



Diamond Educational Society

8-B, North Drive, DLF Farms, Chhattarpur, New Delhi-110074
Reg. No. S/66524/2009

Dated.....7/3/23.....

Ref. No.: DES/C.P./2023/ 348

To,

Dr. Pankaj Aggarwal,
Professor and Dean,
School of Engineering and Technology,
K.R. Mangalam University
Gurugram (Haryana)

Subject: Grant of Consultancy Project.

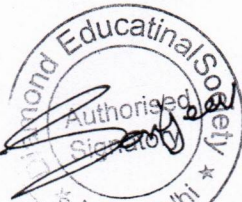
Dear Dr. Pankaj,

It is hereby informed you that your proposal has been accepted and you have been granted a consultancy project entitled "REVOLUTIONIZE EDUCATIONAL SYSTEMS BY IMPLEMENTING STRATEGIC INTERVENTIONS TAILORED TO ADDRESS THE EVOLVING NEEDS AND CHALLENGES FACED BY EDUCATIONAL INSTITUTIONS".

We are pleased to approve this project and has agreed to pay consultancy amount of Rs. 25,00,000/- (Rs. Twenty Five Lakhs Only) for Holistic Skill Development of our students, Faculty Enhancement, and Innovative Teaching-Learning Framework Optimization.

Regards,

For Diamond Educational Society



Authorized Signatory (Sign and Seal)


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Consultancy Proposal for Schools under the aegis of Diamond Educational Society

Prepared by Dr. Pankaj Agarwal

The primary of this consultancy proposal is to revolutionize educational systems by implementing strategic interventions tailored to address the evolving needs and challenges faced by educational institutions.

We stand committed to elevating the educational landscape by addressing three core objectives. These objectives form the foundation of our endeavor, representing a meticulous and purpose-driven approach to enhance the academic environment, empower both students and faculty, and innovate the teaching-learning framework. Our consultancy operates under the core principles of fostering holistic skill development, fortifying core values, empowering faculty, and optimizing the teaching-learning framework.

Objective 1: Holistic Skill Development and Core Values Inculcation

Our primary objective is to conduct a meticulous assessment aimed at identifying the essential skill and value-based training needs among students. Through this evaluation, we will meticulously discern the distinct training requirements, subsequently crafting and instituting specialized certification programs. These programs will be meticulously aligned with the identified criteria, meticulously designed to foster holistic skill development while inculcating core values. Our goal is to empower students with a comprehensive set of competencies vital for their personal, academic, and professional growth.

Objective 2: Faculty Enhancement and Industry Alignment

In our commitment to ensuring a dynamic and robust educational environment, we will conduct a comprehensive evaluation pinpointing educational gaps within the faculty. This assessment will serve as the foundation for formulating and implementing targeted, practical training initiatives. These initiatives are meticulously tailored to address the identified gaps, aligning faculty skills and knowledge with the evolving demands and standards of the industry. Our objective


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is to empower educators to excel in their roles and effectively navigate the changing educational landscape.

Objective 3: Innovative Teaching-Learning Framework Optimization

Our consultancy endeavors to propose a reformed and optimized teaching-learning framework, aiming to enrich and deepen the educational experience. This strategic reconfiguration will adapt to the evolving educational landscape by integrating innovative methodologies and cutting-edge technologies. Our goal is to create a transformative educational experience, fostering comprehensive and impactful learning outcomes that resonate with the contemporary needs of students and educators alike.


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Objective 1: Holistic Skill Development and Core Values Inculcation (Budget Allocation: Rs 1,500,000)

Plan Overview:

Conduct surveys and assessments in collaboration with education boards, institutions, and industry experts to identify skill and value-based training needs among students.

Phase 1: Preparation (Duration: 2 weeks)

- **Stakeholder Identification:** Identify and engage with relevant education boards, schools, colleges, and key industry experts within Delhi for collaboration.
- **Survey Design:** Develop survey methodologies and assessment frameworks in consultation with educational stakeholders to capture a wide spectrum of student skill requirements.

Annexure I: Sample format for Student Skill and Value-Based Training Survey Form

Phase 2: Survey Execution (Duration: 6 weeks)

- **Survey Distribution:** Conduct surveys across a diverse student population to gather comprehensive data regarding their perceived skills, interests, and potential areas for value-based training.
- **Focus Group Sessions:** Organize focus group discussions to delve deeper into specific skill needs and preferences among students.

Preparatory Stage

- i. **Identify Participant Groups:** Select students representing various grades, interests, and skill areas, ensuring a diverse and comprehensive representation.


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- ii. Recruitment and Consent: Reach out to selected participants, explain the purpose of the focus groups, and secure their consent to participate.

Focus Group Organization

- i. Group Formation: Arrange groups comprising 6-8 students, aiming for diversity in skills and interests within each group.

Annexure II: Sample Group Formation Assessment Sheet

- ii. Facilitator Preparation: Train facilitators in effective moderation and active listening to ensure an environment conducive to open discussions.

Annexure III: Feedback on Facilitator training

Focus Group Discussions

- i. Discussion Topics and Framework: Develop structured guidelines with open-ended questions on skill needs, interests, and training preferences.
- ii. Moderated Sessions: Conduct moderated discussions led by trained facilitators, allowing participants to express their thoughts, needs, and ideas freely.

Data Compilation and Analysis

- i. Recording and Documentation: Record discussions and document key insights, ideas, and suggestions from each session for comprehensive analysis.
- ii. Thematic Analysis: Analyze the recorded data to identify common themes, critical needs, and emerging trends across the focus groups, providing a robust foundation for the survey analysis.

Phase 3: Data Analysis and Collaboration (Duration: 4 weeks)


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- **Data Compilation:** Analyze the collected survey data, categorizing and collating responses to identify recurring skill and value-based training needs.

Following methodology will be used to analyze the collected survey data:

- I. **Descriptive Statistics:** statistical measures to summarize and describe the collected survey data. This includes mean, median, mode, standard deviation, and variance to understand the central tendencies and distributions of responses.
 - II. **Data Segmentation:** Group the responses based on specific criteria such as age groups, grades, subjects, or any other relevant segmentation that could provide insights into particular patterns.
 - III. **Qualitative Analysis:** Analyze open-ended responses to extract qualitative data, possibly using methods like content analysis or thematic coding to identify recurring themes or issues.
 - IV. **Quantitative Analysis:** Utilize statistical tools to quantify responses, such as frequency analysis to identify the most common needs or concerns.
 - V. **Correlation and Regression Analysis:** Explore relationships between different variables to understand if there are correlations or predictive factors influencing the identified training needs.
 - VI. **Data Visualization:** Create visual representations like charts, graphs, and infographics to illustrate findings effectively, aiding in the communication of key insights
- **Collaboration with Experts:** Engage with industry professionals and educational experts to validate and refine the identified skill requirements and align them with industry demands.

Possible Outcomes of this Phase

- I. **Identification of Key Training Needs:** A comprehensive report detailing the recurring skill and value-based training needs within the schools under


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the K.R. Mangalam Education Society. This would include a breakdown of identified areas of improvement or focus.

- II. **Prioritized Training Areas:** After analyzing the data, prioritize the identified training needs based on their recurrence, urgency, and impact. This will help in focusing on the most critical areas first.
- III. **Recommendation of Training Programs:** Based on the analysis, suggest specific training programs or modules that address the identified needs. These could include soft skills training, teacher development programs, curriculum enhancements, etc.
- IV. **Insights for Collaboration:** Highlight potential collaboration opportunities within the schools or with external entities (if necessary) to address the identified needs. This could involve partnerships with other educational institutions, experts, or organizations.
- V. **Actionable Insights for Decision-Making:** Provide actionable insights to the K.R. Mangalam Education Society, aiding in informed decision-making for resource allocation, curriculum development, or faculty training.
- VI. **Report and Presentation:** Prepare a comprehensive report and presentation to communicate the findings, recommendations, and insights derived from the data analysis phase.

Phase 4: Program Development (Duration: 6 weeks)

- **Certification Program Formulation:** Develop certification programs based on the identified skill requirements, ensuring alignment with industry standards and future employability needs.
- **Pilot Testing:** Conduct pilot programs within select educational institutions to test the effectiveness and relevance of the certification programs.

Certification programs shall be focused on problem solving, project-based learning, experiential learning, model development, real world case studies in various domains, programming concepts. Following are some of the domains.

- I. Problem-Solving Certification Program


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- II. Project-Based Learning Certification Program
- III. Experiential Learning Certification Program
- IV. Programming Skills Certification Program:
- V. Web Designing Certification Program:
- VI. Foundations of Mobile App Development Certification
- VII. Real-World Case Studies in Environmental Conservation Certification
- VIII. Business and Entrepreneurship Case Studies Certification
- IX. Healthcare and Medical Case Studies Certification
- X. Social Sciences and Global Issues Case Studies Certification

Detailed plan for certification programs is provided in Annexure IV

Budget Details:

Phase	Duration	Details	Amount (Rs)	Justification
Phase 1: Preparation	2 weeks	Research, planning	100,000	Allocation for initial research, planning activities, and preparatory work for subsequent survey execution and data analysis.
Phase 2: Survey Execution	6 weeks	Survey design, administration	100,000	Budget covers survey specialists, software tools, and data collection costs for a comprehensive survey execution.
		Skill assessment tests	200,000	Includes the cost for test development, data analysis software, and assessment tools to gauge skill levels among students.


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Phase	Duration	Details	Amount (Rs)	Justification
Phase 3: Data Analysis and Collaboration	4 weeks	Analyzing survey data	100,000	Budget for expertise in data analysis, collaboration, and report generation for identifying recurring skill and value-based training needs.
Phase 4: Program Development	6 weeks	Certification program design	100,000	Allocation for developing certification programs aligning with identified skill requirements, industry standards, and employability needs.
		Resource allocation	900,000	Budget for curriculum design, resource materials, trainers' fees, and necessary materials for the devised certification programs.

Total Budget: Rs 1,500,000

Certification Programs Budget

Certification	Proposed Cost (Rs)	Learning Objectives	Expected Outcomes
I. Problem-Solving Certification Program	100,000	Enhancing critical thinking and analytical skills through problem-solving techniques and strategic decision-making processes.	Improved problem-solving aptitude and effective analytical skills applied across various domains.


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Certification	Proposed Cost (Rs)	Learning Objectives	Expected Outcomes
II. Project-Based Learning Certification Program	120,000	Fostering skills in project management, collaboration, and the practical application of acquired knowledge in real-life scenarios.	Proficiency in executing projects, enhanced collaborative abilities, and practical knowledge application in diverse situations.
III. Experiential Learning Certification Program	90,000	Promoting hands-on learning, fostering creativity, and adaptability through real-life experiences and experimental learning approaches.	Enhanced creativity, adaptability, and a deeper understanding of practical applications in various learning environments.
IV. Programming Skills Certification Program	150,000	Providing a comprehensive understanding of programming concepts and languages, fostering coding skills and logical thinking.	Proficiency in coding, logical thinking, and the ability to develop basic software programs and applications.
V. Web Designing Certification Program	100,000	Cultivating skills in web development, graphic design, and user experience (UX), fostering the creation of interactive web platforms.	Proficiency in designing user-friendly and visually appealing websites and web applications.
VI. Foundations of Mobile App Development Certification	130,000	Offering a foundational understanding of mobile app development and its principles, including UI/UX design and basic app creation.	Competence in initiating basic mobile app development and designing user-friendly interfaces for mobile applications.
VII. Real-World Case Studies in Environmental	90,000	Educating on environmental issues, conservation strategies, and practical solutions	Comprehensive understanding and solutions-oriented approach to


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Certification	Proposed Cost (Rs)	Learning Objectives	Expected Outcomes
Conservation Certification		through real-world case studies.	environmental issues and conservation strategies.
VIII. Business and Entrepreneurship Case Studies Certification	110,000	In-depth analysis of business strategies, entrepreneurship models, and practical case studies for business innovation and growth.	Enhanced understanding and strategic thinking for business development and entrepreneurship.
IX. Healthcare and Medical Case Studies Certification	120,000	Exploring medical case studies, health innovations, and problem-solving approaches in the healthcare domain.	In-depth knowledge of healthcare scenarios, problem-solving, and innovative solutions in medical practice.
X. Social Sciences and Global Issues Case Studies Certification	100,000	Delving into social sciences, global issues, and their impacts through various case studies and practical solutions.	Comprehensive understanding and problem-solving skills in social sciences and global issues through real-world case studies.
Total Proposed Budget	1,000,000 -		-


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Objective 2: Faculty Enhancement and Industry Alignment (Budget Allocation: Rs 1,700,000)

1. Conduct a comprehensive analysis of faculty capabilities, identifying learning gaps through surveys and skill assessments.
2. Design and execute hands-on training programs tailored to the identified gaps, providing faculty with industry-relevant skills and knowledge.

Phase 1: Initial Assessment (Duration: 2 weeks)

- i. **Survey Design:** Develop a comprehensive survey to understand faculty skills, teaching methodologies, and their perception of industry-relevant skills.
- ii. **Skill Assessments:** Administer skill assessment tests to identify gaps in subject expertise, pedagogy, and familiarity with technological advancements.

Annexure V: Survey to understand faculty skills, teaching methodologies, and their perception of industry-relevant skills.

Phase 2: Data Collection and Analysis (Duration: 3 weeks)

- i. **Survey Distribution:** Circulate surveys among faculty members to gather feedback and insights.
- ii. **Skill Assessment Tests:** Conduct assessments and analyze the results to identify specific areas of improvement.
- iii. **Data Compilation:** Collate and analyze the collected data to identify common themes and areas requiring enhancement.

Phase 3: Gap Analysis and Reporting (Duration: 2 weeks)

- i. **Gap Identification:** Analyze survey and assessment data to pinpoint specific learning gaps within the faculty.
- ii. **Report Preparation:** Compile a detailed report highlighting identified gaps, prioritizing areas for improvement, and providing recommendations.


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Phase 4: Training Program Design (Duration: 4-8 weeks)

- i. Training Needs Identification: Based on the identified gaps, design targeted training programs for faculty development.
- ii. Program Structure: Create a structured training plan, incorporating workshops, seminars, online courses, and mentoring sessions.
- iii. Resource Allocation: Determine the resources required, such as expert trainers, learning materials, and technological tools.

Annexure VI: Identification of Faculty Training Programs & Certifications:

Training /certification programs on following domains will be focused:

- a. Analytical Problem-Solving Skill development
- b. Research Development Skills
- c. Hands-On Skills on Latest Industry Trends
- d. Case Studies on Real-World Problems of Society
- e. Project Development Skills for IT Industry
- f. Knowledge of Various Specializations for Career Development
- g. Concept Development with Models and Simulation Software
- h. Basic Programming Skill Development
- i. Aptitude & Soft Skill Development among Students
- j. Knowledge of Indian Culture, History, Society, Mythology, etc.

Proposed Budget for training programs

Program Name	Learning Objectives	Training Cost (Rs)	Training Duration	Expected Outcomes
Analytical Problem-Solving Skill Development	Enhance faculty skills in analytical thinking and problem-solving techniques to apply in various academic scenarios and real-world problems.	100,000	6 weeks	Improved analytical abilities, critical thinking, and problem-solving aptitude among faculty.


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Program Name	Learning Objectives	Training Cost (Rs)	Training Duration	Expected Outcomes
Research Development Skills	Develop skills in conducting and managing research projects, honing the ability to explore and innovate in various academic disciplines.	120,000	8 weeks	Improved research capabilities, project management skills, and ability to innovate and explore new areas.
Hands-On Skills on Latest Industry Trends	Acquire updated skills and knowledge aligned with current industry trends to impart relevant and up-to-date knowledge to students.	90,000	4 weeks	Updated skillset, familiarity with current industry trends to bridge the gap between academia and industry.
Case Studies on Real-World Problems of Society	Educate faculty on practical problem-solving approaches for societal issues through real-world case studies, fostering social awareness.	110,000	6 weeks	Comprehensive understanding of societal issues, development of problem-solving strategies for societal problems.
Project Development Skills for IT Industry	Train faculty in essential IT project development skills, preparing them to guide students in IT project execution and management.	130,000	8 weeks	Proficiency in guiding students through IT project development, enhanced project management skills.
Knowledge of Various Specializations for Career Development	Offer expertise in various domains, preparing faculty to guide students in their career paths and subject specialization.	140,000	8 weeks	Enriched subject knowledge, enhanced career guidance for students, improved career path guidance.
Concept Development Models	Develop skills in conceptual development using models and simulation software to	100,000	6 weeks	Enhanced ability to apply theoretical concepts practically, proficiency in using simulation software.


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Program Name	Learning Objectives	Training Cost (Rs)	Training Duration	Expected Outcomes
Simulation Software	apply abstract theories in a practical manner.			
Basic Programming Skill Development	Educate faculty with basic programming skills to guide and support students in fundamental coding and logic development.	90,000	4 weeks	Proficiency in guiding students through basic programming concepts, improved logical thinking and coding skills.
Aptitude & Soft Skill Development among Students	Train faculty to foster soft skills and aptitude among students, nurturing their holistic development alongside academic growth.	120,000	6 weeks	Improved soft skills, enhanced student aptitude, and holistic development alongside academic progress.
Knowledge of Indian Culture, History, Society, Mythology, etc.	Deepen understanding and knowledge in the realms of Indian culture, history, society, and mythology to enrich teaching perspectives.	100,000	4 weeks	Enhanced cultural and historical understanding, enriched teaching perspectives, and diversified knowledge in Indian heritage and culture.
Total Proposed Budget	-	1,100,000	-	-

Phase 5: Implementation and Monitoring (Duration: 5 weeks)

- i. Training Delivery: Commence the implementation of the training programs as per the structured plan.
- ii. Progress Monitoring: Regularly assess the progress of faculty members, gather feedback, and make necessary adjustments to the training programs.
- iii. Quality Assurance: Ensure the quality and effectiveness of the programs, making improvements as needed.


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Annexure VII: key metrics for evaluating the performance of faculty

Phase 6: Evaluation and Follow-Up (Duration: 2 weeks)

- i. **Post-Training Assessment:** Conduct evaluations to measure the impact of the training on faculty skills and pedagogical methods.
- ii. **Feedback Collection:** Gather feedback from faculty regarding the effectiveness of the training.
- iii. **Recommendations and Future Strategy:** Prepare a final report with recommendations for continued faculty enhancement and alignment with industry standards.

Annexure VIII: Faculty Training Program Feedback Form

Budget Breakdown:

This plan aims to comprehensively assess faculty capabilities, identify learning gaps, and implement targeted training programs, ensuring alignment with industry demands. The budget allocation covers the various stages of assessment, training design, implementation, and evaluation to enhance the faculty's skills and align them with the evolving educational landscape.

Heading	Amount (Rs)	Details	Justification
Survey Design and Administration	100,000	Hiring survey specialists, software tools, and data collection	Professional expertise and tools needed for comprehensive survey design and administration.
Skill Assessment Tests and Analysis	200,000	Test development, data analysis software, assessment tools	Cost incurred in skill assessment tools and software, alongside experts to analyze the assessment data.


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Reporting and Gap Analysis	100,000	Expertise for analyzing results, report generation	Budget allocated for professional expertise to analyze survey results and create a comprehensive report.
Training Program Design and Resource Allocation	11,00,000	Curriculum design, resource materials, trainers' fees	Allocation for content creation, trainers' fees, and necessary materials for the training programs.
Implementation and Monitoring	100,000	Administrative costs, software tools for tracking progress	Necessary budget for implementing the programs and tracking progress through appropriate software tools.
Evaluation and Follow-up	100,000	Post-training assessments, follow-up activities	Budget allocated for post-training assessments and follow-up activities to measure the training's success.
Total:	1,700,000		


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Objective 3: Innovative Teaching-Learning Framework Optimization (Budget Allocation: Rs 800,000)

1. Collaborate with educators, administrators, and industry experts to propose innovative changes in the teaching-learning framework.

Education is an ever-evolving landscape that requires a dynamic and adaptable approach to meet the changing needs of students and society. In pursuit of delivering a well-rounded and impactful educational experience, collaboration between educators, administrators, and industry experts becomes imperative. This collaborative approach aims to introduce innovative changes in the teaching-learning framework to better prepare students for the challenges of the future.

The Collaboration Process:

- **Engagement in Roundtable Discussions:** Regular discussions among educators, administrators, and industry experts to brainstorm and propose ideas for change.
 - **Workshops and Seminars:** Conducting workshops and seminars where collaborative ideas are discussed, refined, and translated into actionable plans.
 - **Pilot Programs:** Implementing small-scale pilot programs to test the feasibility and effectiveness of proposed changes before wider implementation.
 - **Evaluating and Revising:** Continuously evaluating the outcomes, seeking feedback, and revising strategies to enhance the teaching-learning experience.
2. Create a comprehensive proposal outlining changes to teaching methodologies, curriculum enhancements, and technology integration for a more meaningful and impactful educational experience.


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Comprehensive Proposal

I. Introduction

- Overview of Current Educational Landscape
- Importance of Evolving Teaching Methodologies
- Objectives of Proposed Changes

II. Teaching Methodologies

1. Student-Centered Learning

- Emphasize active student participation and engagement in the learning process.
- Encourage collaboration, discussions, and peer-to-peer learning.

2. Personalized Learning Paths

- Implement adaptive teaching methods catering to diverse learning styles.
- Use technology to personalize learning experiences for students.

3. Project-Based Learning

- Introduce more project-based and hands-on learning experiences.
- Engage students in real-world problem-solving through practical projects.

4. Flipped Classroom Model

- Utilize technology for pre-recorded lectures and in-classroom interactive discussions.
- Facilitate deeper understanding through in-class application and problem-solving.

III. Curriculum Enhancements

1. Interdisciplinary Learning

- Integration of subjects to create a more holistic educational experience.
- Incorporate interdisciplinary projects and assignments.

2. Inclusion of Practical Skills

- Include skill-based subjects preparing students for future employability.
- Encourage entrepreneurship, communication, critical thinking, and problem-solving skills.


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3. Cultural and Social Awareness

- Incorporate lessons on social issues, cultural diversity, and global awareness.
- Offer programs to promote empathy and social responsibility.

IV. Technology Integration

1. Digital Learning Platforms

- Introduce interactive digital platforms for coursework and collaboration.
- Incorporate multimedia and interactive content for diverse learning experiences.

2. Adaptive Learning Tools

- Use adaptive software to personalize learning and assess individual student progress.
- Offer resources for differentiated instruction catering to diverse student needs.

3. Virtual and Augmented Reality

- Implement VR and AR technology to create immersive learning experiences.
- Offer virtual field trips, lab simulations, and historical recreations.

V. Implementation Strategy

- Pilot Programs for New Teaching Methodologies
- Professional Development and Training for Educators
- Resource Allocation and Infrastructure Upgrades

VI. Evaluation and Follow-Up

- Continuous Evaluation and Feedback Mechanisms
- Adjustments and Revisions as Needed
- Long-term Impact Assessment


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Budget Details:

Heading	Heading Details	Amount (Rs)	Justification
Collaboration with Stakeholders	Meetings and Workshops with Educators, Administrators, Industry Experts	250,000	Budget for organizing collaborative sessions and workshops involving various stakeholders, including educators, administrators, and industry experts.
Proposal Development	Research, Consulting, and Proposal Drafting	400,000	Allocation for research, potential consulting fees, and the drafting of a comprehensive proposal outlining changes in teaching methodologies, curriculum enhancements, and technology integration.
Presentation Preparation	Preparation and Documentation	150,000	Budget for compiling findings, creating presentations, and collating the proposal into a clear, impactful presentation for stakeholders, including any visual aids or supporting documentation.


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Facilities available with K.R Mangalam for execution of defined consultancy objectives:

Objective 1: Holistic Skill Development and Core Values Inculcation

Facility	Utilization of Facility	Justification
Assessment Centers	Conducting Skill and Value-Based Assessments	Purpose-built centers with dedicated testing facilities, inclusive of various assessment tools and resources for comprehensive evaluations discerning skill and value-based training needs.
Curriculum Development Labs	Designing Specialized Certification Programs	Equipped labs furnished with software, tools, and teaching resources necessary for curriculum development and designing specialized certification programs tailored to identified criteria.
Personal Development Workshops	Conducting Core Values and Soft Skills Training	Customized workshop spaces for sessions focused on developing core values, ethical behavior, and soft skills critical for personal and professional growth.

Objective 2: Faculty Enhancement and Industry Alignment

Facility	Utilization of Facility	Justification
Faculty Assessment Rooms	Conducting Evaluation of Educational Gaps	Specially arranged rooms with evaluation tools and methodologies for detailed assessment to pinpoint educational gaps within the faculty.
Professional Development Centers	Training Initiatives Aligned with Industry Standards	Dedicated areas equipped for faculty training in accordance with evolving industry


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Facility	Utilization of Facility	Justification
		standards, fostering their skill and knowledge alignment.

Objective 3: Innovative Teaching-Learning Framework Optimization

Facility	Utilization of Facility	Justification
Technology Integration Spaces	Implementing Cutting-edge Technologies	Designated spaces equipped with VR/AR tools, multimedia platforms, and digital learning resources to integrate innovative teaching methodologies and cutting-edge technologies.
Collaborative Meeting Rooms	Facilitating Brainstorming and Collaborative Sessions	Specially arranged rooms fostering collaborative meetings among educators, administrators, and industry experts to propose and refine innovative changes in the teaching-learning framework.
Research and Development Labs	Developing and Testing New Educational Frameworks	State-of-the-art labs for research, equipped with software and tools for testing and refining new educational frameworks in line with contemporary needs.

These facilities are instrumental in catering to the specific objectives of the consultancy project, facilitating a comprehensive approach to address the needs for skill development, faculty enhancement, and the optimization of the teaching-learning framework. Adjustments can be made according to specific educational requirements and program objectives.


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References:

1. Education Commission Reports, Delhi Government, 2022
2. Industry Reports on Educational Skill Gaps, 2021
3. **Central Board of Secondary Education (CBSE):** (cbse.nic.in) - The central board for public and private schools in India.
4. **Delhi Directorate of Education (DoE):** (edudel.nic.in) - Governing body for education in Delhi.
5. **National Council of Educational Research and Training (NCERT):** (ncert.nic.in) - Educational resource and research institution.
6. **Studies by Government in Delhi for Schools:**
7. **"Outcome Budget of Department of Education, Govt. of NCT of Delhi"** - Report outlining the budgetary allocation and achievements in education.
8. **"Annual Status of Education Report (ASER)"** - ASER is conducted in various states, including Delhi, assessing the learning levels of students.
9. **"Delhi Education Revolution - Classrooms of the Future"** - A report or study about innovative educational practices in Delhi.

Conclusion:

This consultancy proposal aims to create a comprehensive educational improvement plan for schools in Delhi, aligning education with industry needs, enhancing student skill development, and empowering faculty with relevant expertise. The proposed budget of Rs 4,000,000 covers all necessary stages of the project, ensuring a significant and positive impact on the educational landscape in Delhi.

Please note that the provided references are indicative and the actual references used will be included in the final report.


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This proposal is subject to further discussion and negotiation for finalization and implementation.

Principal Investigator:

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Annexure I: Student Skill and Value-Based Training Survey Form

Section 1: Personal Information

1. **Name:** [Text Field]
2. **Age:**
 - Under 18
 - 18-24
 - 25-30
 - 31 and above
3. **Grade/Level:**
 - Primary
 - Middle School
 - High School
 - College
4. **School/College Name:** [Text Field]
5. **Contact Email/Phone:** [Text Field]

Section 2: Skill Assessment

Skills/Subjects:

1. Mathematics:
 - Novice
 - Intermediate
 - Advanced
2. Science:
 - Novice
 - Intermediate
 - Advanced
3. Language (Specify): [Text Field]


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- Novice
 - Intermediate
 - Advanced
4. Computer Science:
- Novice
 - Intermediate
 - Advanced
5. Arts/Creative Skills:
- Novice
 - Intermediate
 - Advanced
6. Others (Specify): [Text Field]
- Novice
 - Intermediate
 - Advanced

Section 3: Interest and Activities

Areas of Interest:

1. Sports:
- Low
 - Moderate
 - High
2. Music:
- Low
 - Moderate
 - High
3. Debating/Public Speaking:
- Low
 - Moderate


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- High
4. Coding/Programming:
- Low
 - Moderate
 - High
5. Drama/Theater:
- Low
 - Moderate
 - High
6. Entrepreneurship:
- Low
 - Moderate
 - High
7. Others (Specify): [Text Field]
- Low
 - Moderate
 - High

Section 4: Value-Based Training Needs

Values/Soft Skills:

1. Leadership:
- Not Important
 - Moderately Important
 - Very Important
2. Teamwork:
- Not Important
 - Moderately Important
 - Very Important
3. Communication:


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- Not Important
- Moderately Important
- Very Important

4. Problem-Solving:

- Not Important
- Moderately Important
- Very Important

5. Ethics/Integrity:

- Not Important
- Moderately Important
- Very Important

6. Adaptability:

- Not Important
- Moderately Important
- Very Important

7. Others (Specify): [Text Field]

- Not Important
- Moderately Important
- Very Important

Section 5: Preferred Learning Methods

Learning Preferences:

1. Classroom Learning:

- Strongly Dislike
- Dislike
- Neutral
- Like
- Strongly Like

2. Online Courses:


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- Strongly Dislike
- Dislike
- Neutral
- Like
- Strongly Like

3. Practical/Hands-On Sessions:

- Strongly Dislike
- Dislike
- Neutral
- Like
- Strongly Like

4. Group Projects:

- Strongly Dislike
- Dislike
- Neutral
- Like
- Strongly Like

5. Individual Research/Study:

- Strongly Dislike
- Dislike
- Neutral
- Like
- Strongly Like

6. Others (Specify): [Text Field]

- Strongly Dislike
- Dislike
- Neutral
- Like
- Strongly Like


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Section 6: Suggestions and Feedback

1. **What additional skills or training would you like to have?** [Text Field]
2. **Any other comments or suggestions:** [Text Field]


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Annexure II: Sample Group Formation Assessment Sheet

Group Details:

- **Date of Group Formation:** [Date]
- **Facilitator/Coordinator:** [Name]
- **Purpose of Group Formation:** Organizing diverse groups for focused discussions on skill needs and interests among students.

Criteria for Evaluation:

1. **Diversity in Skills:** Assessing the range of skills present within the group.
2. **Variety of Interests:** Evaluating the diverse areas of interest represented in the group.
3. **Group Dynamics:** Observing the potential synergy and interactions among students within the group.

1. Skills:


- Evaluate the variety of skills each student brings to the group.
- **Examples:** Mathematics, Coding, Science, Art, Computer Science, Languages, Research, Problem-Solving, others as observed.

2. Interests:

- Review the range of interests expressed by each student.
- **Examples:** Music, Drama, Sports, Entrepreneurship, Technology, Debating, Community Service, Writing, Dance, Culinary Arts, others as observed.

3. Group Dynamics:

- Observe how students interact within the group and evaluate their contributions.
- **Examples:** Active participation, communication, active listening, support, open-mindedness, respect for diverse viewpoints, etc.


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Annexure III: Feedback on Facilitator training

Facilitator: [Name]

Training Date: [Date]

Training Objective: Train facilitators in effective moderation and active listening for conducive open discussions.

Training Overview:

The facilitator training session aimed to equip participants with essential skills in effective moderation and active listening. This training focused on preparing facilitators to create an environment conducive to open and fruitful discussions among diverse groups of students.

Training Contents:

1. Effective Moderation Techniques:

- Explanation of the principles and techniques for guiding discussions while maintaining a neutral stance.
- Practical demonstrations showcasing various moderation styles and their impacts on group dynamics.

2. Active Listening Skills:

- Understanding the significance of active listening in fostering engagement and trust within a group.
- Interactive exercises to practice active listening and demonstrate its importance in effective communication.

3. Creating a Conducive Environment:

- Strategies to establish an inclusive and open environment for discussions where diverse viewpoints are respected.
- Role-playing scenarios to address and manage conflicts or differing opinions within a discussion.

4. Case Studies and Examples:

- Sharing real-life case studies and examples illustrating successful facilitation and active listening in group discussions.


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- Analysis of challenging scenarios and their solutions to enhance facilitation skills.

Training Outcomes:

The training successfully provided facilitators with the necessary tools and strategies to moderate discussions effectively and employ active listening techniques. Participants demonstrated an understanding of the significance of their role in fostering an environment where every voice is heard and respected.

Feedback from Participants:

1. **Understanding of Moderation Techniques:**

- Participants expressed appreciation for the clear explanation of various moderation techniques, finding them practical and relevant for diverse group dynamics.

2. **Active Listening Practices:**


- The active listening exercises were cited as highly beneficial, aiding in understanding the importance of attentive listening in group settings.

3. **Environment Creation:**

- Role-playing sessions were particularly valuable in preparing facilitators to manage conflicts and create an inclusive and respectful environment for discussions.

4. **Case Studies and Examples:**

- Real-life examples provided a practical perspective, making the training content relatable and applicable to their role as facilitators.


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Annexure IV : Detailed plan for certification programs

The identified certification programs tailored for school children, focusing on problem-solving, project-based learning, experiential learning, and programming:

1. Problem-Solving Certification Program:

Description: This program aims to cultivate critical thinking and problem-solving skills among students. It focuses on logical reasoning, analysis, and creative problem-solving techniques.

Components:

- **Puzzle Solving Modules:** Introduce various puzzles, riddles, and brain teasers to develop logical and lateral thinking.
- **Case Studies:** Real-world scenarios to analyze and solve problems, enhancing decision-making skills.
- **Mock Problem Challenges:** Simulated problem-solving scenarios where students work collaboratively to find solutions.

Outcome: Certified Problem Solver – Demonstrates proficiency in identifying, analyzing, and solving problems effectively.

2. Project-Based Learning Certification Program:

Description: This program revolves around hands-on projects that encourage teamwork, research, and practical application of knowledge.

Components:

- **Project Design and Management:** Teaching the process of initiating, planning, executing, and presenting a project.
- **Interdisciplinary Projects:** Involving multiple subjects to encourage holistic learning and creativity.
- **Presentation Skills:** Training on how to effectively communicate and present project outcomes.

Outcome: Certified Project-Based Learner – Demonstrates competence in initiating, planning, executing, and presenting interdisciplinary projects.


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3. Experiential Learning Certification Program:

Description: This program emphasizes learning through experiences, experiments, and observations.

Components:

- **Field Trips and Excursions:** Structured visits to museums, nature reserves, industries, and other places to facilitate hands-on learning experiences.
- **Practical Workshops:** Engage students in real-world experiments, problem-solving tasks, and skill-building exercises.
- **Reflective Journals:** Encourage students to maintain journals documenting their learning experiences and reflections.

Outcome: Certified Experiential Learner – Demonstrates an ability to learn and derive insights from hands-on experiences and practical applications.

4. Programming Skills Certification Program:

Description: This program is dedicated to introducing coding and programming skills to school children.

Components:

- **Introduction to Coding:** Basic concepts of coding using child-friendly programming languages.
- **Project Development:** Guided projects allowing students to apply learned coding skills in practical applications.
- **Algorithmic Thinking:** Training in logic, problem decomposition, and algorithmic approaches to problem-solving.


Outcome: Certified Young Coder – Demonstrates proficiency in basic programming skills and problem-solving using coding.

5. Web Designing Certification Program:

Description: Focused on experiential learning methods with a particular emphasis on web designing.

Components:

- **Basic Web Design Skills:** Introduction to web development, HTML, CSS, and user experience principles.
- **Design Thinking Workshops:** Engaging students in the creative process of designing functional and aesthetic websites.



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- **Practical Web Design Projects:** Encouraging students to create their own websites or web elements.

Outcome: Certified Web Designer – Demonstrates proficiency in basic web design principles and practical web development skills.

6. Foundations of Mobile App Development Certification

Description: This certification program is designed to introduce students to the fundamental concepts and skills required in mobile app development.

Components:

- **Introduction to Programming:** Basic concepts of programming using languages like Python or JavaScript.
- **Mobile App Development Basics:** Understanding the structure, components, and design of mobile applications.
- **Hands-On Projects:** Practical projects focusing on creating simple mobile apps with guidance and support.


Outcome: Certificate in Foundations of Mobile App Development - Students will demonstrate an understanding of programming basics, mobile app structures, and the ability to develop simple applications.

7. Real-World Case Studies in Environmental Conservation Certification

Description: This certification program is designed to engage students in real-world case studies related to environmental conservation, sustainability, and ecological challenges.

Components:

- **Case Studies on Environmental Issues:** Engaging students with real-world cases of environmental challenges, such as pollution, deforestation, or climate change.
- **Field Trips and Practical Engagement:** Visits to local conservation areas, waste management facilities, or community-based initiatives.
- **Research Projects:** Guided projects focused on finding solutions or making recommendations based on the case studies.


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Outcome: Certificate in Environmental Conservation - Students will demonstrate an understanding of real-world environmental challenges and propose solutions through case-based learning.

8. Business and Entrepreneurship Case Studies Certification

Description: This certification program immerses students in real-world business scenarios and entrepreneurial case studies.

Components:

- **Case Studies on Business Innovations:** Exploring case studies on successful businesses, entrepreneurship, or marketing strategies.
- **Simulated Business Challenges:** Hands-on exercises or simulations for students to solve problems faced by real companies.
- **Entrepreneurship Projects:** Engaging students in creating their own business ideas or solutions to identified business challenges.

Outcome: Certificate in Business and Entrepreneurship - Students will demonstrate comprehension of real-world business scenarios and propose innovative solutions through case-based learning.

9. Healthcare and Medical Case Studies Certification

Description: This certification program exposes students to real-world healthcare and medical case studies, fostering an understanding of health challenges and medical advancements.

Components:

- **Medical Case Studies:** Examining real patient cases, medical breakthroughs, and public health issues.
- **Hospital Visits and Workshops:** Engaging students in visits to hospitals or clinics, and workshops led by medical professionals.
- **Research Projects:** Investigating health-related problems, proposing solutions, or discussing ethical dilemmas based on case studies.

Outcome: Certificate in Healthcare and Medical Case Studies - Students will demonstrate an understanding of real medical challenges, advancements, and critical thinking in healthcare scenarios.


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10. Social Sciences and Global Issues Case Studies Certification

Description: This certification program delves into case studies on social sciences and global issues, encouraging students to analyze and propose solutions for societal challenges.

Components:


- **Social Sciences Case Studies:** Exploring societal issues, global conflicts, cultural studies, and historical events.
- **Debates and Discussion Forums:** Organizing discussions and debates on current social and global issues.
- **Community Engagement Projects:** Initiating projects addressing social concerns or supporting community-based solutions.

Outcome: Certificate in Social Sciences and Global Issues - Students will exhibit critical thinking and understanding of societal challenges and propose solutions based on case study analysis.

These additional certification programs leverage case studies to immerse students in various real-world contexts, encouraging critical thinking, problem-solving, and an understanding of the complexities within these domains. They offer students a practical understanding of diverse real-world scenarios and encourage them to propose solutions or think critically about the challenges they address.

Certification Programs Budget

Certification	Proposed Cost (Rs)	Learning Objectives	Expected Outcomes
I. Problem-Solving Certification Program	100,000	Enhancing critical thinking and analytical skills through problem-solving techniques and strategic decision-making processes.	Improved problem-solving aptitude and effective analytical skills applied across various domains.
II. Project-Based Learning Certification Program	120,000	Fostering skills in project management, collaboration, and the practical application of acquired knowledge in	Proficiency in executing projects, enhanced collaborative abilities, and practical knowledge application in diverse


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Certification	Proposed Cost (Rs)	Learning Objectives	Expected Outcomes
		real-life scenarios.	situations.
III. Experiential Learning Certification Program	90,000	Promoting hands-on learning, fostering creativity, and adaptability through real-life experiences and experimental learning approaches.	Enhanced creativity, adaptability, and a deeper understanding of practical applications in various learning environments.
IV. Programming Skills Certification Program	150,000	Providing a comprehensive understanding of programming concepts and languages, fostering coding skills and logical thinking.	Proficiency in coding, logical thinking, and the ability to develop basic software programs and applications.
V. Web Designing Certification Program	100,000	Cultivating skills in web development, graphic design, and user experience (UX), fostering the creation of interactive web platforms.	Proficiency in designing user-friendly and visually appealing websites and web applications.
VI. Foundations of Mobile App Development Certification	130,000	Offering a foundational understanding of mobile app development and its principles, including UI/UX design and basic app creation.	Competence in initiating basic mobile app development and designing user-friendly interfaces for mobile applications.
VII. Real-World Case Studies in Environmental Conservation Certification	90,000	Educating on environmental issues, conservation strategies, and practical solutions through real-world case studies.	Comprehensive understanding and solutions-oriented approach to environmental issues and conservation strategies.
VIII. Business and Entrepreneurship	110,000	In-depth analysis of business strategies,	Enhanced understanding and strategic thinking for



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Certification	Proposed Cost (Rs)	Learning Objectives	Expected Outcomes
Case Studies Certification		entrepreneurship models, and practical case studies for business innovation and growth.	business development and entrepreneurship.
IX. Healthcare and Medical Case Studies Certification	120,000	Exploring medical case studies, health innovations, and problem-solving approaches in the healthcare domain.	In-depth knowledge of healthcare scenarios, problem-solving, and innovative solutions in medical practice.
X. Social Sciences and Global Issues Case Studies Certification	100,000	Delving into social sciences, global issues, and their impacts through various case studies and practical solutions.	Comprehensive understanding and problem-solving skills in social sciences and global issues through real-world case studies.
Total Proposed Budget	1,000,000 -		-

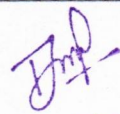
This budget breakdown outlines the proposed costs for each certification program, along with their respective learning objectives and expected outcomes, ensuring a diverse range of skills and knowledge acquisition across various domains. Adjustments can be made based on specific program requirements and available resources.


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Annexure V: Survey to understand faculty skills, teaching methodologies, and their perception of industry-relevant skills.

Survey aimed at understanding faculty skills, teaching methodologies, and their perception of industry-relevant skills. The survey is divided into various sections to comprehensively cover different aspects.

Section	Questions	Explanation
Personal Information	- Name, Department, Position, Years of Experience	Essential identification and professional background details to contextualize the faculty member's profile.
Teaching Methods	- What teaching methods do you commonly use?	Identifying the range of pedagogical approaches utilized by the faculty.
	- How do you assess student learning outcomes?	Understanding the faculty's methods of evaluating student performance and progress.
	- Rate your proficiency in integrating technology into teaching.	Evaluating their comfort and expertise in utilizing technology for instructional purposes.
	- What tools or resources do you commonly use for classroom engagement?	Identifying the resources used for interactive and engaging classroom sessions.
Subject Expertise	- Rate your confidence level in subject expertise.	Self-assessment of their confidence and proficiency in the subjects they teach.
	- How do you keep updated with current trends and developments in your field?	Evaluating their methods for staying abreast of recent advancements in their subject domain.
	- Rate your familiarity with emerging technologies relevant to your subject.	Assessing their awareness and knowledge of new technologies associated with their field.
Curriculum & Industry Alignment	- How do you ensure your teaching methods align with industry standards?	Understanding their approaches in aligning the curriculum with industry expectations.
	- Rate your readiness in	Assessing their preparedness to adapt



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Section	Questions	Explanation
	adapting to industry-demanded changes in the curriculum.	their teaching methodologies to meet industry requirements.
Industry Perspective	- How important do you think industry-aligned skills are for students?	Assessing their belief in the significance of industry-aligned skills for students' success.
	- How would you rate the relevance of your teaching methodologies to industry standards?	Evaluating their perception of the compatibility of their teaching methods with industry benchmarks.
	- How often do you engage with industry professionals for course design or content?	Understanding their efforts in collaborating with industry experts to align courses with industry needs.
Continuous Development	- What types of professional development activities have you engaged in the last year?	Identifying their efforts towards ongoing professional growth and skill enhancement.
	- How do you seek feedback for self-improvement in your teaching methods?	Assessing their approach to receiving feedback and making improvements in their teaching methods.
Future Readiness & Innovation	- What innovations or changes do you foresee in your subject area in the next five years?	Evaluating their perception of future changes and their readiness to adapt to evolving trends.
Adaptability & Problem-Solving	- Describe an instance where you had to adapt your teaching approach to a new challenge.	Eliciting real-world examples of adaptability and problem-solving in a teaching context.
	- How do you encourage critical thinking and problem-solving skills in your students?	Understanding their approach to fostering critical thinking and problem-solving abilities in students.
Engagement & Assessment	- What methods do you use to engage students in interactive learning?	Identifying strategies employed for interactive learning and student engagement.
	- How do you assess individual student progress and provide	Assessing their methods for student


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Section	Questions	Explanation
	feedback?	assessment and feedback provision.

These pointers aim to provide a more comprehensive understanding of faculty skills, adaptability, and their approach to student engagement and assessment


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Annexure VI: Identification of Faculty Training Programs & Certifications:

1. Analytical Problem-Solving Skill development

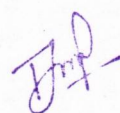
- Duration: 12 weeks
- Prerequisites: Basic understanding of critical thinking
- Learning Objectives: Enhance problem-solving frameworks and decision-making strategies.
- Contents: Problem-solving methodologies, critical thinking workshops, case studies.
- Expected Outcomes: Improved analytical thinking, effective problem-solving skills, and decision-making capabilities in diverse contexts.

2. Research Development Skills

- Duration: 16 weeks
- Prerequisites: Basic understanding of research methods
- Learning Objectives: Enhance research proposal development and advanced data analysis.
- Contents: Research methodologies, advanced data collection techniques, ethics in research.
- Expected Outcomes: Proficiency in formulating research proposals, improved data analysis skills, and adherence to ethical research practices.

3. Hands-On Skills on Latest Industry Trends

- Duration: 10 weeks
- Prerequisites: Basic understanding of technology trends
- Learning Objectives: Gain practical experience with the latest industry tools and technologies.
- Contents: Workshops on emerging technologies, practical applications of tools.


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- Expected Outcomes: Proficiency in applying the latest industry tools, practical experience in the use of cutting-edge technology.

4. Case Studies on Real-World Problems of Society


- Duration: 14 weeks
- Prerequisites: Understanding of social issues and problem-solving approaches
- Learning Objectives: Analyze real-world societal challenges and develop problem-solving strategies.
- Contents: Case studies on societal problems, problem-solving workshops, simulations.
- Expected Outcomes: Ability to analyze societal challenges, develop viable solutions, and simulate problem-solving in real-world scenarios.

5. Project Development Skills for IT Industry

- Duration: 20 weeks
- Prerequisites: Basic understanding of IT industry and project management
- Learning Objectives: Proficiency in Agile project management methodologies and software development lifecycle.
- Contents: Agile project management principles, software development practices, hands-on IT projects.
- Expected Outcomes: Mastery in Agile project management, expertise in software development, and real-world IT project experience.

6. Knowledge of Various Specializations for Career Development

- Duration: 18 weeks
- Prerequisites: Understanding of career pathways and diverse specializations
- Learning Objectives: Explore niche career specializations and industry trends.
- Contents: Specialized career workshops, industry trend analysis, personalized career development strategies.


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- Expected Outcomes: Awareness of various career paths, understanding of industry trends, and individualized career development plans.

7. Concept Development with Models and Simulation Software


- Duration: 14 weeks
- Prerequisites: Basic understanding of modeling and simulation concepts
- Learning Objectives: Proficiency in using modeling and simulation software for concept development.
- Contents: Hands-on training with simulation tools, conceptual development workshops.
- Expected Outcomes: Expertise in utilizing simulation software for concept development and practical application in various domains.

8. Basic Programming Skill Development

- Duration: 10 weeks
- Prerequisites: No specific prerequisites
- Learning Objectives: Foundation in programming languages, basic coding skills, and logical thinking.
- Contents: Introduction to programming languages, hands-on coding sessions, logic building exercises.
- Expected Outcomes: Proficiency in basic programming, the ability to think logically, and solve problems using code.

9. Aptitude & Soft Skill Development among Students

- Duration: 16 weeks
- Prerequisites: None
- Learning Objectives: Enhance soft skills, critical thinking, and problem-solving abilities among students.
- Contents: Soft skills workshops, critical thinking exercises, problem-solving scenarios.
- Expected Outcomes: Improved soft skills, critical thinking abilities, and enhanced problem-solving skills among students.


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10. Knowledge of Indian Culture, History, Society, Mythology, etc.

- Duration: 12 weeks
- Prerequisites: Interest in Indian culture and history
- Learning Objectives: In-depth understanding of Indian culture, historical events, and societal structures.
- Contents: Cultural history sessions, societal studies, mythology workshops.
- Expected Outcomes: Comprehensive knowledge of Indian culture, historical events, societal structures, and mythology.

These programs cater to specific skill and knowledge development areas, providing comprehensive training for faculty members. Adjust the content, duration, and prerequisites to suit the institution's specific requirements and desired outcomes.

Proposed Budget for training programs

Faculty Certification/Training Programs Budget with Duration

Program Name	Learning Objectives	Training Cost (Rs)	Training Duration	Expected Outcomes
Analytical Problem-Solving Skill Development	Enhance faculty skills in analytical thinking and problem-solving techniques to apply in various academic scenarios and real-world problems.	100,000	6 weeks	Improved analytical abilities, critical thinking, and problem-solving aptitude among faculty.
Research Development Skills	Develop skills in conducting and managing research projects, honing the ability to explore and innovate in various academic disciplines.	120,000	8 weeks	Improved research capabilities, project management skills, and ability to innovate and explore new areas.
Hands-On Skills on	Acquire updated skills and	90,000	4 weeks	Updated skillset, familiarity


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Program Name	Learning Objectives	Training Cost (Rs)	Training Duration	Expected Outcomes
Latest Trends	Industry knowledge aligned with current industry trends to impart relevant and up-to-date knowledge to students.			with current industry trends to bridge the gap between academia and industry.
Case Studies on Real-World Problems Society	Educate faculty on practical problem-solving approaches for societal issues through real-world case studies, fostering social awareness.	110,000	6 weeks	Comprehensive understanding of societal issues, development of problem-solving strategies for societal problems.
Project Development Skills for IT Industry	Train faculty in essential IT project development skills, preparing them to guide students in IT project execution and management.	130,000	8 weeks	Proficiency in guiding students through IT project development, enhanced project management skills.
Knowledge of Various Specializations Career Development	Offer expertise in various domains, preparing faculty to guide students in their career paths and subject specialization.	140,000	8 weeks	Enriched subject knowledge, enhanced career guidance for students, improved career path guidance.
Concept Development Models Simulation Software	Develop skills in conceptual development using models and simulation software to apply abstract theories in a practical manner.	100,000	6 weeks	Enhanced ability to apply theoretical concepts practically, proficiency in using simulation software.
Basic Programming Skill Development	Educate faculty with basic programming skills to guide and support students in fundamental coding and logic development.	90,000	4 weeks	Proficiency in guiding students through basic programming concepts, improved logical thinking and coding skills.


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Program Name	Learning Objectives	Training Cost (Rs)	Training Duration	Expected Outcomes
Aptitude & Skill Development among Students	Train faculty to foster soft skills and aptitude among students, nurturing their holistic development alongside academic growth.	120,000	6 weeks	Improved soft skills, enhanced student aptitude, and holistic development alongside academic progress.
Knowledge of Indian Culture, History, Society, Mythology, etc.	Deepen understanding and knowledge in the realms of Indian culture, history, society, and mythology to enrich teaching perspectives.	100,000	4 weeks	Enhanced cultural and historical understanding, enriched teaching perspectives, and diversified knowledge in Indian heritage and culture.
Total Proposed Budget	-	1,000,000	-	-


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Annexure VII: Key metrics and methods for evaluating faculty development after training

1. Performance-Based Assessment

- **Student Feedback:** Collect student feedback on teaching methodologies, course engagement, and overall learning experiences post-faculty training.
- **Peer Evaluation:** Have peers evaluate the improved teaching strategies, knowledge application, and collaboration post-training.

2. Knowledge Application and Impact

- **Case Study Analysis:** Evaluate how faculty use learned techniques in solving real-world issues or course-specific problems.
- **Assessment of Assignments/Projects:** Analyze the quality of assignments or projects generated by students under the tutelage of trained faculty.

3. Classroom Engagement and Innovation

- **Innovative Teaching Techniques:** Measure the implementation of new teaching methods or technology in the classroom.
- **Student Interaction:** Evaluate the level of engagement and interaction within the classroom environment.

4. Research and Publication

- **Research Output:** Assess the increase in faculty contributions to academic publications or research projects.
- **Research Grant Acquisition:** Measure the success rate in acquiring grants or funding for research activities.

5. Soft Skills and Personal Development

- **Professional Development Activities:** Track faculty participation in conferences, seminars, and additional training.
- **Leadership and Collaboration:** Assess improved leadership abilities and collaboration with other faculty members or institutions.

6. Student Achievement

- **Student Performance Metrics:** Review changes in student success rates, grades, or academic performance post-training.
- **Employment or Further Study:** Monitor the post-graduation success of students taught by trained faculty.


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7. Adapting to Industry Trends

- **Industry Alignment:** Evaluate how faculty incorporate industry trends into their teaching materials or methodologies.
- **Feedback from Industry Professionals:** Gather feedback from industry partners on the alignment of faculty teaching with industry standards.

8. Self-Assessment and Reflection

- **Faculty Self-Reports:** Encourage faculty to self-assess their skill development and apply this knowledge in their roles.

9. Long-Term Institutional Impact

- **Overall Institutional Improvement:** Evaluate the broader impact on the institution, such as improved ranking, increased student enrollment, or better alumni satisfaction.

10. Continuous Improvement Cycle

- **Action Plans for Improvement:** Analyze the action plans faculty create to further enhance their skills after training.
- **Feedback on Training Programs:** Assess faculty feedback on the effectiveness and relevance of the training programs they attended.

These metrics provide a comprehensive view of faculty development post-training. A mix of qualitative and quantitative assessments, as well as feedback from various stakeholders, can contribute to a well-rounded evaluation of faculty skill development.


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Annexure VIII: Faculty Training Program Feedback Form

Personal Information:

- **Name:** [Enter Name]
- **Department:** [Enter Department]
- **Position:** [Enter Position]
- **Email:** [Enter Email]
- **Training Program Title:** [Enter Training Program Title]

Section 1: Training Program Details

1. **Was the training program title and description clear and aligned with your expectations? Please elaborate on how the program description aligned with the actual training content and objectives.**

[Open Text Response]

2. **Duration and Scheduling: Was the duration of the program adequate and convenient? Please provide suggestions for improving the scheduling or duration if necessary.**

[Open Text Response]

3. **Relevance: Did the program content align with your professional development needs? If not, specify areas that lacked relevance or any additional topics that should have been included.**

[Open Text Response]


Section 2: Training Content and Delivery

4. **Quality of Content: How would you rate the quality of the training content? Were the materials and resources provided satisfactory?**

[Open Text Response]

5. **Instruction: How would you rate the trainers' knowledge and delivery? Were they well-prepared and effective in their teaching methods?**

[Open Text Response]


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6. **Engagement:** Were the training methods engaging and interactive? Share examples of engaging activities or any improvements that could enhance engagement.

[Open Text Response]

Section 3: Learning Outcomes

7. **Applicability:** Were the skills and knowledge gained applicable to your role? Provide specific examples of how you plan to apply what you've learned in your work.

[Open Text Response]

8. **Confidence:** Do you feel more confident in applying the learned skills after the training? Explain any particular skills or areas where you feel more confident.

[Open Text Response]

9. **Effectiveness:** How effective do you think the training was in meeting its objectives? Share any specific instances where the training succeeded or failed in achieving its goals.

[Open Text Response]

Section 4: Suggestions and Additional Comments

10. **What aspects of the training were most beneficial to you? Were there specific sessions, materials, or exercises that stood out as particularly useful?**

[Open Text Response]


11. **Areas for Improvement:** Any specific areas you believe the training program can improve? Are there topics, methods, or tools you think should be added or revised?

[Open Text Response]

12. **Any additional comments or suggestions regarding the training program:**

[Open Text Response]

Section 5: Overall Satisfaction and Recommendation


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

13. Overall Satisfaction: On a scale of 1 to 10, how satisfied are you with the training program?

- (1) Not Satisfied
- ...
- (10) Extremely Satisfied

14. Would you recommend this training program to your colleagues? If yes, what aspects would you highlight in recommending it?

[Open Text Response]


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

To

Diamond Educational Society (Regd.)
8-B, North Drive, DLF Farms,
Chattarpur, New Delhi-110074

Invoice No. : 05/Mar/2022-23
Date : 28/03/2023

Bill for Consultancy Services

Particulars	Amount(Rs.)
Invoice to Revolutionize educational systems by implementing strategic interventions tailored to address the evolving needs and challenges faced by educational institutions	25,00,000
Net Amount Payable	25,00,000


(Rupees Twenty five Lac Only)

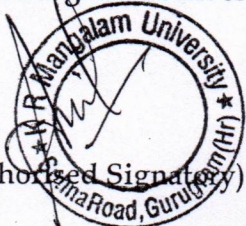
Please make the payment of the invoice by NEFT/RTGS/IMPS as per Bank Details

Beneficiary Name : K.R. Mangalam University
A/C No : 091101000622
IFSC Code : ICIC0000911
Bank : ICICI Bank Ltd.
Branch : Sohna Bus Stand , Gurgaon

PAN : AAJCS3143G

For K.R. Mangalam University


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)


(Authorized Signatory)