and preparedness of institutions to incorporate AYUSH systems.

Identify Incorporation of Ayurveda, Yoga, Unani, Siddha, and Homeopathy into teaching curricula.

Explore ways to embed AYUSH systems into academic programs.

Include AYUSH in community health programs.

Utilize AYUSH practices to enhance community health initiatives.

1

2

3

4

5

6

Align with NCDIS/Ministry of AYUSH guidelines and NMAC benchmarks for quality and compliance.

Ensure adherence to regulatory standards and quality benchmarks during integration.

Incorporate AYUSH systems into clinical healthcare delivery.

Integrate traditional medicine practices with clinical service frameworks.

Critical for strategic planning and ensuring regulatory adherence.

Foundation map for effective and compliant AYUSH integration.

Step 2: Curriculum Integration of AYUSH

Step 2: Curriculum Integration of AYUSH

Design value-added courses, modules, and interdisciplinary projects.

Develop additional academic offerings that foster interdisciplinary learning and enhance curriculum value.

Provide inclusive, competency-based learning aligned with SDG 4.

Develop additional programs and programs within and outside, meeting Sustainable Development Goal 4.

Yoga modules focused on mental health and chronic diseases.

Develop specialized yoga programs addressing mental wellness and chronic disease prevention.

Integration of Ayurvedic pharmacology with modern pharmacognosy.

Integrate traditional Ayurvedic pharmacology with current pharmacognosy practices to enhance efficacy.

Map AYUSH competencies with modern medical sciences and public health.

Align AYUSH knowledge areas with contemporary medical and public health frameworks for comprehensive education.

Ayurveda's Bioscience aligned with preventive healthcare.

Utilize Ayurveda's principles of Bioscience to enhance preventive healthcare strategies.

Step 3: Implementation – Academic and Clinical Activities

Academic Integration and Clinical Integration



Integration of AYUSH workshops, guest lectures, and research projects into academic programs.

These activities enhance interdisciplinary learning and foster research into AYUSH disciplines.



Facilitation of student exchange programs across various AYUSH disciplines.

This promotes cross-disciplinary exposure and enriches student experience in traditional medicine fields.



Integration of AYUSH services within institutional hospitals.

Embedding traditional therapies alongside modern healthcare services holistic patient care.



Application of traditional therapies such as Panchakarma and Yoga therapy in clinical practice.

These therapies complement conventional rehabilitative health strategies.



Community outreach programs combining modern diagnostic with AYUSH interventions.

This dual approach facilitates practical application and experiential learning in real-world settings.



Dual academic and clinical approach to ensure experiential learning and practical application.

Embedding traditional knowledge into modern practice strengthens integrative efforts.



Monitoring and Evaluation of AYUSH Integration

Tracking performance, feedback, outcomes and participation aligned with SDGs



Track academic performance
through exam scores and project outcomes

Measures student progress

Collect student feedback on
AYUSH modules and clinical postings

Gathers learner insights

Measure patient outcomes in
AYUSH-based clinics for health
impact

Assesses clinical effectiveness

Monitor participation in AYUSH
programs and health camps

Tracks engagement levels

Reporting AYUSH Integration for NAAC/IQAC Submissions

Documentation should include:

Documentation Aspect

Details

AYUSH-integrated academic modules, courses, workshops

List of modules, courses, workshops integrating AYUSH

Student participation

Evidence of student involvement in AYUSH training, research, clinical practice

Health camps and wellness programs

Details of AYUSH health camps, wellness programs, patient outcomes

Research and publications

Publications, theses, projects involving AYUSH integration

Outcomes

Improved competencies, patient well-being, interdisciplinary collaboration

Supporting evidence

Photos, course modules, research papers, camp reports

Review and Continuous Improvement Cycle

- Annual**
 - Conduct curriculum and hospital committee reviews annually**
Regular annual reviews ensure that the curriculum and hospital committees effectively integrate AYUSH principles and practices.
- Ongoing**
 - Evaluate effectiveness of AYUSH integration in education and healthcare**
Continuous assessment of AYUSH's role in education and healthcare settings to measure impact and identify areas for enhancement.
- Ongoing**
 - Introduce new AYUSH-based research opportunities**
Promote innovative research initiatives focusing on AYUSH to expand knowledge and practical applications.
- Ongoing**
 - Foster partnerships with AYUSH research councils, universities, and wellness industries**
Strengthen collaborations to enhance research, education, and industry integration of AYUSH.
- Ongoing**
 - Ensure AYUSH remains dynamic and evolving, not symbolic**
Maintain AYUSH as a vibrant and progressive element within education and healthcare systems.
- Long-term**
 - Sustain long-term benefits aligned with SDG goals**
Align AYUSH integration efforts with Sustainable Development Goals to ensure holistic health and societal well-being.

Review and Continuous Improvement Cycle

- Annual**
 - Conduct curriculum and hospital committee reviews annually**

Regular Annual reviews ensure that the curriculum and hospital committees effectively integrate AYUSH principles and practices.
- Ongoing**
 - Evaluate effectiveness of AYUSH integration in education and healthcare**

Continuous assessment of AYUSH's role in education and healthcare settings to measure impact and identify areas for enhancement.
- Ongoing**
 - Introduce new AYUSH-based research opportunities**

Promote innovative research initiatives focusing on AYUSH to expand knowledge and practical applications.
- Ongoing**
 - Foster partnerships with AYUSH research councils, universities, and wellness industries**

Strengthen collaborations to enhance research, education, and industry integration of AYUSH.
- Ongoing**
 - Ensure AYUSH remains dynamic and evolving, not stagnant**

Maintain AYUSH as a vibrant and progressive element within education and healthcare systems.
- Long-term**
 - Sustain long-term benefits aligned with SDG goals**

Align AYUSH integration efforts with Sustainable Development Goals to ensure enduring positive outcomes.

Strategic Benefits and Alignment with SDGs

Strategic Benefits and Alignment with SDGs

Promotes preventive and wellness-focused care to enhance patient outcomes.
Integrated approaches combining conventional and traditional medicine improve overall health and well-being.

Encourages interdisciplinary learning and research.
Cross-disciplinary collaboration enriches educational content and cultural relevance in curricula.

Strengthens institutional reputation and accreditation via AYUJCH integration.
Integrating AYUJCH practices boosts institutional credibility and aligns with global standards.



Enhances healthcare alignment with traditional practices under SDG 3 (Good Health and Well-being).

Incorporation of AYUJCH practices, wellness choices, promoting preventive and wellness-focused care to enhance patient outcomes.

Advances inclusive, competency-based curricula aligned with SDG 4 (Quality Education).

Educational frameworks become more inclusive and competency-driven, fostering interdisciplinary learning and research.

Builds culturally relevant education frameworks.

Education systems incorporate cultural, sensitive content to enhance relevance and acceptance.



**Begin institutional
self-assessment
and roadmap
development for
AYUSH
integration today.**



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25. CLASSICAL WAY AYURVEDA PRACTICE WITH SDGs





INTEGRATING CLASSICAL AYURVEDA LEARNING WITH SUSTAINABLE DEVELOPMENT GOALS

Integrating Classical Ayurveda Learning with Sustainable Development Goals (SDGs)

CONTEXT: CLASSICAL AYURVEDA LEARNING AND ITS RELEVANCE TO SDGS

Contact: *Classical Ayurveda and Sustainable Development Goals*

NAAC emphasizes preserving authenticity of Ayurveda's traditional knowledge within modern academic quality frameworks. This ensures that Ayurveda education maintains its cultural integrity while meeting contemporary academic standards.

Classical Ayurveda aligns closely with SDG 3 by promoting holistic, preventive, and curative health approaches. Supports Sustainable Development Goal 3 focused on ensuring healthy lives and promoting well-being for all ages.

It also supports SDG 4 by ensuring inclusive, competency-based, culturally rooted education. Promotes quality education that is accessible, skill-oriented, and respects cultural heritage.

Classical Ayurveda learning bridges ancient wisdom with contemporary global health and education priorities. Combines traditional knowledge with modern goals to address current and future challenges.

Classical Ayurveda education is both a cultural heritage and a strategic driver of well-being and quality education in a sustainable development context. Represents a dual role in preserving culture and advancing sustainable development through education and health.

STEP 1: NEED ASSESSMENT AND CURRICULUM MAPPING

Step 1: Need Assessment and Curriculum Mapping



STEP 2: PROGRAM DESIGN FOR CLASSICAL AYURVEDA LEARNING

Step 2: Program Design



Structure diverse learning activities

Includes Dharma recitation, Tarka logical debates, Semwa interactive dialogues, clinical disease study linked to texts, and practical demonstrations such as Dronayoga, Panchakarma, and diagnostics.



Define clear educational objectives

Focus on mastery of classical textual knowledge and its integration with clinical diagnosis for a comprehensive learning experience.



Specify measurable learning outcomes

Ensure learners develop the ability to apply classical Ayurveda knowledge effectively to practice.



Adopt effective teaching-learning strategies

Utilize demonstrations, storytelling, group sharing, and clinical case discussions to enhance engagement and comprehension.



Align program design with SDG 4

Emphasize competency-based education and cultural relevance to support sustainable development goals in education.

STEP 3: IMPLEMENTATION - BLENDING CLASSICAL AND CONTEMPORARY PEDAGOGY

Step 3: Implementation

1

Combine classical methods with modern pedagogical tools

Use digital aids for shloka pronunciation practice and integrate Charaka Samhita interpretations with modern clinical case discussions.

2

Faculty role extends beyond instruction

Faculty act as mentors, guiding ethics, discipline, and the philosophy of holistic healing.

3

Emphasis on experiential and reflective learning

Encouraging hands-on and reflective practices to deepen understanding of Ayurveda.

4

Maintaining relevance of classical knowledge

Effective implementation ensures that classical Ayurvedic knowledge remains vibrant and applicable in contemporary education.

STEP 4: MONITORING AND EVALUATION OF CLASSICAL LEARNING

Step 4: Monitoring and Evaluation

Assessment Methods	Feedback Collection	Learning Objectives	KPI Examples	Quality Assurance
Oral recitations, Written Interpretations, Clinical application of textual knowledge, Reflective Journals, OSCE/OSPE evaluations linking Ayurveda to patient care	Regular feedback from students and faculty	Ensure learning relevance, effectiveness, and alignment with outcomes	Retention of textual knowledge, Confidence in clinical application, Ethical and holistic practice adoption	Maintain quality assurance and compliance with NAAC standards
Oral recitations				
Written Interpretations				
Clinical application of textual knowledge				
Reflective Journals				

STEP 5: REPORTING AND DOCUMENTATION FOR NAAC COMPLIANCE

Step 5: Reporting and Documentation

- Document and report classical learning activities including recitations, debates, and clinical correlations.
Maintaining a detailed log ensures transparency and showcases educational engagement.
- Record the number of students and faculty involved in these activities.
Quantifying participation highlights institutional commitment and resource allocation.
- Demonstrate integration of these activities with curriculum competencies.
Aligning activities with competencies ensures relevance to academic standards.
- Report outcomes such as improved textual retention, clinical confidence, and alignment with holistic health.
Highlighting measurable benefits supports the value of traditional methods.
- Provide supporting evidence including photos, videos, feedback, lesson plans, and reflective reports.
Evidence reinforces the authenticity and effectiveness of reported activities.
- Compile annual reports to demonstrate preservation of traditional pedagogy aligned with modern quality benchmarks.
Annual compilation aids in accreditation and continuous institutional improvement.

STEP 6: REVIEW AND CONTINUOUS IMPROVEMENT CYCLE

Step 6: Review and Continuous Improvement

Faculty committees evaluate the relevance and effectiveness of classical methods in modern contexts. This ensures traditional Ayurvedic practices remain applicable and valuable today.



Interdisciplinary linkages such as Ayurveda with integrative medicine and global health are reviewed. Promotes a holistic approach by connecting Ayurveda with broader health disciplines.



Outcome is a dynamic, sustainable educational ecosystem balancing tradition and innovation. Creates a resilient system that supports ongoing growth and relevance in Ayurvedic education.



Integration of innovative ICT-enabled teaching methods is assessed. Incorporating technology enhances learning experiences and accessibility in Ayurvedic education.



Goal to sustain and evolve classical Ayurvedic learning as a living tradition. Focuses on adaptability to contemporary challenges while preserving core principles.

STRATEGIC INSIGHTS AND ALIGNMENT WITH SDGs

Strategic Insights: Classical Ayurvedic Learning & SDG Alignment



Promotes holistic health via preventive and curative Ayurvedic practices embedded in teaching. Supports SDG 3 by integrating Ayurvedic methods that enhance good health and well-being.



Enables culturally rooted, inclusive, competency-based learning through classical pedagogy. Addresses SDG 4 by ensuring quality education grounded in cultural traditions and competency.



Integration of traditional and modern methodologies enhances educational quality and health outcomes. Combining classical and contemporary approaches improves teaching effectiveness and health benefits.



Continuous monitoring, evaluation, and reporting ensure accountability and institutional excellence. Ongoing assessment supports transparency and quality assurance in Ayurvedic education.



Institutionalizing classical Ayurvedic pedagogy within academic frameworks strengthens sustainable health education globally. Policy implication emphasizes embedding Ayurvedic teaching in formal education to promote sustainability.



**FOSTER FRAMEWORKS BALANCING
HERITAGE PRESERVATION WITH EVIDENCE-
BASED INNOVATION FOR SUSTAINABLE
AYURVEDA EDUCATION.**

Conclusion: Preserving Tradition, Advancing Education & Health



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26. IMPLEMENTATION OF AYURVEDA PRACTICE



Implementing Ayurveda Practice Aligned with SDG 3

Understand how Ayurveda practice supports Sustainable Development Goal 3 (Good Health and Well-being) through academic, clinical, and community integration.

Nilin Krishnan



Policy Alignment and Framework Development

Policy Alignment and Framework Development



- Institutions must align course practice with regulatory and quality standards.
- Compliance with AQAA regulations, NQF/NQF, accreditation standards, and AACSB benchmarks ensures quality and standardization.

- Develop a structured framework integrating curricula principles.
- Develop a structured framework as follows: (a) Needs Assessment, (b) Strategic Plan, (c) Departmental Policy, (d) Faculty Support, (e) Personal, (f) Career and Strength Assessment.

- Frameworks should be developed in alignment with quality settings.
- Ensure the institution and quality assurance and accreditation environments.

Academic Integration of Ayurveda Practice

Academic Integration of Ayurveda Practice



Integrate Ayurveda into education via practical demonstrations, clinical case discussions, simulation training, and supervised patient care.

These methods enhance experiential learning and clinical competence in Ayurveda practice.



Train students in classical diagnostic methods such as *Nadi Pariksha*, *Hridaya Pariksha*, and *Jihva Pariksha*.

Emphasizes traditional diagnostic techniques essential for Ayurveda assessment.



Combine classical diagnostic techniques with modern tools for a holistic patient assessment.

Blending traditional and contemporary methods ensures comprehensive evaluation.



Provide skill-based training in *Shalakyas Kalpana*, *Rachasarma*, *Agada Tantra*, and preventive Ayurveda approaches.

Focus on essential practical skills including medicine preparation and therapeutic procedures.

Clinical Implementation and Service Strengthening

Clinical Implementation and Service Strengthening

01

Ayurveda departments manage OPDs and IPDs using authentic treatment protocols including Ahara, Vihara, Aushadha, and Karma.

This ensures comprehensive patient care through diet, lifestyle, medicines, and specialized therapies like Panchakarma, Virechanas, and Bastis/Enemas.

02

Extension of Ayurveda practices into the community through health camps, school health programs, and wellness clinics.

Community outreach promotes preventive care and health awareness aligned with Ayurveda principles.

03

Integration of modern diagnostics such as lab tests, imaging, and serology to support evidence-based Ayurveda care.

Combining traditional Ayurveda with modern diagnostics fosters enhanced treatment accuracy and clinical outcomes.



Monitoring and Evaluation of Ayurveda Practice

Monitoring and Evaluation of Ayurveda Practice

Aspect	Methods/Tools	Key Performance Indicators (KPIs)
Academic and Clinical Performance	Student participation in clinical postings; Skill assessment via logbooks, DCEB, DCEP	Student competency and clinical skills
Patient Outcomes	Case records; Patient feedback and satisfaction surveys; Follow-up reports	Patient satisfaction levels; Reduction in disease burden
Quality Assurance	Continuous monitoring and evaluation processes	Ensuring quality assurance and continuous improvement
Overall Monitoring	Tracking academic, clinical, and patient outcome data	Improved clinical skills, patient health outcomes, and education quality

Comprehensive Reporting Framework



Clinical services reporting includes therapies offered, OPD and IPD records, and community



Academic integration is reflected through classroom demonstrations, practical sessions, and student



Patient outcome data encompasses case reports, recovery statistics, and patient satisfaction surveys.



Student training outcomes include skill certifications and clinical case-handling capacity.



Supporting documentation consists of photographs of therapies, registers, feedback forms, and published

Community Outreach and Wellness Promotion



01

Organize community health fairs and other health programs to promote disease prevention.

02

Evaluate outreach efforts using an evidence-based approach to program management.

03

Engage patients through awareness and education initiatives enhancing self-care.

04

Facilitate integrative approaches combining lifestyle with modern healthcare strategies for comprehensive care delivery.

05

Contribute to public health goals and SDG through preventive, promotive, and rehabilitative strategies.

Quality Assurance through Feedback and Outcome Analysis

Quality Assurance through Feedback and Outcome Analysis

01

Continuous data collection on patient outcomes and satisfaction fosters evidence-based improvements.

Ongoing monitoring of patient feedback and clinical results assists the refinement of Ayurveda treatments.

02

Use clinical case records and follow-up data to evaluate efficacy of Ayurveda interventions.

Systematic review of clinical documentation helps assess treatment effectiveness and guides practice improvements.

03

Student competency evaluations via OSCE/OSPE and logbooks ensure skill readiness.

Standardized procedures and objective assessment criteria ensure consistent student evaluations for clinical roles.

04

Feedback loops from hospital committees, IQAC, and academic boards enable gap identification.

Regular meetings with hospital committees involve clinical insights for identifying and addressing clinical and academic gaps.

05

Data-driven decision-making supports enhancement of clinical and academic Ayurveda practice.

Collaborative efforts between hospital and academic departments facilitate evidence-based practice in Ayurveda medicine and education.

Cycle of Review, Innovation, and Improvement in Ayurveda

Continuous improvement, innovation, and sustainability

Regular committee meetings

Conduct scheduled meetings of hospital committees, IQAC, and external boards to systematically evaluate Ayurveda practice outcomes and identify improvement areas.

Outcomes evaluation

Assess the effectiveness of Ayurveda treatments to ensure quality care and identify gaps in service delivery and resource.

Resource gap identification

Identify needs such as facilities, human units and advanced diagnostics to enhance clinical capabilities and patient care.

TelenAyurveda consultations

Introduce telemedicine services to expand access to Ayurveda consultations, improving patient reach and convenience.

Integrative clinics

Establish clinics combining Ayurveda with modern medicine to provide comprehensive, patient-centered care.

Lifestyle modification modules

Develop programs focusing on lifestyle changes targeted at managing chronic disease effectively with Ayurveda practices.

Continuous quality improvement

Implement ongoing cycles of evaluation and innovation to sustain and grow a high Ayurveda practice with evolving healthcare demands.

Champion integration, quality assurance, and innovation in Ayurveda for sustainable health outcomes.

Conclusion: Ayurveda's Strategic Role in Achieving SDG 3





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27. LOCAL HEALTH TRADITION AND SDG_s ALIGNMENT



INTEGRATING LOCAL HEALTH TRADITIONS WITH SUSTAINABLE DEVELOPMENT GOALS

An educational resource for students and researchers on Indigenous health and sustainability



With Dr. Knaflitz
Presented

EXECUTIVE SUMMARY: OUTCOME-DRIVEN INTEGRATION OF LHT AND SDGS

Executive Summary



Dissemination and critical knowledge sharing of Lateral Health Traditions (LHTs).
Systematic recording and critical assessment of Indigenous health practices to preserve traditional knowledge.



Curriculum integration combining western, Ayurvedic, and folk practices.
Merging formal Ayurvedic education with folk health traditions to create a comprehensive learning framework.



Academic initiatives fostering experiential learning and community engagement.
Programs encouraging hands-on learning and active involvement with local communities.



Clinical and community implementation including LHTs in wellness programs.
Applying traditional health practices in clinical and community settings to assess their effectiveness.



Monitoring outcomes at academic and community levels.
Tracking and evaluating the impact of LHT integration both in educational institutions and local populations.



Reporting to IOAC/NAAC demonstrating institutional commitment to SDG 3 and SDG 11.
Disseminating evidence to quality assurance bodies highlighting contributions to health and sustainable development goals.



Establishing sustainable mechanisms and strategic partnerships.
Creating ongoing evaluation systems and collaborative networks to ensure long-term success.

SIGNIFICANCE OF LOCAL HEALTH TRADITIONS (LHTS) IN SUSTAINABLE DEVELOPMENT

Significance of Local Health Traditions (LHTs)

Preservation of indigenous healthcare knowledge
safeguards cultural heritage (SDG 11).
Maintaining traditional healthcare practices protects
valuable cultural identity and heritage within communities.

Contributes to sustainable healthcare solutions in
local contexts.
Local health traditions offer context-specific,
environmentally sustainable healthcare alternatives.

Bridges gap between traditional and modern
healthcare education and services.
Facilitates integration and collaboration between traditional
knowledge and modern medical systems.



Enhances community health through time-tested
traditional practices (SDG 3).
Traditional methods contribute effectively to improving
health outcomes at the community level.

Supports preventive wellness and community
resilience.
Emphasizes prevention and strengthens the ability of
communities to cope with health challenges.

STEP 1: DOCUMENTATION AND KNOWLEDGE MAPPING OF LHTS

Step 1: Documentation and Knowledge Mapping



STEP 2: INTEGRATING LHTS INTO ACADEMIC CURRICULUM

Step 2: Curriculum Integration

Incorporate Local Health Traditions into teaching modules and practical demonstrations.



Examples include Deshpande lessons on local medicinal plants and Deshpande covering regional dietary and seasonal health practices.

Blend codified Ayurveda with non-codified folk traditions.



This approach ensures a holistic understanding of health practices, integrating formal and folk knowledge systems.

Promote cultural sustainability through experiential learning activities.



Activities such as heritage walks, ethnomedical surveys, herbium development, and community-based student projects enhance hands-on learning.


Students gain comprehensive understanding of living traditions.



This integration enhances both academic rigor and cultural competence among students.


STEP 3: CLINICAL AND COMMUNITY IMPLEMENTATION OF LHTS

Step 3: Clinical and Community Implementation




Validate and refine local health practices for wellness programs and outreach. Incorporate formal medicine, preventive health, and traditional healer to enhance health initiatives.

Update local formulations and community-specific diet plans.
Develop interventions for seasonal illness and the plans related to community health promotion.



Enhance community acceptance and awareness of preventive health behaviors.
Promote widespread adoption of health practices through education and outreach.

Facilitate integration of traditional wisdom with modern clinical practices.
Bridge Indigenous knowledge with contemporary healthcare to improve outcomes.



Create sustainable health models rooted in Indigenous knowledge.
Support long-term public health improvements by leveraging local resources.

STEP 4: MONITORING AND EVALUATION OF ACADEMIC AND COMMUNITY OUTCOMES

Step 4: Monitoring and Evaluation

Indicator Type	Indicators
Academic Indicators	Student participation rates
Academic Indicators	Field project reports
Academic Indicators	Reflective learning documentation
Community indicators	Increased awareness of sustainable local practices
Community indicators	Adoption of preventive health behaviors
Community indicators	Enhanced community engagement in healthcare programs
Usage	Use these metrics for continuous improvement and impact assessment
Strategic Recommendation	Integrate robust M&E frameworks to track success and inform policy adjustments

STEP 5: REPORTING AND DOCUMENTATION FOR INSTITUTIONAL ACCREDITATION

Step 5: Reporting and Documentation

Document comprehensive records of local health traditions including plants, remedies, and practices.
This ensures preservation and recognition of indigenous knowledge within the institution.

Provide evidence of academic integration through lesson plans, student projects, and surveys.
Demonstrates the incorporation of local health knowledge into educational curricula and research activities.

Maintain records of community engagement such as health camps, awareness drives, and outreach programs.
Highlights the institution's active role in promoting community health and awareness.

Report outcomes including improved student knowledge, cultural heritage preservation, and community adoption of safe health practices.
Shows the tangible benefits and impact of the initiatives on stakeholders.

Support reports with evidence like photos, field survey reports, herbarium samples, and testimonials.
Provides credible and verifiable documentation to strengthen institutional submissions.

Facilitate submission to IGAC/NAAC showcasing institutional commitment to SDG 3 (Good Health and Well-being) and SDG 11 (Sustainable Cities and Communities).

Align institutional efforts with national and global sustainable development goals for accreditation.

STEP 6: REVIEW AND SUSTAINABILITY MECHANISMS

Step 6: Review and Sustainability



Establish regular review meetings to evaluate the relevance, accuracy, and ethical valuation of documented Local Health Traditions (LHTs). These meetings also focus on updating academic modules to reflect evolving community health practices.

Develop strategic partnerships with ATUOH bodies, local governments, NGOs, and community organizations. Collaborations aim to strengthen support systems and resource sharing for LHT initiatives.

Aim to sustain and scale LHT initiatives over time through continuous engagement and partnership. Ensuring the longevity and expansion of health traditions within communities.

Institutionalize LHT integration as a dynamic, evolving process. This approach benefits both health outcomes and cultural sustainability in the long term.



PRIORITIZE ETHICAL COLLABORATION AND INTEGRATE INDIGENOUS HEALTH TRADITIONS TO SUSTAIN HEALTHIER COMMUNITIES



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28. RARE PLANTS (ACADEMIC AND CONSERVATION STRATEGIES) AND SDG



Rare Plants and Their Role in Achieving SDG 15

Setting the stage for understanding rare plant conservation aligned with global sustainability targets

[Nilsin Kivinen](#)



Identification and Documentation of Rare Plants

Identification and Documentation of Rare Plants



Conduct comprehensive field surveys with botanists, local communities, and forest departments.

Establish a checklist of plants and their uses, including medicinal and other traditional uses.

Focus on rare, endangered, or threatened species, especially those used in Ayurveda and traditional medicine.

Conduct field visits and interviews with local people to gather information on plant uses.

Document botanical names, local names, ethnomedicinal uses, habits, and conservation status.

Establish a database of plant species and their uses, including medicinal and other traditional uses.

Create a scientifically validated database supporting academic study and conservation strategies.

Develop a user-friendly interface for accessing and updating the database.

Foundation for all subsequent conservation and academic initiatives.

Support conservation and academic research through the database.

Integrating Rare Plants into Academic Curriculum

- **Inclusion of rare plants in teaching modules for Dravyaguna, Rasashastra, and Baidharyajit students.**
Enhances specialized knowledge for students in traditional and allied health sciences through targeted curriculum integration.
- **Use of herbarium collections and organized field visits to enhance experiential learning.**
Provides hands-on learning opportunities that deepen understanding of plant biodiversity and conservation.
- **Supplement physical specimens with digital resources such as e-herbaria, photo atlases, and databases.**
Expands access to rare plant information through modern digital tools, facilitating comprehensive learning.
- **Link biodiversity knowledge with healthcare and sustainability education.**
Integrates ecological concepts with health sciences to promote a holistic understanding of plant utility and conservation.
- **Reinforce SDG 15 learning targets within the curriculum.**
Aligns academic content with Sustainable Development Goal 15, emphasizing life on land and ecosystem conservation.
- **Build awareness and knowledge among future conservation and healthcare professionals.**
Prepares students to contribute effectively to plant conservation and sustainable healthcare practices.

Conservation Measures for Rare Plants

Ensuring both species survival and ecosystem health through diverse conservation approaches.

Establish ex-situ sites, herbaria, botanical gardens, medicinal plant nurseries, and seed banks

Creating dedicated spaces and facilities to support rare plant conservation and seed preservation.

Employ controlled propagation, in vitro tissue culture, and ex-situ conservation methods (greenhouses)

Utilizing advanced scientific techniques to propagate and maintain rare plants outside their natural habitats.



Conduct in-situ conservation through community awareness drives, plantation programs, and local collaborations

Engaging local communities to protect rare plants within their natural environments via education and active participation.

Aim to protect endangered species and sustain ecosystems by combining scientific and community-based strategies

Integrating scientific methods with community involvement to ensure the long-term survival of species and ecosystem health.

Research and Innovation in Rare Plant Conservation

Driving scientific excellence and innovation to support sustainable biodiversity management.



Encourage student and faculty projects on pharmacognosy, phytochemistry, and conservation biology.

Promoting hands-on academic research to advance knowledge in rare plant conservation disciplines.



Foster academic inquiry supporting practical conservation solutions.

Emphasizing research that translates into actionable strategies for conserving rare plants.



Build partnerships with institutions like CCRA, NMPQ, and biodiversity boards for recognition and resources.

Collaborating with key organizations to enhance resource availability and formal acknowledgment.



Promote interdisciplinary collaboration to enhance conservation science and application.

Integrating diverse scientific fields to improve conservation outcomes and innovation.

Monitoring and Evaluation of Conservation Efforts

Tracking indicators to improve conservation outcomes

Key Indicators

Track number of well-identified, assessed, and prioritized conservation outcomes



Student Participation

Track involvement of students in field research, educational, and conservation activities



Community Awareness

Track community awareness, capacity, and engagement in conservation



Survival Rates

Track survival rates of plants or animals in protected areas and outside boundaries of protected areas



Data Assessment

Use standardized metrics and assessment strategies to evaluate conservation progress



Adaptive Management

Apply data-driven insights to inform adaptive management and continuous improvement strategies



Accountability

Ensure transparency and effectiveness through systematic monitoring and evaluation processes



Comprehensive Reporting for Biodiversity Conservation

Report Components	Details / Examples
List of new plants documented	Annual compilation of new plant species recorded
Academic activities	Lectures, projects, herbarium development, student feedback
Conservation initiatives	Treesets, gardens, seed banks, restoration sites
Outcomes	Number of plants conserved, community awareness, publications
Evidence	Photographs, field reports, herbarium sheets, plantation records, collaborations with government/NGOs
Report submissions	Reports submitted to ICAC/IAAC to demonstrate institutional contribution to BCG-18

Review and Sustainability Cycle for Rare Plant Initiatives

Ensuring long-term resilience and relevance of conservation efforts.



Review and Sustainability Cycle for Rare Plant Initiatives

Ensuring long-term resilience and relevance of conservation efforts.

- Engage students, faculty, local herbaria, and policymakers in dialogue
- Continuous collaboration with academic, community, and policy stakeholders fosters innovative and informed conservation practices

Ongoing



Continuous

- Maintain initiatives as dynamic, academic and community-driven practices
- Re-evaluate conservation programs, remain flexible and responsive through active participation and knowledge exchange

Strategic Alignment with SDG 15: Life on Land

Rare plant initiatives contribute directly to SDG 15 targets.

These initiatives focus on protecting and restoring terrestrial ecosystems, halting biodiversity loss, and promoting sustainable use of natural resources.




Conservation actions support ecosystem resilience and community livelihoods.

Efforts to conserve rare plants help maintain ecosystem health and provide benefits to local communities.



Academic integration enhances education for sustainable development.

Incorporating rare plant conservation into academic programs supports awareness and knowledge for sustainability.



Join efforts in conservation
research, education, and
community collaboration to
advance [SDG 15](#)



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29. STUDENT FEEDBACKS AND SDGs ALIGNMENT





Enhancing Quality Education: Student Feedback Systems and SDG 4 Alignment

This presentation outlines a robust framework for student feedback systems, vital for continuous improvement in higher education and direct alignment with Sustainable Development Goal 4 (Quality Education).

Agenda

A Holistic Approach to Student Feedback

01

Framework Development & Planning

Laying the foundation for comprehensive feedback mechanisms.

02

Systematic Implementation

Administering feedback efficiently and effectively.

03

Reporting & Closing the Loop

Communicating findings and demonstrating impact.

04

Designing Feedback Tools

Crafting effective instruments for data collection.

05

Analysis & Interpretation

Deriving actionable insights from collected data.

06

Review & Improvement Cycle

Ensuring continuous evolution and enhancement.

Framework Development & Planning

Effective student feedback requires a well-structured framework that addresses all critical aspects of the educational experience. The framework below outlines a clear path of feedback goals and delivery methods, while suggesting the level of energy/feedback/feedback culture in 2024.

Key Feedback Levels

- **Departmental Level:** setting, setting, support services
- **Regional Level:** resources, support, learning outcomes per subject
- **University Level:** strategy, alignment, effectiveness of teams



Designing Feedback Tools

The quality of feedback is directly tied to the design of the tool used. Well-structured questionnaires and digital forms are crucial for gathering comprehensive and actionable data. This step ensures that feedback is not only collected efficiently but also provides meaningful insights aligned with competency-based education.

Quantitative & Qualitative

Use Likert scales for quantitative data and open-ended questions for qualitative insights.

Mapping to Outcomes

Align questions with intended learning goals and program outcomes (ILOs) to link feedback to specific competencies.

Confidentiality & Anonymity

Ensure students feel safe to provide honest and unbiased input, fostering trust in the system.



Step 3

Systematic Implementation

Effective implementation of feedback collection is key to ensuring high response rates and representative data. A systematic approach, leveraging various channels and clear intervals, ensures timely insights for continuous improvement.

Collection Intervals

- *Mid-semester:* For timely course corrections.
- *End-of-semester:* For overall course and instructor evaluation.
- *Post-assessment:* To evaluate the quality of specific examinations.

Collection Channels

- *Online forms* via student portals.
- *Classroom surveys.*
- *Dedicated mentor-mentee meetings.*

Encourage participation: Faculty and academic committees must actively promote and explain the value of feedback to students to ensure robust data sets.

Analysis & Interpretation

One critical feature you must incorporate into your analysis is actual meaningful insights. The key to doing this is to use appropriate techniques, guiding requirements, a healthy skepticism, and consistent design.

Analysed Approaches

- Qualitative: Extracted values from percentages, trend components of total score data
- Quantitative: Methods using statistical techniques to identify learning patterns and outcomes



Step 2

Reporting & Closing the Loop

Transparent and comprehensive reporting is crucial for accountability and demonstrating the impact of student feedback. Crucially, the feedback loop must be closed by communicating actions taken back to the students, reinforcing trust and encouraging future participation.

Participation Data	Number of respondents, year, program.
Consolidated Results	Department, discipline, and assessment-wise summaries.
Visual Representation	Graphical displays of strengths and areas for improvement.
Action Taken Reports (ATRs)	Specific actions taken (e.g., remedial classes, LIT integration, redesigning assessments).
Evidence of Improvement	Demonstrable progress in subsequent feedback cycles.

Reports should be shared with internal quality assurance bodies (e.g., AQAC/NAAC) to prove ongoing commitment to quality.

SDG 4: The Core Connection



The entire student feedback framework directly supports **SDG 4: Quality Education**.

- **Inclusive & Equitable:** By addressing diverse student needs and creating fair assessment practices.
- **Lifelong Learning:** By fostering an environment of continuous improvement and responsiveness to evolving educational demands.
- **Enhanced Learning Outcomes:** By continuously refining teaching methods and course content based on student experience.

This alignment demonstrates an institution's commitment to global sustainability goals.

Step 6

Review & Improvement Cycle

Student feedback is not a one-off process but an institutionalized cycle of continuous review and enhancement. This adaptive approach ensures the feedback system remains relevant and impactful over time.

Tool Updates

Regularly review feedback tools to reflect curriculum changes and new pedagogical practices.



Faculty Development

Link feedback outcomes directly to professional development programs for faculty to build coaching competencies.

Institutional Goals

Ensure the feedback process evolves to align with broader institutional strategic objectives and quality benchmarks.

Key Takeaways & Next Steps

Takeaways

- Student feedback is a strategic asset for continuous quality improvement.
- A systematic, closed-loop process is essential for effectiveness.
- Directly aligns with SDC 4, fostering inclusive and equitable education.

Next Steps

- *Establish Inter-Departmental Task Force:* To oversee implementation and ensure consistency.
- *Pilot Programmes:* Implement the framework in selected departments for initial testing and refinement.
- *Training Workshops:* Conduct sessions for faculty and staff on feedback tool design and data interpretation.

Thank you. Questions?



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3. Remedial Classes Aligned with SDGs



◆ **Inclusive Education**

Ensure quality learning

Identify learning needs

Address learning gaps

Provide re-education

Commitment through education

◆ **Lifelong Learning**

Encourage ongoing growth

Remedial Classes Aligned with **SDG 4 & SDG 10**

Promoting inclusive education and reducing inequalities.

Methods to Identify Learners Needing Support

Key strategies to accurately identify learners requiring immediate interventions

Use data to determine to whether learners' academic strengths and weaknesses effectively.

Use learners' classroom and off-classroom-related potential learning challenges as well.

Collect qualitative insights from teachers and staff to identify students needing additional support.

Important strategies to use include: progress monitoring, peer review, classroom knowledge, and more.

Assessing and Categorizing Learner Needs

Tailoring virtual teaching through learner analysis



Curriculum Planning for Effective Remedial Classes

Focused strategies to address learning gaps and boost confidence

Delivering content in a simplified and focused manner ensures clarity and helps learners grasp essential concepts efficiently, minimizing cognitive overload and addressing diverse learning levels.

Personalized study plans cater to individual learner requirements.

Developing customized study plans allows educators to address specific weaknesses and strengths, promoting targeted learning and enabling learners to progress at their own pace effectively.

Incorporating peer support and bridge programs helps learners overcome deficiencies by fostering collaborative learning environments, encouraging knowledge sharing and mutual academic support.

Using slow-paced lessons with clear explanations and one-to-one mentoring ensures comprehensive understanding, allowing learners to clarify doubts and receive personalized academic guidance.

Utilizing varied instructional methods and ICT tools for increased engagement.

Employing various languages where appropriate and integrating ICT tools facilitates cultural learning and interactive demonstrations, making education accessible and culturally relevant.

Conducting small group discussions encourages participation, critical thinking, and peer interaction, which enhances understanding and retention of remedial class content.

Effective Strategies for Remedial Class Implementation

Best practices for inclusive and flexible learning



Schedule classes at convenient times
Avoid student overload by flexible timing



Ensure accessibility for all learners
Support marginalized and differently-abled students



Adopt empathetic, stigma-free faculty approaches
Generate faculty for supportive teaching methods



Leverage peer mentors and alumni resources
Use senior students for learner support



Create a flexible, inclusive wrap system
Honor learner growth and motivation

Monitoring and Assessing Remedial Class Effectiveness

Assess methods and TPTs for validating remedial interventions

- 1 Use of formative tests and proctored demo reflections**
Employ form tests and hands-on tests to evaluate learning progress.
- 2 Gather learner reflections and feedback to enhance remedial strategies**
- 3 Analyze academic results before and after remedial support for impact**
- 4 Monitor theory and practical exam scores to measure learning gains**
- 5 Assess increased engagement and confidence during remedial classes**
- 6 Monitoring attendance and engagement levels**
Ensure consistent presence and active involvement in remedial sessions.

Structured Reporting for Transparency and Accountability

Key records and purposes for student equity and quality

Facile evidence to substantiate and monitor better

Use structural reports to provide proof of equity and inclusion efforts to highlight successful requirements from state and federal regulators.

Assess institutional effectiveness in 2021 and 2022 in

the areas of student success, retention, and graduation rates to inform the institution's strategic development plans.

Reduce adverse impact from existing student

enrollment and support programs and policies to address the needs of diverse students and ensure equitable requirements.

Collect student feedback and faculty reflections regularly

Collect qualitative feedback from students and educators to evaluate the effectiveness and relevance of interventions.

Provide a list of students identified for successful support

Provide a list of students who are successful in meeting the requirements of state and federal regulations.

Monitor diagnostic test and course assessment outcomes

Monitor diagnostic test and course assessment outcomes to identify learning gaps and provide targeted support and resources to meet students' needs.

Track graduation and attendance rates for successful students

Monitor graduation and attendance rates to identify areas for improvement and provide targeted support and resources to successful students.

Assess skills of teaching methods and materials used in instruction

Assess the effectiveness of teaching methods and materials used in instruction to provide targeted support and resources to improve teaching and learning.

Embedding Continuous Improvement in Academic Quality

Sustainable strategies to enhance research teaching and student success

1

Embedding research teaching in the curriculum and ensuring it is a core part of the academic experience.

2

Developing research teaching and research engagement programmes for staff and students.

3

Embedding research teaching and research engagement in the curriculum and ensuring it is a core part of the academic experience.

4

Embedding research teaching and research engagement in the curriculum and ensuring it is a core part of the academic experience.

5

Embedding research teaching and research engagement in the curriculum and ensuring it is a core part of the academic experience.

6

Embedding research teaching and research engagement in the curriculum and ensuring it is a core part of the academic experience.

7

Embedding research teaching and research engagement in the curriculum and ensuring it is a core part of the academic experience.

Conclusion and Next Steps for Ayurveda Educators

Empowering inclusive, equitable Ayurveda education through remedial strategies

Remedial classes ensure inclusive, equitable Ayurveda education alignment for 2020's and 100 years.

Qualification, clinical curriculum, appropriate implementation, and assessment/gardens for better success.

Collaboration with peers and academic committees, focus on continuous improvement in teaching practices.

Empower holistic education to empower every Ayurveda student and enhance institutional quality. *Shreebhakti*.



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ACADEMICS

4. ICT INTEGRATION FOR AYURVEDA



ICT Integration for Ayurveda Teacher Orientation

Training Ayurveda Educators through ICT aligned with SDGs



Explore current trends and barriers in ICT adoption among Ayurveda teachers.

Understanding the digital era



Assess ICT's impact on teaching quality and student learning outcomes.

Assessing effectiveness



Highlight best practices for integrating ICT in ayurvedic education.

Success



Provide alignment of ICT integration with SDG 4 and SDG 9 goals.

Building infrastructure



Encourage maximization with preserving Ayurveda's cultural essence.

Address challenges



Empower Ayurveda teachers to enhance faculty and education quality.

Empower people

ICT Usage Aligning with SDG 4 and SDG 9

Enhancing Assured education through digital innovation and infrastructure



Enhancing educational quality and inclusivity

Focus on improving learning and access



Fostering innovation with resilient infrastructure

Building strong digital foundations



Bridging teaching gaps through digital tools

Using technology to improve methods



Promoting access to e-learning and assessments

Facilitating online resources and tests

Analyze current practices

Evaluate existing teaching-learning methods

Limited digital ACCESS

Insufficient availability of digital resources

Lack of interactivity

Flack of interactive digital simulations

Online assessment gaps

Few platforms for tests and feedback

Minimal data usage

Rare use of data-driven teaching aids

Purposeful ICT adoption

Use ICT tools for learning improvements

Enhance learning quality

Focus on immersive educational outcomes

Promote inclusivity

Ensure equitable access through ICT

Identifying ICT Gaps in Ayurveda Teaching

Analyzing teaching practices to enhance learning quality with ICT

Planning and Resource Allocation for ICT in Ayurveda

Aligning ICT goals with Ayurveda education and sustainable development

- 1 Define clear ICT objectives aligned with Ayurveda goals

Focus on blended learning and digital access

- 2 Strengthen ICT infrastructure with modern facilities

Upgrade labs, smart classrooms, and internet

- 3 Develop digital repositories and promote research

Digitize classical texts and support research

- 4 Collaborate with IT providers for innovation

Partner with industry for sustainable ICT growth

Implementing ICT in Ayurveda Teaching & Learning

Enhancing education with digital tools aligned to SDG 4: Inequality

1. Teacher training in essential ICT tools

Empower faculty by developing skills in presentation software, simulation tools, digital manuscripts, and virtual labs to enhance Ayurveda teaching methods.

2. Promote student use of e-learning resources

Encourage students to engage with e-learning portals, online journals, MOOCs, and clinical case repositories for comprehensive Ayurveda learning.

3. Utilize online platforms for flexible learning

Integrate tools like Zoom, Google Meet, and LMS to support remote, blended, collaborative, and self-paced Ayurveda education.

4. Foster inclusive learning environments

Integrate assistive technologies and alternative digital formats to ensure accessibility and inclusivity in Ayurveda teaching.

5. Support clinical and diagnostic practice simulations

Use simulation software and virtual labs to provide practical clinical experience virtually, enhancing diagnostic skills in Ayurveda students.

6. Ensure equitable access to digital resources

Promote fairness in digital learning by providing equal access to ICT tools and resources, supporting Sustainable Development Goal 4: Inequality.

7. Encourage collaborative and self-paced education

Leverage online tools to enable interaction among learners and allow students to learn at their own pace in Ayurveda studies.

Assessment and Monitoring of ICT Impact in Ayurveda Education

Effective evaluation methods enhancing transparency and teaching innovation



Use both qualitative and quantitative metrics to measure ICT effectiveness

Comprehensive evaluation approach



Monitor student engagement levels in e-learning platforms

Track active participation



Evaluate improvements in exam performance through ICT tests

Measure student progress



Gather feedback surveys from students and faculty on ICT usage

Collect user insights



Analyze faculty usage statistics of ICT tools for teaching

Assess tool adoption



Highlight case studies showcasing innovation in teaching and research

Demonstrate best practices



Implement ICT-enabled evaluation methods like online quizzes and case

Digital assessment tools



Use digital platforms for Objective Structured Clinical Examinations (OSCE/OSPE)

Virtual clinical assessments



Maintain e-portfolios documenting continuous student progress

Facilitating development

Effective Reporting of ICT Usage and Outcomes

Supporting accreditation and improvement

Maintain systematic documentation for ICT accountability

Keep detailed records of ICT resources and usage to ensure transparency and continuous improvement.

Inventory of ICT resources including smart classrooms

Track hardware and software assets such as smart classrooms, LMS, and educational software effectively.

Record participation in digital learning initiatives

Document faculty and student engagement in ICT-based sessions for comprehensive usage analysis.

Capture multimedia evidence of ICT implementation

Use photographs, attendance logs, session screenshots, and testimonials to validate ICT usage.

Report outcomes linked to performance and research

Analyze ICT's impact on student achievement, accessibility, and research productivity for quality assurance.

Support accreditation and quality assurance processes

Align ICT reporting with standards from NAAC, QCI, and IQAC for institutional excellence.

Continuous Review and Improvement Cycle in Ayurveda Education

Enhancing digital pedagogy and ICT for sustainable growth

Regular Digital Workshops

Conduct regular workshops and Faculty Development Programs to enhance skills in digital pedagogy among Ayurveda teachers for effective teaching.

Periodic ICT Upgrades

Upgrade ICT infrastructure periodically to integrate emerging technologies that support innovative educational methods and improve learning experiences.

Innovative Educational Tools

Incorporate AI-based learning analytics, telemedicine for Ayurveda clinical training, and VR for advanced diagnostics to foster personalized and immersive learning.

Culture of Innovation

Promote a culture of sustained innovation and adaptability, ensuring ICT remains a dynamic driver of educational excellence and institutional growth.



Innovative ICT Tools & Best Practices in Ayurveda Education

Enhancing Ayurveda Education with ICT for 2024 and 2025 Alignment



Blended Learning
Combine Classical and Digital Resources



Simulation Software
Replicate Diagnostic Procedures Virtually



E-Portfolios
Track Competencies and Skills



Adaptive Technology
Customize Learning Experiences

Conclusion and Next Steps for ICT in Ayurveda Education

Aligning ICT adoption with SDGs for sustainable Ayurveda teaching



ICT enhances Ayurveda education quality and inclusion

Integrating ICT into Ayurveda education quality and promotes inclusivity, supporting Sustainable Development Goal 4.



Innovation aligns with Sustainable Development Goal 9

Institutional innovation and infrastructure investments foster sustainable industrial development and research infrastructure.



Strategic planning and monitoring are crucial

Research, planning, implementation, and monitoring are essential for successful ICT adoption.



Continuous professional development supports sustainability

Ongoing learning and skill development ensure sustainable and effective use of ICT in Ayurveda education.



Innovative tools engage teachers and students

Adopting innovative digital tools and best practices enhances the learning experience in Ayurveda.



Conduct a departmental needs assessment first

Begin ICT adoption by evaluating specific requirements within your Ayurveda Department for targeted improvements.





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5. MENTOR-MENTEE SYSTEM IN AYURVEDA EDUCATION



MENTOR-MENTEE SYSTEM IN AYURVEDA EDUCATION

Enhancing student well-being and academic success aligned with SOG 3 & SOG 4

Key Objectives Of Ayurveda Mentorship Orientation

Structured mentor-mentee framework introduction

This orientation presents a clear mentorship model designed to support Ayurveda educators in fostering academic and personal growth in students.

Enhance academic excellence aligned with SOG 4
Mentorship emphasizes focus on improving educational outcomes, promoting quality learning outcomes within Sustainable Development Goal 4.

Equip teachers with practical mentorship methods
The program empowers Ayurveda educators with effective, evidence-based mentoring techniques for meaningful engagement with mentees.

Promote student health and well-being (SOG 3)
Mentorship also targets student health and wellness, supporting Sustainable Development Goal 3 through holistic care and guidance.

Foster holistic student development approach
Mentorship emphasizes comprehensive growth, integrating academic, emotional, and health aspects to nurture well-rounded Ayurveda students.

Align Ayurveda education with global goals
The system strategically integrates Ayurveda teaching practices with International Sustainable Development Goals to enhance relevance and impact.

Build confidence in mentorship implementation
Educators gain assurance and skills necessary to successfully establish and maintain effective mentor-mentee relationships within Ayurveda institutions.

MENTOR-MENTEE SYSTEM AND ITS PURPOSE

Structured guidance for holistic student growth and support.

1. Structured Guidance System

A formal mechanism offering academic and personal support to students.

2. Enhance Quality Education

Enhance learning through academic monitoring and career advice.

3. Promote Health and Well-being

Offer psychological and health counseling for student well-being.

4. Holistic Student Growth

Focuses beyond academics to nurture overall development.

5. Academic Performance Monitoring

Regularly track and support student's academic progress.

6. Personal and Psychological Support

Provide counseling addressing mental and emotional health needs.

7. Career Guidance Program

Outline students for lifelong learning and career planning.

EFFECTIVE MENTOR AND MENTEE ALLOCATION STRATEGIES

Drafting clear roles and personalized engagement for Ayurveda teachers

Optimal mentor-mentee ratio

Maintain a ratio of 1 mentor to 10-12 mentees to ensure personalized attention and meaningful interactions between faculty and students.

Formal allocation lists

Place and communicate allocation lists to both faculty and students for transparency and clear understanding of their roles and responsibilities.

Clear roles and accountability

Define roles to enhance accountability, fostering trust and effective relationship building in the mentorship process.

STRUCTURED MENTOR- MENTEE INTERACTIONS IN AYURVEDA EDUCATION

Scheduled meetings to support academic and well-being goals

Scheduled one-to-one or group meetings

Mentors conduct regular, planned sessions either individually or with groups to ensure consistent communication and personalized guidance for mentees.

Discuss academic progress regularly

Mentors review learning difficulties, attendance, and examination results to identify areas needing support and improvement.

Address well-being and lifestyle issues

Conversations include managing stress, lifestyle habits, and nutrition to promote holistic health aligned with SOG 2 goals.

Guide career development activities

Mentors support extracurricular, research engagement, and lifelong learning opportunities consistent with SOG 4 for sustained professional growth.

Promote nutrition and preventive health

Mentors emphasize the importance of nutrition and preventive health practices as integral to student well-being and SOG 2 commitments.

Early identification of student challenges

Structured interactions enable mentors to detect academic or personal issues promptly, facilitating timely intervention and support.

MAINTAINING RECORDS AND ENSURING CONFIDENTIALITY IN MENTORING

Essential documentation and privacy practices for Ayurveda mentors

- **Keep detailed records of all mentoring activities**
 - Include agendas and feedback
- **Document health referrals when applicable**
 - Track important health notes
- **Respect confidentiality and privacy at all times**
 - Drop names/information
- **Provide empathetic and non-judgmental support**
 - Encourage open communication



- **Create safe spaces for mentees to share concerns**
 - Foster trust and safety
- **Use referral pathways for institutional support**
 - Direct to counseling centers
- **Build trust to ensure they mentorors**
 - Support psychological needs
- **Strengthen institutional support systems**
 - Enhance mentoring effectiveness



Student Attendance Track
Improved attendance rates as a key success indicator.



Academic Performance Measure
Enhancement in student grades and learning outcomes.



Mental Health Monitor
Stress reduction and better mental health outcomes.



Student Feedback Gauge
Increased satisfaction via surveys and feedback.



Dropout Rates
Analyze reductions in student dropout percentages.



Progress Reports
Use semester-wise mentor reports to track student progress.



Intervention Documentation
Record interventions and challenges faced during mentoring.



Continuous Improvement
Use data to support institutional decision-making and growth.

MONITORING OF MENTOR-

REPORTING FRAMEWORK FOR MENTOR-MENTEE SYSTEM

Ensuring quality and accountability through comprehensive reports



Detailed events—event allocation list
Includes participant details for clarity



Record of meeting frequency and notes
Tracks interaction consistency and methods



Documentation of issues and interventions
Captures problems and support actions



Outcomes and supporting evidence
Shows improvements with feedback and reports

REVIEW AND CONTINUOUS IMPROVEMENT OF MENTORSHIP

Strategies to enhance mentorship aligning with SOG 3 & SOG 4

- 1 Regular mentor meetings under Academic Committee or IQAC**
Conduct scheduled meetings to evaluate mentorship progress and maintain system oversight by academics or quality assurance bodies.
- 2 Analyse effectiveness and identify gaps in the system**
Systematically review mentorship outcomes to detect shortcomings and areas requiring enhancement for better support.
- 3 Introduce digital portals and anonymous feedback channels**
Leverage technology by implementing digital platforms and confidential feedback mechanisms to improve mentor-mentee communication.
- 4 Provide refresher training on sensitivity and communication**
Offer periodic training sessions focusing on diverse student needs, effective communication, and counseling techniques to mentors.
- 5 Evolve system with changing student and institutional needs**
Continuously adapt the mentorship program to align with dynamic educational requirements and institutional goals.
- 6 Ensure alignment with Sustainable Development Goals 3 & 4**
Maintain the mentorship system's focus on promoting good health, well-being, and quality education as per SOG 3 and SOG 4.

ALIGNING AYURVEDA EDUCATION WITH SDG 3 AND SDG 4

Mentorship bridges holistic health and quality education goals

Integrate Ayurveda for holistic health



Supports SDG 3 well-being

Prioritize lifelong learning in Ayurveda



Enhances academic excellence

Mentorship links Ayurveda and SDGs



Empowers resilient students

CONCLUSION AND NEXT STEPS FOR AYURVEDA EDUCATORS

Key takeaways and actionable steps for effective mentorship

Key Principles And Educator Responsibilities For Ayurveda Mentorship

MENTOR-MENTEE SYSTEM SUPPORTS AYURVEDA STUDENTS ACADEMICALLY AND PERSONALLY. THIS SYSTEM IS ESSENTIAL FOR HOLISTIC STUDENT DEVELOPMENT AND WELL-BEING THROUGHOUT THEIR EDUCATION.

MENTORSHIP ALIGNED WITH DUG 3 AND DUG 4 IMPROVES HEALTH AND EDUCATION QUALITY. INTEGRATING SUSTAINABLE DEVELOPMENT GOALS ENHANCES STUDENT WELFARE AND LEARNING OUTCOMES EFFECTIVELY.

EFFECTIVE MENTORSHIP REQUIRES STRUCTURED ALLOCATION, REGULAR INTERACTION, DOCUMENTATION, ORGANIZED MENTOR ASSIGNMENTS AND CONSISTENT COMMUNICATION. ENSURE QUALITY MENTORSHIP AND PROGRESS TRACKING.

EDUCATORS MUST COMMIT TO ETHICAL, CONFIDENTIAL, AND PROACTIVE MENTORING. ACTIVE AND CARING EDUCATOR INVOLVEMENT BUILDS TRUST AND STRONG MENTOR-MENTEE RELATIONSHIPS.



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6. Identifying Key Certifiable Skills for Ayurveda Education



Overview of Certifiable Skills & SDG Alignment

Enhancing curriculum and employability through certified skills aligned with SDG 4 and SDG 8

- Identification of relevant skills
- Curriculum integration and training design
- Implementation and documentation
- Assessment and certification processes
- Reporting outcomes aligned with SDGs
- Continuous review and improvement cycles

Identifying Key Certifiable Skills for Ayurveda Education

Aligning Ayurveda skills with standards and community needs



Certifiable skills must align with Ayurveda curriculum standards

Skills should meet established Ayurveda educational requirements to ensure students' consistency and regulatory compliance.



Skills need to follow NISM regulatory guidelines strictly

Adherence to NISM framework guarantees that certifiable skills meet national healthcare regulatory expectations.



Healthcare sector demands practical, patient-centered skills

Skills should address real-world patient care needs within the healthcare sector for effective clinical application.



Local community health priorities influence skill selection

Certifiable skills must reflect regional health and wellness needs to maintain community relevance and impact.

Curriculum Integration & Training Module Design

Structured skill integration for effective Hyunda teaching

Linking skills to outcomes

Define clear student achievements

Detailed training specifications

Specify hours and roles clearly

Diverse teaching methods

Case studies and clinical exposure

Student and teacher roles

Clarify responsibilities for learning

Comprehensive assessments

Include practical and theory exams

Structured approach benefits

Ensures clarity and uniformity

Effective Implementation of Skill Training in Ayurveda Education

Supervised practical training methods and certification collaboration

Students receive supervised practical training through multiple methods

Practical skill development is ensured via laboratory sessions, clinical postings, skill labs, ICT-enabled simulations, and field-based practice under faculty supervision.

Laboratory sessions provide hands-on experiential learning

Laboratory sessions offer students the opportunity to build experiential knowledge with skill practice, including theoretical knowledge with practical application in Ayurveda.

Clinical postings offer real-world patient interaction experience

Clinical postings provide students with real-world patient interaction experience, allowing them to apply their theoretical knowledge in a practical setting.

Skill labs and ICT-enabled simulations enhance skill acquisition

Skill labs equipped with multimedia and ICT-enabled simulation tools provide interactive learning experiences for students to practice and refine their skills in a controlled environment.

Field-based practice connects students with community healthcare settings

Field-based practice provides students with real-world patient interaction experience, allowing them to apply their theoretical knowledge in a practical setting.

Students maintain logbooks or e-portfolios for skill documentation

Students maintain logbooks or e-portfolios to document their practical experiences, which are utilized and signed off by faculty to ensure accountability and progress tracking.

Collaboration with professional bodies enables joint certification

Collaboration with industry, government agencies, and professional organizations enables joint certification, ensuring that students receive recognized and industry-relevant qualifications.

Assessment & Certification of Professional Skills

Objective evaluation and certification for Advanced educators



Objective Evaluation

Skills assessed through structured clinical exams



Direct Observation

Procedural skills observed in real time



Assessment Tools

Use of checklists and other assessment methods



Certification Standards

History demonstrated to predefined levels



Certificate Details

Includes skill, authority, and scope



Professional Credibility

Intense selection and industry recognition

Reporting & Documentation for Quality Assurance

Maintaining Quality Records for Accreditation and SOG Impact



Maintain Updated Records

Departments must periodically update lists of certificate units offered.



Document Training Details

Include training schedules, modules, and resource persons involved in programs.



Collect Student Evidence

Student logbooks and exit portfolios serve as proof of competency development.



Track Outcomes and Impact

Record employability, placements, entrepreneurship, and clinical success data.

Continuous Review and Improvement Cycle

Sustaining quality through feedback, updates, and benchmarking



Feedback Collection

Collect insights from students, alumni, employees



Skill Updates

Regularly review and update skill sets



New Certifications

Introduce relevant certifications in a timely manner



Phasing Out

Remove obsolete or less relevant skills



Benchmarking Standards

Compare with best practices and similar programs



Quality Sustenance

Ensure alignment with existing industry demands



Strategic Alignment of Ayurveda Education with SDG 4 & SDG 8

Integrating quality education and economic growth objectives in Ayurveda teaching



SDG 4 – Quality Education

1. Promote inclusive, skill-based, lifelong learning opportunities
2. Ensure curriculum meets regulatory and community needs
3. Enhance teaching methods through structured training modules



SDG 8 – Decent Work & Economic Growth

1. Enhance employment prospects with recognized certifications
2. Foster entrepreneurship through skill development
3. Support economic growth by preparing a skilled healthcare workforce

Key Performance Indicators for Ayurveda Skill Certification

Measuring success through certifiable skills and outcomes

Skill Register
Annual review of
certifiable skills

**Certification
Reim**
Student training
completion
metrics

**Employability
Share**
Post-certification
job placement
rate

Placement Data
Tracking jobs and
entrepreneurship

**Quality
Portfolio**
Assessment of
skill portfolio

**Stakeholder
Feedback**
Scores from
students and
employers

**Data-Driven
Insights**
Continuous
curriculum
enhancement

**Alignment with
SDGs**
Curriculum maps
industry needs

Conclusion and Next Steps for Ayurveda Educators

Key actions and summary to enhance Ayurveda teaching quality:

Certifiable skills link quality education with employability and SDG goals.

Recognizing certifiable skills ensure education aligns with Sustainable Development Goals 4 and 8, enhancing student career prospects.

Structured processes are vital for curriculum integration and quality assurance.

Effective identification, curriculum design, assessment, and reporting are essential to maintain consistent educational standards.

Continuous improvement keeps education relevant to industry and community needs.

Regular updates and feedback loops ensure Ayurveda teaching adapts to evolving healthcare demands and stakeholder expectations.

Active educator engagement is necessary for training delivery and certification.

Teachers should update skill lists, design training modules, implement assessments, and collaborate with industry for broader recognition.





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7. Orientation on VACs and SDG Alignment



Orientation on VACs and SDG Alignment

Training Agrivocals Teachers on VACs linked to SDG 4 &
SDG 8

1 Focus on Quality
Education (SDG 4)
Enhance knowledge and
learning

1 Enhance Student
Employability
Boost job readiness

1 Promote Decent Work
and Growth (SDG 8)
Prepare for employability

1 Integrate VACs into
Agrivocals Curriculum
Improve student skills

1 Equip Educators with
Practical Insights
Enable confident course
design

Understanding Value-Added Courses in Ayurveda Education

Enhancing employability and aligning education with SDGs 4 and 6

Value-added knowledge beyond their curriculum

Provide extra skills and competencies to students

Support SDG 4 and SDG 6 goals

Improve education quality and economic growth

Prepare students for diverse career paths

Train students, employees and entrepreneurs

Ayurveda-specific examples of VACs

Dietary eating, diagnostic, pharmacognosy



Identifying Skill Gaps for VAC Design

Systematic assessment to target real student needs



Systematic Assessment
Identify skill deficiencies



Stakeholder Engagement
Involve students and experts



Focus Areas
Employability,
entrepreneurship, research



Agenda Needs
Emerging tech and business
skills

Structuring Effective Value-Added Courses

Designing competency-aligned Ayurveda courses with practical skills focus

- **Define clear objectives and learning outcomes**

Align course objectives with competencies to ensure focused skill development.

- **Set duration and credits appropriately**

Structure course length and credit value to fit academic requirements and workload.

- **Use diverse teaching-learning strategies**

Incorporate lectures, workshops, and demonstrations for effective knowledge transfer.

- **Implement robust assessment methods**

Assess through assignments, practical exams, case studies, and projects to gauge skills.

- **Complement with Ayurveda curriculum**

Focus course content on practical skills enhancing the core Ayurveda syllabus.

- **Provide real-world course examples**

Examples include clinical lab skills and entrepreneurship in Ayurveda for applied learning.

Effective Implementation Strategies for VACs

Flexible, asset-driven approaches ensuring practical skill development



Assessment and Certification of VACs

Effective evaluation methods to verify real-world competence



**Comprehensive
Evaluation**



Joint Certification



**Certification
Benefits**



**Real-World
Linkage**

Comprehensive Reporting and Documentation for VACs

Ensuring accountability and SOC alignment through detailed VAC records



Maintain detailed records of all VACs introduced annually

Track course objectives, duration, resource persons, and delivery modes accurately.



Collect comprehensive student data including enrollment and completion

Document assessment results and certificates to support performance tracking.



Get the evidence such as workshop photos, materials, and feedback

Use qualitative and quantitative data like placement and entrepreneurship outcomes.



Incorporate VAC reports into Academic and IQAC reports

Demonstrate contributions towards SOC 4 and SOC 2 for continuous improvement.

Mechanism for Review and Continuous Improvement

Structured feedback drives future-ready programs and courses aligned with innovations.

Key Steps in Review And Continuous Improvement Mechanism



Collect Structured Feedback From Key Stakeholders

Gather feedback systematically from students, faculty, alumni, and industry partners to ensure comprehensive course evaluation and relevance.



Analyze Feedback To Refine Existing VACs

Utilize collected feedback to refine existing Value-Added Courses (VACs), improving content quality and alignment with educational objectives.



Identify Emerging Trends And Skill Gaps

Analyze insights to detect new trends and skills gaps, ensuring courses remain current and address evolving industry needs.



Introduce VACs Aligned With Healthcare Innovations

Develop new courses focused on innovations like AI in healthcare, telemedicine, and integrative health approaches to keep curricula future-ready.



Ensure Continuous Bridging Of Learning And Workplace

Maintain a dynamic course portfolio that bridges classroom learning with workplace expectations, fostering employability and practical skills.

Strategic Alignment of VACs with SDG 4 and SDG 8

Enhancing Ayurveda education and employability through VACs

Support Entrepreneurship

VACs encourage innovation and entrepreneurship in herbal medicine and healthcare industries.

Enhance Employability

VACs improve job readiness via competency certification and collaboration with industry partners.



Expand Lifelong Learning

VACs broaden learning opportunities beyond core curriculum, ensuring continuous skill advancement.

Develop Ayurveda Skills

VACs foster comprehensive competencies relevant to Ayurveda and healthcare sectors for holistic education.

Key Takeaways and Next Steps for Ayurveda Educators

Enhancing skills aligned with SDGs through structured VACs



VACs enhance skills aligned with SDGs

VACs develop student skills supporting Sustainable Development Goals 4 and 8 for quality education and economic growth.



Structured approach ensures course effectiveness

Follow needs assessment, design, implementation, assessment, reporting, and review for optimal VAC delivery.



Engage industry and students for relevance

Collaborate with industry experts and students to increase practical value and certification credibility.



Maintain records and update trends

Have detailed documentation for transparency and address emerging trends to keep VACs future-ready.



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8. Aligning Ayurveda Academic Programs with SDG 4



Aligning Ayurveda Academic Programs with

SDG 4

Ensuring Ayurveda education through quality and inclusivity



Understanding the significance of academic programs in Ayurveda education

Emphasize program role in quality education



Highlighting best practices and innovations for Ayurveda teacher development

Share effective teaching strategies and tools



Aligning Ayurveda curricula with Sustainable Development Goal 4

Focus on promoting quality education standards



Engaging experienced and new Ayurveda teachers for orientation

Engage diverse educator audience effectively



Identifying curriculum improvement and inclusivity challenges

Target enhancements and equitable access



Presenting expertise in Ayurveda curriculum enhancement

Secure authoritative guidance and support



Evaluating effectiveness of academic programs in supporting SDG 4

Measure program impact on learning outcomes



Goal to enhance teaching effectiveness with

90% confidence

Aim for measurable improvements in teaching

Academic Programs Aligned with SDG 4 in Ayurveda

Ensuring inclusive, equitable, and quality education with innovative methods

Inclusive Quality Education

Focus on providing education that is accessible and equitable for all students, regardless of background.

Enhanced Learning Opportunities

Academic programs should broaden student access to varied and engaging educational experiences.

Strengthening Inclusivity

Promote inclusion across socio-economic, gender, and academic diversity to foster equal participation.

Resassure Education Quality

Implement systems to track and improve education standards through clear and measurable outcomes.

Lifelong Learning Focus

Encourage non-formal education opportunities beyond formal schooling to sustain ongoing professional growth.

Innovative Teaching Methods

Integrate new pedagogical approaches to enhance engagement and comprehension in Ayurvedic education.

Equal Access to Resources

Ensure all students have fair access to learning materials and resources without barriers.

Equity in Learning Outcomes

Design learning systems that accommodate diverse learner needs to promote fairness and participation.



Identifying Needs for Ayurveda Academic Programs

Planning programs aligned with SDC 4 and lifelong learning



Analyze
Curriculum
Gaps



Monitor
Emerging
Trends



Select
Program
Types



Align with
SDC 4



Focus on
Lifelong
Learning

Designing Effective Academic Programs for Ayurveda Teachers

Key components and strategies to align programs with curriculum outcomes and educational quality.

Define clear objectives and learning outcomes

Establish specific, measurable objectives and expected learning outcomes to guide the program's focus and ensure academic rigor in Ayurveda education.

Identify the target audience precisely

Determine whether the program is designed for students, faculty, or mixed groups to tailor content and delivery methods effectively.

Select expert course persons

Choose instructors and facilitators with relevant expertise in Ayurveda to maintain high academic standards and enrich the learning experience.

Choose appropriate delivery modes

Decide between offline, online, or blended learning modes to optimize accessibility and engagement for participants.

Incorporate diverse teaching-learning strategies

Use interactive lectures, group discussions, case-based learning, and practical demonstrations to foster active participation and deeper understanding.

Align programs with curriculum and competencies

Ensure programs link directly to curriculum outcomes and competencies, contributing to overall educational quality and sustainable development goals.

Systematic Implementation of Academic Programs

Organizing Academic programs ensuring inclusivity and active engagement



Confirm resource persons and materials

Secure qualified resource persons and prepare comprehensive reading materials to support effective learning and delivery of Academic academic programs



Arrange venues or ICT platforms

Organize appropriate physical venues or reliable ICT platforms to facilitate smooth delivery of academic sessions, ensuring accessibility for all participants



Promote active student participation

Encourage engagement among students and faculty through interactive sessions and collaborative activities to maximize learning outcomes



Ensure inclusive participation

Ensure representation across gender, socio-economic, and academic backgrounds, aligning with SOG-4's equity principle to leave no student behind

Evaluation and Assessment for Quality Assurance

(Measuring outcomes to enhance program learning quality, effectiveness)

Pre-Post Tests

Use tests before and after programs to measure knowledge gain/loss.

Participant Feedback

Collect surveys to understand participant perspectives and satisfaction.

Skill Demonstration

Assess practical skills through demonstrations to verify competency development.

Outcome Focus

Define programs emphasize learning outcomes and just event completion.

Continuous Improvement

Identify areas needing enhancement for ongoing academic quality assurance.

Reporting and Documentation for Institutional Quality

Structured practices to uphold academic and QIS standards

Maintain comprehensive program records

Institutional dates, objectives, and resource persons



Document participant and resource details

List of students, faculty, and external experts



Collect evidence of learning outcomes

Certificates, portfolios, and performance metrics



Use reports to support quality assurance

Annual QAC, TQAC, and QIS report submissions



Review and Continuous Improvement of Ayurveda Programs

Using feedback to align Ayurveda education with national and global standards



Faculty and committees review program outcomes

Faculty and academic committees systematically assess program results to ensure learning objectives are met and identify areas needing enhancement for Ayurveda education.



Incorporate feedback from stakeholders

Feedback from participants and stakeholders is integrated into program redesign to address learning needs and improve educational effectiveness and relevance.



Align improvements with policies and trends

Program enhancements are aligned with National Education Policies like NEP 2020, NCISM mandates, and global educational trends to maintain academic excellence and compliance.



Promote innovation and inclusivity

Continuous improvement efforts focus on sustaining program quality while fostering innovation and inclusivity in Ayurveda education to meet evolving academic and societal demands.

Innovations in Ayurveda Teacher Orientation

Enhancing educator skills with innovative, active, and blended learning methods



Simulation and Role-Play

Integrate simulation-based and role-play activities to improve practical teaching capabilities effectively.



Blended Learning Approach

Use blended learning methods combining online and offline tools to maximize accessibility and engagement.



Promote Inclusivity

Address socio-economic and gender barriers to foster an inclusive environment for all Ayurveda educators.



Active Learning Techniques

Encourage active learning through case studies and group discussions to deepen understanding and participation.

Conclusion and Future Directions for Ayurveda Educators

Key takeaways and strategic next steps for curriculum development

Align programs with ISO 4 for quality education

Implement ISO 4 standards to ensure quality education and accreditation.

Implement strategic program planning and evaluation

Develop strategic plans and regularly evaluate program effectiveness.

Conduct continuous curriculum review regularly

Establish a process for regular curriculum review and updates.

Empower faculty members in curriculum innovation

Encourage faculty to lead in innovation and research in curriculum development.



Identify curriculum gaps and deficiencies

Conduct a thorough analysis of current curriculum to identify gaps and deficiencies.

Collaborate to design inclusive programs

Engage stakeholders in the design process to create inclusive and relevant programs.

Utilize evaluation data for continuous improvement

Use evaluation data to inform curriculum updates and improvements.

Share best practices among peers

Engage in peer learning and share successful strategies and practices.



INTERNAL QUALITY ASSURANCE CELL, SHRI DHANWANTRY AYURVEDIC COLLEGE AND HOSPITAL,
CHANDIGARH
"ALL 75" TRAINING MODULE

ACADEMICS

9. PG STUDENTS STATUS



PG STUDENTS' THESIS AND ACADEMIC PROGRESS ALIGNED TO SDG 4

Monitoring postgraduate research and education aligned with SDG 4 objectives



SYSTEMATIC DOCUMENTATION IN PG THESIS RESEARCH

Drawing rigorous teaching and compliance of postgraduate thesis work

Enabling students to thoughtfully record documentation
Structural documentation supports rigorous research methodology and critical
analysis in postgraduate study

Supporting institutions compliance with academic and
regulatory standards
Re-alignment with ISO 9001, university policies and processes
enables students to

Plan and manage research, work effectively and meet deadlines by
mapping

Systematic documentation takes rigour and maintains high research
standards throughout the thesis process



Submission of thesis to thesis for institutional and departmental approval
Students must submit their thesis process adhering to ISO 9001 and university
policies which research requires

Implementation of a comprehensive thesis tracking system
Use non-digital records covering file, approval, methodology, and
other elements to track thesis paper

Tracking progress effectively and managing submission timeline
effectively
Continuous tracking of research milestones ensures timely completion
and adherence to academic standards

Documentation of all activities derived from thesis research work
Recording of all activities in thesis file helps to highlight research output and
academic contribution

THESIS TOPICS ALIGNING LEARNING OUTCOMES WITH SDG 4

Connecting research innovation with sustainable development goals.

Contemporary Challenges

These topics are tailored to address current healthcare challenges, ensuring relevance and practical impact in modern contexts.

Ayurvedic Integration

Research integrates Ayurvedic principles with modern diagnostic tools to bridge traditional knowledge and contemporary medicine.

Research Innovation

Focus on promoting innovation and relevance through novel methodologies ensures that these outcomes contribute meaningfully to academic fields.

SDG 4 Alignment

These themes align with Sustainable Development Goal 4, emphasizing skills development for sustainable and inclusive education.

Advanced Methodologies

Encourages use of statistical tools, ICT applications, and clinical studies to enhance research quality and depth.

Academic Rigor

Enhances academic rigor and contributes to the global knowledge base through structured and methodical research approaches.

ENGAGEMENT IN ADDITIONAL ACADEMIC ACTIVITIES FOR PG STUDENTS

PG students enhance skills through diverse academic and professional activities

1

PG students actively participate in seminars, journal clubs, and case presentations
Academic knowledge sharing

2

Workshops, conferences, and community outreach broaden student experiences
Expanded professional exposure

3

Value-added courses provide skills beyond their curriculum
Skill enhancement beyond research

4

Each activity has defined objectives and clear assessment criteria
Structural and measurable goals

5

Activities develop competencies in research, teaching, and clinical skills
Comprehensive skill development

6

Leadership and professional growth are key developmental outcomes
Covering leadership qualities

7

Faculty mentors supervise to ensure student academic and clinical growth
Guided student development

8

Integrated engagement supports alignment with academic, clinical, and research goals
Integrated development approach

ASSESSMENT AND MONITORING OF PG STUDENT PROGRESS

Structured reviews ensuring research quality and timely corrective actions

1

Regular Updates
Standby quarterly meetings present trends, updates and discuss research challenges.

2

Review Academic Contributions
Assess students' scholarly outputs to maintain consistent academic performance.

3

Journalists Feedback Actions
Receive feedback and corrective measures to promote continuous improvement in research.

4

Mid-term Analysis Standards
Ensure adherence to high academic and research quality benchmarks throughout progress.

5

Early Challenge Identification
Facilitate timely detection of issues to enable prompt interventions and support.

COMPREHENSIVE REPORTING FRAMEWORK FOR PG ACTIVITIES

Structured academic records supporting quality education and SOG 4 alignment

Reporting Support
Facilitates annual departmental and ICAC reports



Progress Monitoring
Supervisor feedback and action taken notes



Consolidated Records
Includes thesis, publications, and teaching activities



Research Involvement
Departmental projects and interdisciplinary collaborations

LINKING POSTGRADUATE EDUCATION OUTCOMES WITH SDG 4

Aligning PG research and education with SDG 4 goals

- SDG 4 promotes inclusive quality education**
SDG 4 emphasizes inclusive, equitable quality education and lifelong learning opportunities accessible to all demographics globally.
- PG research addresses real-world challenges**
Postgraduate theses focus on producing research that directly tackles contemporary social and environmental issues, contributing to sustainable development.
- Skills developed align with sustainability**
Academic activities foster the development of relevant knowledge and skills essential for advancing sustainable development goals and responsible innovation.
- Innovation merges traditional and modern knowledge**
PG education promotes innovation by integrating traditional healthcare practices with modern scientific approaches to enhance solutions.
- Annual reports confirm SDG 4 alignment**
Departmental annual reports provide documented evidence demonstrating active alignment and contribution towards fulfilling SDG 4 objectives.
- Supports institutional mission for quality education**
These efforts collectively support the institution's mission to deliver quality higher education and contribute significantly to global academic research.

ENHANCING RESEARCH TRAINING AND ACADEMIC GROWTH

Refining research methods and fostering collaborations for PG scholars.

Training Refinement

Refine research training approaches by analyzing monitoring outcomes to ensure continuous enhancement of PG students' research skills and academic competencies.

Ta yed Workshops

Offer specialized workshops focused on research methodology, academic writing, and publishing to equip faculty and students with essential scholarly skills.

Strategic Collaborations

Establish partnerships with external research centers to provide broader exposure, enhancing learning opportunities and academic networking for PG scholars.

Professional Development

Engage faculty and students in ongoing professional development initiatives to maintain and elevate research standards and academic excellence.

Academic Advancement

Strengthen postgraduate scholars' academic profiles and boost the institution's reputation through systematic capacity building and research excellence.

KPIS AND SUCCESS METRICS FOR PG STUDENTS

Tracking progress align with SDG_4 and institutional goals.

THESIS QUALITY

Measure the number and quality of thesis submissions and approvals to assess research excellence among postgraduate students.

RESEARCH OUTPUT

Track publication counts and conference presentations to evaluate the dissemination and impact of student research.

STUDENT ENGAGEMENT

Monitor participation in academic and community activities to ensure holistic development and active involvement.

FEEDBACK INTEGRATION

Incorporate feedback and improvement actions from progress reviews to continuously enhance student performance and research quality.

INNOVATIVE METHODS

Assess the integration of innovative methodologies within research to foster creativity and advance academic standards.

CONCLUSION AND STRATEGIC NEXT STEPS FOR PG RESEARCH EXCELLENCE

Summary of quality measures and future actions aligned with SOG 4

- 1. **Systematic documentation underpins quality PG education**
Consistent monitoring ensures postgraduate education aligns effectively with SOG 4 goals and standards.
- 2. **Integrating thesis work with learning outcomes**
Aligning thesis research with learning objectives fosters relevance and drives innovation in academic programs.
- 3. **Active academic engagement builds competencies**
Participation in academic activities develops comprehensive skills essential for research excellence and professional growth.
- 4. **Continuous assessment ensures quality improvement**
Ongoing evaluation maintains academic standards and promotes sustained enhancement of postgraduate programs.
- 5. **Strategic reporting highlights departmental SOG contributions**
Transparent reporting showcases the department's impact on SOG 4 and institutional accountability.
- 6. **Next steps focus on training and data enhancement**
Strengthening collaborations, improving data systems, and fostering research culture are critical for sustained progress.