Innovation in the Teaching & Learning

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A. Process for Incorporating Innovation in the Teaching Learning Process

a) Departmental review of teaching plans and curriculum, made by faculty to be taught is done before the commencement of every semester by the HoD and the faculty of the Department.

b) The teaching plan that is reviewed is send to industry experts for their approval and the changes suggested are incorporated.

c) Interdepartmental meeting is then called to discuss the interdisciplinary aspects of the course and accordingly the changes suggested are incorporated.

d) Faculty after discussion with the Director, upload the teaching plan and curriculum for access to the students.

B. Innovative teaching and learning methodologies and tools.

B1. ICT Enabled Teaching: All the NDIM classrooms are fitted with modern teaching aids which are as follows:

    i.   LCD Projector / Smartboards
    ii.   Audio system with speakers & headphones
    iii.   Internet Wi-Fi access 200 MBPS
    iv.   LAN connectivity
    v.   Video Conference device with 360-degree camera
    vi.   CCTV cameras installed
    vii.   Samsung WM85A 85" Smartboards in few rooms
    viii. Whiteboards with Markers
    ix.   Biometric attendance device for the students

As a part of teaching, the faculties are taking classes using CollPoll Learning Management System where all the lesson plans of the course faculty are uploaded and the students have access to them using their user name and password. PowerPoint presentations, Online videos, case studies are the regular tools that are used as a part of teaching methodology in every course taught by the faculty. Because of Wi-Fi available in the classrooms, real time information and real time data is shown to the students directly accessed from the internet.

The students are given all learning material, assignments, presentation topics etc. as a part of teaching using the LMS of the Institute. The Discussion groups of 5-6 students are made by the course faculty and the students in the group are encouraged to do the group presentations, group assignments etc.

Some of the classrooms are also made as flip classrooms because of the video conferencing device where industry experts are joined online and the students are also given the facility to join online or offline whenever any practical sessions are undertaken by the faculty.

B2. Innovative Teaching Methodology & Learning Material: NDIM encourages all its faculty members to adopt innovative teaching methodology to make the students to comprehend the knowledge given in the classrooms. The traditional classroom approach of lecturing by the faculty members is augmented with E-learning through PPTs, case study discussions where all the cases to be discussed in the respective courses are already defined as a part of the course curriculum, simulation games in the relevant courses being taught, role plays in the courses of marketing as well as using flip classrooms and course related industrial visit.

Once the student joins the PGDM programme, they are handed with a Student Handbook detailing the code of conduct of the Institute and the academic calendar and the names of the various committees in case of any problem and a mentor is assigned. The students are also provided with a user name and password of the LMS system through which all the academic activities are performed.

During teaching, for student engagement, the faculty member provides relevant learning material from the journals and other reference books which the students are required to read and understand. Besides the learning material, the reference books and textbooks relating to the course are also prescribed by the respective faculty member to all the students. Through LMS, the teaching learning resources of the faculty, PowerPoint and the case studies can be accessed by the students by logging to the LMS using their own username and password. In every course taught by the faculty they are encouraged to invite some of the alumni and industry experts to deliver a talk for giving the practical tips to the students being taught. To make the students to understand the concept YouTube videos are also shown with healthy discussion with the students so that the theory can be blended in the practice. All the faculties are encouraged to follow the continuous system of evaluation system having four components which are in the forms of:

1. QUIZ   2. Assignment   3. Mid Term Test   4. Group Presentation, and others

Students and faculty members at NDIM are having an access to the Emerald eCase Collection for teaching cases, as well as the J-Gate Database to incorporate recent cases and research papers in to their teaching and learning. The faculty members are also having access to all resources including e-resources of NDIM Library at given Ip Address.

B3. Innovative Examinations: At the New Delhi Institute of Management (NDIM), our approach to assessments extends beyond conventional theoretical exams. We've implemented a diverse array of examination methodologies to ensure a comprehensive evaluation of our students' capabilities:

- **Online Exams:** During Covid Time, and also for continuous assessments in current time, NDIM has integrated online examinations into the assessment framework, providing a flexible and technologically driven approach. These exams offer convenience and accessibility while maintaining academic rigor.

- **Open Book Exams:** We believe in fostering analytical skills and in-depth understanding. Open book exams at NDIM encourage students to apply critical thinking by allowing access to reference materials, emphasizing comprehension over rote memorization.

- **MCQ Based Exam**: Our assessment strategy includes MCQ-based exams, enabling us to evaluate specific knowledge areas efficiently. This format is structured to gauge students' understanding across a wide range of subjects.

- **Practical Exams:** NDIM places a strong emphasis on practical skills. Our practical exams are designed to assess hands-on proficiency and the application of theoretical knowledge in real-world scenarios, ensuring our students are well-equipped for professional challenges.

Each examination method at NDIM serves a distinct purpose, aligning with our commitment to providing a holistic evaluation platform. By incorporating this variety of assessments, we aim to nurture well-rounded individuals equipped not only with theoretical knowledge but also practical skills essential for success in their careers. At NDIM, all End Term Exams questions are developed in collaboration with esteemed academicians from renowned institutes. These question papers undergo rigorous vetting by industry experts to ensure alignment with current industry and academic standards, making them highly relevant to the evolving educational and professional landscapes.

B4. Project Based Learning: At New Delhi Institute of Management, Project-Based Learning (PBL) forms the cornerstone of our curriculum. Concepts are practically implemented as part of the various projects (SIP, Live Project, Major Project, course-based projects etc.) that the student undertakes during his course of study.

- **Practical Integration of Concepts:** PBL serves as a bridge between theoretical learning and practical application. We integrate classroom concepts into various projects undertaken by students throughout their academic journey.

- **Summar Internship Projects (SIPs):** These immersive summer internship programs expose students to real-world corporate settings. SIPs serve as platforms where students merge classroom theories with hands-on experiences, gaining valuable insights into industry practices and dynamics.

- **Live Projects:** Our collaborations with industry partners bring forth Live Projects that simulate authentic business challenges. Through these projects, students engage in problem-solving, critical thinking, and teamwork, applying their theoretical knowledge to devise practical solutions.

- **Major Projects:** The apex of the academic journey often involves Major Projects that demand extensive research, analysis, and strategic recommendations. These projects are meticulously supervised, allowing students to showcase their analytical skills and innovative thinking.

- **Course-Based Projects:** Embedded within specific courses, these smaller projects delve deep into subject matter, offering students the chance to apply theoretical concepts practically. These projects facilitate a deeper understanding of course material and its real-world implications.

- **CSR Project:** This initiative requires students to collaborate with an NGO, dedicating their efforts to developing a learning project that serves the community. This project encourages students to apply their skills and knowledge for the betterment of society while instilling a sense of responsibility and empathy towards social causes.

Our aim is to nurture graduates who not only possess knowledge but are also adept at navigating real-world challenges, contributing meaningfully to the professional arena.

B5. Field Visits and Surveys: Field visits and surveys are integral components of our curriculum, providing students with immersive learning experiences beyond the confines of traditional classrooms.

- **Real Site Visits:** NDIM emphasizes practical learning by organizing field visits to diverse locations of significance. Industry visits for practical learning is mandatory for all the students in the 1st semester of their curriculum. Beside this, students are also exposed to real-world environments such as exhibitions, ports, container warehouses, and trade fairs. These visits offer firsthand exposure to the functioning and operations of these facilities, enabling students to grasp industry nuances and operational intricacies.

- **Trade Exhibitions and Surveys:** Students have the opportunity to attend trade exhibitions and visit incubation centers, gaining insights into emerging trends, innovative technologies, and entrepreneurial ventures. These visits foster a deeper understanding of market dynamics, business innovations, and the entrepreneurial landscape.

B6. Seminars/Conferences/Events by Business Chambers: We believe in providing students with a multifaceted learning experience that extends beyond the classroom. Our commitment to holistic education includes offering students, opportunities to engage in seminars, conferences, and events organized by prestigious business chambers and renowned organizations.

- **Participation in National and International Events:** NDIM students are encouraged to participate in events conducted by esteemed bodies such as the Federation of Indian Chambers of Commerce and Industry (FICCI), Confederation of Indian Industry (CII), Associated Chambers of Commerce and Industry of India (ASSOCHAM), National HRD Network (NHRDN), Indo-Russian Chamber of Commerce (IRKFS), Japan Embassy, and other reputable institutions. These events encompass a diverse spectrum, ranging from national-level conferences to international symposiums, workshops, and networking sessions.

- **Real-World Insights and Futuristic Learnings:** Participation in these events offers students invaluable exposure to real-world insights, emerging trends, and futuristic learnings within the dynamic business landscape. They gain exposure to industry stalwarts, thought leaders, and experts, providing a platform to interact, learn, and gain insights into contemporary business practices, global market trends, and cutting-edge innovations.

- **Networking Opportunities:** These events offer unparalleled networking opportunities for students to connect with industry leaders, entrepreneurs, policymakers, and professionals across various sectors. This exposure fosters relationships, facilitates knowledge exchange, and opens doors to potential mentorship and career opportunities.

- **Enhancing Academic and Professional Growth:** Participation in these events complements the academic curriculum, enriching students' understanding of theoretical concepts with practical insights. It equips them with a broader perspective, critical thinking skills, and a deeper understanding of global business dynamics, preparing them to thrive in the competitive corporate arena.

B7. International Immersion Programs: NDIM is committed to providing our students with a global perspective and fostering cultural competence. To achieve this, we offer exclusive International Immersion Programs that cater to select students, offering them invaluable experiences in diverse regions like Europe, Dubai, Thailand, and more.

- **Global Business Exposure:** NDIM students chosen for these programs embark on a transformative journey to explore global business landscapes. They engage with international corporations, visit multinational companies, and attend workshops and seminars conducted by renowned industry experts. This exposure provides a firsthand understanding of global business practices, market dynamics, and cross-cultural management strategies.

- **Cultural Immersion:** Beyond business insights, the immersion programs focus on cultural immersion. Students delve into the local customs, traditions, and societal norms of the host country. This firsthand experience fosters cultural understanding, tolerance, and adaptability, crucial qualities in a globalized world.

- **Networking and Collaboration:** The programs offer exceptional networking opportunities, enabling students to connect with professionals, entrepreneurs, and students from diverse backgrounds. This fosters global networks, collaboration opportunities, and potential partnerships, enriching their professional journeys.

- **Experiential Learning:** Immersion in different international environments serves as an experiential learning platform. Students are challenged to apply their classroom knowledge to real-world scenarios, solving cross-cultural business problems, and gaining insights that go beyond textbooks.

B8. Library Resource Center: At NDIM, our library stands as a testament to our commitment to comprehensive academic resources and continuous learning. It's a cutting-edge hub designed to cater to the diverse needs of both students and faculty members across various disciplines. Our library houses an extensive collection of books, journals, and periodicals, covering a wide spectrum of subjects, ensuring that students have access to valuable resources for their academic pursuits.

With a focus on staying current and fostering research, NDIM provides access to a plethora of online journals through prestigious platforms such as DELNET, JGate, Emerald Insights, and Sage Journals. This access empowers both students and faculty members to explore into a wealth of scholarly articles, research papers, and educational literature, enhancing their academic endeavors and staying abreast of the latest developments in their respective fields.

Our library isn't just about physical resources; it's equipped with a dedicated Digital Arena, a sophisticated space that facilitates seamless access to a vast array of online research materials and educational resources. This digital platform serves as a gateway to a world of knowledge, enabling users to navigate online databases, e-books, and scholarly articles effortlessly.

Beyond the realm of management studies, our library proudly boasts an eclectic collection of non-fiction and fiction books, catering to diverse interests and encouraging a culture of holistic learning. Moreover, our collection includes foreign language books, promoting a global perspective and embracing cultural diversity.

At NDIM, our library is more than just a repository of books; it's a dynamic center that fosters a culture of exploration, research, and intellectual growth. It's a space where curiosity meets knowledge and where students and faculty members can embark on a journey of continuous learning and discovery.

B9. Certification Courses in different subjects: NDIM's commitment to nurturing holistic and well-rounded professionals extends beyond traditional academic programs. We offer a diverse array of certification courses designed to augment efficiency, enhance professional credibility, and enrich the knowledge and skills of our students.

Our curriculum integrates various prestigious certification courses into the academic fabric, empowering students with a competitive edge in their respective domains. Students have the opportunity to enroll in a range of certification programs, including but not limited to NDIM specific Cerifications, Swayam Certification courses, NISM (National Institute of Securities Markets), NCFM (NSE's Certification in Financial Markets), UNESCO MGIEP (Mahatma Gandhi Institute of Education for Peace and Sustainable Development), Competitive Commission of India, Telecom Sector Skill Council certifications, Hubspot, and Google certifications.

These certifications complement the academic curriculum, providing students with specialized knowledge and practical skills sought after in today's dynamic industries. They serve as valuable additions to their academic qualifications, boosting their employability and career prospects in a competitive job market.

The inclusion of these certification courses within our regular curriculum at NDIM reflects our commitment to holistic education, ensuring that students not only excel academically but also acquire industry-relevant certifications that attest to their proficiency and expertise in specific domains.

B10. FAQs for placement sessions: At NDIM, we understand the significance of equipping our students with the necessary tools and guidance to excel during placement sessions. As part of our comprehensive support system, tailored Frequently Asked Questions (FAQs) are provided to students, catering specifically to the requirements of various placement avenues. These FAQs are meticulously crafted to serve as comprehensive references, aiding students in their preparation for placement exams and interviews.

To ensure accessibility and convenience, these FAQs are not confined to a single source; rather, they are available in our library as part of our extensive collection of resources. Additionally, they are shared with students through their dedicated Google Groups, ensuring that students have easy access to these materials at their fingertips, allowing them to review, revise, and prepare comprehensively for their placement endeavors.

B11. ERP including LMS: At NDIM, our ERP system stands as a pivotal component, functioning as a sophisticated web-based software designed to streamline operations and elevate the overall student experience. Our ERP isn't just a management tool; it's a platform meticulously crafted to optimize efficiency, enhance connectivity, and provide seamless accessibility to academic content and resources.

This ERP solution focuses on revolutionizing academic and administrative management, offering an integrated Institute Management System. It serves as a centralized hub that provides a comprehensive and cohesive view of various academic processes, aiding in informed decision-making by administrators, faculty, and students alike.

The ERP platform acts as a complete suite, extending 24x7 access to information and services. Students and faculty benefit from an array of features including but not limited to:

- **Timetable:** A structured timetable accessible online, ensuring students and faculty have updated schedules at their fingertips.
- **Attendance Management:** Convenient monitoring and tracking of attendance records, aiding in maintaining attendance data effectively.
- **Lesson Plans and Assignments:** Seamless access to lesson plans and assignments, facilitating organized and efficient learning experiences.
- **Exam Conduct:** Efficient management and execution of examinations, providing a standardized and user-friendly interface for exam-related activities.
- **Placement Preparation:** Tailored resources and notifications for placement preparation, assisting students in readiness for their professional endeavors.

This ERP system serves as a bridge, connecting students, faculty, and administrators, fostering a cohesive academic ecosystem. It empowers stakeholders with real-time access to critical information, facilitating proactive decision-making and enhancing the overall academic and administrative management at NDIM.

B12. Google Workspace / G Suite: At NDIM, the adoption of Google Workspace, (G Suite), has transformed the landscape of teaching and learning, especially in the digital era. This robust web service has revolutionized the way our faculty conducts classes, facilitates assignments, and fosters seamless communication between educators and students.

Google Workspace serves as an invaluable tool that simplifies the creation, distribution, and evaluation of assignments, facilitating a transition towards a paperless academic environment. Through this platform, our faculty can effortlessly generate assignments, share them with students, and efficiently grade submissions, all within an online framework. This paperless approach not only streamlines the assignment process but also contributes to environmental sustainability.

Moreover, the platform acts as a centralized hub for file sharing, enabling a smooth exchange of study materials, resources, and important documents between teachers and students. This fosters a collaborative learning environment, empowering students with easy access to essential study materials and enabling seamless interaction with faculty members.

During the unprecedented challenges posed by the pandemic, Google Workspace emerged as a lifeline for uninterrupted academic activities. Both faculty and students adapted adeptly to this platform, leveraging its features extensively to ensure continuity in education. As a result, our academic community is well-versed with the platform's functionalities, enhancing the overall efficiency and effectiveness of our teaching and learning processes.

B13. Use of Management Related Software: At NDIM, the utilization of specialized management-related software by our faculty serves as a cornerstone in delivering a comprehensive and enriched learning experience to our students. These software tools are strategically employed to facilitate effective content delivery while enhancing the business acumen and research capabilities of our students across various disciplines.

- **SPSS**, an instrumental statistical analysis software, stands as a cornerstone in our academic approach. This predictive analytics tool empowers students to confidently forecast future scenarios, enabling smarter decision-making, problem-solving, and improved outcomes. By immersing students in practical applications of predictive analytics, they gain invaluable insights and hands-on experience in this critical area, enhancing their analytical prowess.

- **Language Lab:** Recognizing the paramount importance of communication skills in management programs, NDIM integrates a cutting-edge Language Lab software into our curriculum. This state-of-the-art tool seamlessly integrates advanced information technology techniques with proven language teaching methodologies. With an array of comprehensive study materials, students can refine and enhance their communication skills, a pivotal asset in the professional realm.

- **Software for teaching and research**: Additionally, our faculty extensively employs an array of business analytics software tools for teaching and research purposes. These tools, including R, MS Excel, KNIME, RapidMiner, SQLite, Gurobi, Trello, Minitab, LINGO, LINDO, SAP H/4ANA, Zoho, Eviews, Tableau, SAS, and Python open-source software, play a vital role in teaching Business Analytics and Predictive Modeling. They provide students with exposure to diverse analytical techniques and industry-relevant technologies, equipping them with hands-on experience in cutting-edge analytical tools.

Furthermore, NDIM procures licensed software, meticulously selected to enrich the learning experience. These licensed software applications are tailored to align with industry standards and best practices, offering students access to state-of-the-art tools and resources. This curated selection ensures students receive a comprehensive education, preparing them to excel in the competitive business landscape through hands-on experience with the latest technologies.