Panipat Institute of Engineering & Technology

Action Taken Report

for Stakeholders' Feedback on Syllabus and its Transaction

Year 2020-21

Index

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Panipat Institute of Engineering & Technology ★ Panipat ★

DIRECTOR
PANIPAT INSTITUTE OF ENGINEERING TECHNOLOGY
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Panipat Institute of Engineering & Technology

Department of Applied Sciences and Humanities

Action Taken Report

Session 2020-2021

Year-end report as a summary of action taken during session 2021-2022 for feedback received from stakeholders during the session 2020-2021

1. Based on the feedback received by teachers expert lectures from academia and industry were conducted:

    a) Expert Session on "IOT and Sensors was conducted by Director, PIET on Oct 25, 2021.

    b) Expert Lecture on "Calculus and Abstract Algebra" was conducted by Dr. Ramesh Vats on Feb 28, 2022.

    c) Expert Lecture on "Corrosion: An Influential Journey about Consequences, Integrity and its Control" was conducted by Prof. (Dr.) Suman Lata on July 9, 2021.

    d) Expert Lecture on "Semiconductor Physics for Solar Cell Application" was conducted by Dr. Vinod Kumar on Feb 9, 2022.

2. In response to feedback from teachers and students, add on courses like AIML were introduced to students.

3. As per the suggestion from students following upgradation was done in the labs:
   New add on as Pitch Ventage and Pro Writing aid software were procured in language lab.

4. Based on the feedback received by students, expert lectures on professional skills/soft skills/life skills/industrial visits were conducted:

    a) An Educational visit to ISRO was conducted with a scientific perspective in mind on Feb28, 2022.

    b) Expert Lectures on "Universal Human Values" was conducted on Oct 19, 2021.

    c) Expert Lectures on "Stress Management" was conducted on Oct 22, 2021.

    d) Language Lab - Training Program on "Effective Communication Skills for Engineering students" was conducted (Oct 2021-June 2022 – all working Saturdays).

Panipat Institute of Engineering & Technology

Department of Business Studies

Action Taken Report

Session 2020-2021

Year-end report as a summary of action taken during session 2021-2022 for feedback received from stakeholders during the session 2020-2021

1. Based on feedback received from students and alumni with concern to career counseling session department invited a talk on "How to Excel in Academics Post Pandemic" on 30th Dec 2021 and it was delivered by Mr. Anmol. (Social Activist)

2. Based on feedback received from students, teachers and alumni following emerging topics were taught to students for aligning syllabus with the industry requirements.

   A. Financial innovations and Banking regime in Banking Sector.

   B. cross cultural and organization change in Human Resource Management, Understanding Human Behavior.

3. Based on the feedback received from students, Teachers, alumni department conducted the seminar on digital marketing delivered by Mr. Pawan Kumar (Head Trainer, DIDM) dated 20th May,2022.

4. Activities for student grooming, overall development, teamwork, creativity, problem solving, leadership, and management were planned in response to input from employers.

   A. The Prowess club was initiated in the academic year 2021-22 to encourage participation in external events which will lead to overall grooming of the students.

   B. There was a schedule for presentations, and those presentations served as the foundation for evaluation.

5. Based on the feedback received from students, alumni and teachers the following value-added course were offered to students to meet academic and career goals:

   A. Retail Management and Merchandizing

   B. Social Welfare and Public Policy.

Panipat Institute of Engineering & Technology

Department of Computer Applications (BCA)

Action Taken Report

Session 2020-21

Year-end report as a summary of action taken during session 2020-21 for feedback received from stakeholders during the session 2021-22

1. As per student and alumni's suggestion, the department has organized following additional events aimed at showcasing students' competence in computing.
   - Blind c organized on 3rd of May, 2022.
   - DCA Quest conducted from 22 Dec-24 Dec, 2021.

2. As per student, alumni and employer's suggestion, Communication and technical skill activities organized by department. These are following:
   - CodeQuotient, with 50 students.
   - Confluence training and development with 140 students.
   - The Computing Skills Development Program for the Advanced Level from 07-09-2021 to 18-09-2021

3. As per student and alumni's suggestion, department arranged a short-term, hands-on courses focused on emerging technology.
   - Python for Data Science from 22 Jan-12 Mar, 2022 (32 hours) with 56 students.

4. As per teachers, alumni and employer's suggestion, career-oriented expert lectures organized for student's skill development.
   - Workshop on the topic Importance of Data Analytics in industry on 25 June,2022.
   - Seminar on Communication Skills and Social Etiquettes on 30th August, 2021.

5. As per student and teacher's suggestion, total 336 books purchased for BCA of 27 titles.

6. As per student, teachers and alumni's suggestion following alumni talk organized to share their experiences regarding live projects.
   - By Payal Sharma on 8 sep,2021
   - By Ashish Arora on 20 sep,2021
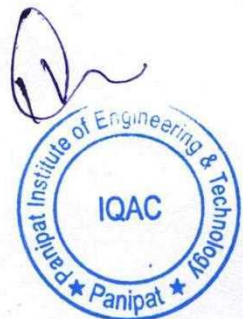
Panipat Institute of Engineering & Technology

Department of Civil Engineering

Action Taken Report

Session 2020-2021

Year-end report as a summary of action taken during session 2021-2022 for feedback received from stakeholders during the session 2020-2021.

1. Based on feedback received from students, teachers and employers the following additional courses were organized:

   a) Spoken tutorial (QCAD Software learning) to improve the student's engagement in co-curricular activity from 27th September 2021 to 11th January 2022.

   b) 3-D Modeling on Google SketchUp from 10th September 2021 on each Saturday.

   c) 'Structure Analysis and design with STAAD-Pro' from 30th September 2021 to 18th January 2022.

2. Based on feedback received from students and teachers, an extra topic "Tacheometric surveying" in subject Surveying was taught.

3. Considering feedback from students, alumni and teachers the following session were organized:

   a) Workshop on 3D printing in civil engineering by Mr. Lalit Kumar APCED, at seminar hall second floor E-Block on 4th October 2021

   b) Live interaction session "How to deal with Bio-Medical Waste" on 3rd Dec. 2021 by Mr. Sanjay Kumar a bio-medical Engineer at Govt. Hospital Ambala.

   c) Expert talk on "Applied technique in civil engineering" by Dr. B.D. Mundhra AICTE- Distinguished Chair professor on 3rd January 2022.

4. In response of feedback from Students and alumni, a career guidance session "How to prepare for placement" was organized on 21st April 2022 in room no. C-313.
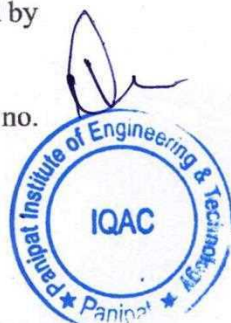
Panipat Institute of Engineering & Technology

Department of Computer Science and Engineering

Action Taken Report

Session 2020-2021

Year-end report as a summary of action taken during session 2021-2022 for feedback received from stakeholders during the session 2020-21.

1) Based on feedback received from students, Faculty, and alumni's, following value added courses in academic session 2021-22 are included: -

   a) Machine Learning

   b) PHP and MySQL

2) Based on feedback received from students, Faculty, alumni and employers, webinars, Expert Talk were conducted for students on following domain:

   a) A knowledge series webinar on Liquid Armor Based Advanced Personal Protective system on 22-oct-21 and attended by 65 students.

   b) A webinar on organizational Aspect of Information Security on 30-Julk-21 and attended by 58 students.

   c) Expert lecture on "Devops"- A Modern Era Automation" was conducted on 21-Dec-2021 and attended by 85 students.

3) As per Students, alumni, and employers feedback, following skill enhancement classes were conducted during the session READY ME: -

   a) SAP labs masterclass was conducted on 17-July-2021. A total number of 162 participants attended this session.

   b) Capgemini and SAP labs masterclass were conducted on 24-July-2021. A total number of 162 participants attended this session.

   c) Amazon masterclass was conducted on 31-July-2021. A total number of 162 participants attended this session.

4) As per Students and Faculty recommendation the following alumni talk were organized by the department: -

   a) Alumni talk on "How to Crack Technical Interview" on 22-Sept.-2021. A total no. of 65 participants attended the same.

b) An alumni talk on "service now developer- A great career Option" on 08-Jan-2022. A total no. of 75 participants attended the same.

5) As per Students and alumni the following career guidance session were conducted by the department: -

a) Higher study related a career guidance session on "From PIET to GATE/ESE Topper & CAT – The Easiest Entrance Exam in India" was conducted on 24-May-2022.

b) A career guidance session on "How to Prepare for a Career in Banking" on 21-oct-2021. A total no. of 86 participants attended the session.

Panipat Institute of Engineering & Technology

Department of Electronics & Communication Engineering

Action Taken Report

Session 2020-2021

Year-end report as a summary of action taken during session 2021-2022 for feedback received from stakeholders during the session 2020-2021

1) Based on feedback received from students, teachers and alumni's, following VAC is conducted for students:

   a) "PCB Designing and Fabrication using Eagle Software" from 18.04.2022- 22.04.2022. A total of 55 students have completed this course.

2) Based on feedback received from students and teachers, following MOOC courses from Swayam are provided to the students:

   a) Introduction to Machine Learning, from 26.07.2021-26.09.2021

   b) Python for Data science, from 26.07.2021-26.08.2021

   c) Design Thinking- A Primer, from 24.01.2022-18.02.2022

3) Based on feedback received from students and employers, following skilling program are conducted for students in PIET AICTE IDEA Lab:

   a) IDEA Lab Phase-I, from 13.12.2021-18.12.2021.

   b) IDEA Lab Phase-II, from 17.01.2022-22.01.2022

   c) IDEA Lab Phase-III, from 21.03.2022-26.03.2022.

4) Based on the feedback received from students, teachers and alumni, following expert career talk is conducted for students:

   "Roadmap to Crack Internship & Placement Interviews" on 14.07.2021 by Mr. Ritish Madan, an alumnus of Coding Ninja. A total of 26 students attended the program.

5) Based on the feedback received from all stakeholders, following professional activities are conducted:

   a) An International Conference on Innovations Research and challenges in emerging technologies, from 19.11.2021-20.11.2021.

   b) A Webinar on Research paper written by Dr. Monika Gambhir, AP ECED on 13.12.2021.

c) Launching of "IETE student forum" for students to join as student members. The institute offered reimbursement of full membership fees of the student.

6) Based on the feedback received from alumni and employers, following workshops are also conducted:

   a) Introduction to IoT on 14.07.2021 by Mr. Rajeev Dhanda, AP, ECED

   b) ROBOTRIX 3.0 on 29.07.2021 by Mr. Abhishek Sharma, AP, MED

7) Based on the feedback received from alumni's and students, following advanced topics are taught to the students in their regular syllabus:

   a) Introduction to MEMS

   b) Transducers and Their Applications

Panipat Institute of Engineering & Technology

Department of Information Technology

Action Taken Report

Session 2020-2021

Year-end report as a summary of action taken during session 2021-2022 for feedback received from stakeholders during the session 2020-2021.

1. As per the feedback received from students, teachers, alumni and employers, following hands on activities were conducted for students:

    i. An Expert Lecture on the Importance of Data Analytics in Industry was organized on 25th June 2022.

    ii. One week AI Boot Camp was conducted from 25th April 2022 to 29th April 2022.

2. Based on the feedback received from students, teachers and employers, following value added courses were offered in the department:

    i. Introduction to Machine Learning

    ii. Design Thinking

3. Based on students' suggestions, the department has conducted various activities related to research paper writing.

    i. Webinar on Research Paper Writing on Sep 13, 2021.

    ii. Paper Presentation Competition on May 18, 2022.

    iii. International Conference on Innovations, Research and Challenges in Emerging Technologies on Nov 19-20, 2021

    iv. International Conference on IOT, AI and ML on Mar 30-31, 2022.

Panipat Institute of Engineering & Technology

Department of Management Studies
Action Taken Report
Session 2020-21

Year-end report as a summary of action taken during session 2021-22 for feedback received from stakeholders during the session 2020-21

1. Based on feedback from students, teachers, alumni, and employers, the following Value Added courses were offered:

   - Basic and Advanced Excel
   - Financial Modelling & Valuation using Excel and VBA
   - Digital and Social Media Marketing

2. As per suggestions from students, teachers, and employers, the following skill development workshops were offered:

   - Workshop on High Impact Presentations by Mr. Vikas Nain on June 29, 2022
   - Workshop on Creating Impressive Resumes by Dr. Vikas on January 22, 2022
   - Workshop on Sectoral Analysis by Mr. Kaushik Saha on January 12, 2022
   - Guest Lecture on "The Quintessence of Personal Branding" by Ms. Shivani Malhotra on July 7, 2021
   - Guest Lecture on "Exploring Your Creative Edge" by Dr. Parul Khanna on February 2, 2022

3. Reflecting input from students and alumni, the department conducted a Career Counselling session focused on the BFSI sector on September 12, 2021. Additionally, other sessions on career planning and preparation were organized, including an expert lecture on "Being Decisive for Specialization" by Prof. S.K. Bedi on July 9, 2021, an expert lecture on "Entrepreneurship and Family Business Development" by Prof. S.K. Bedi on August 17, 2021, and an expert lecture on "Accelerators and Incubation for Early-Stage Entrepreneurs and Funding Opportunities" by Mr. Gautam Garg on July 9, 2021.
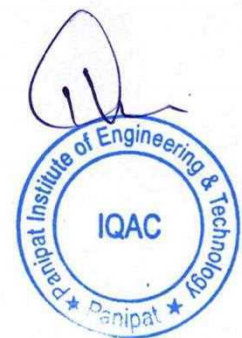
4. Considering suggestions from employers and alumni, the following events were organized to foster team skills, communication skills, initiative-taking, event management, industry alignment, and entrepreneurial skills:

- Case Study Competition under PrabandhanMania Management Fest (February 18-19, 2022)
- Business Plan Competition under PrabandhanMania Management Fest (February 18-19, 2022)
- Elevator Pitch Competition under PrabandhanMania Management Fest (February 18-19, 2022)
- Panel Discussion on Marketing 4.0 (May 15, 2022)
- Discussion on the Union Budget (February 1, 2022)

6. In response to feedback from students and alumni, infrastructural enhancements were made by adding five new interactive panels, and smart screens were installed in classrooms.

7. Guided by input from students, student engagement activities were organized:

- Master Stroke (Cricket Match and Discussions between First- and Second-Year Students) on December 10, 2021
- Yoga Session by Dr. Suman Dahiya on July 16, 2021

8. Based on feedback from students, alumni, and teachers, interactions with industry experts were conducted:

- Expert Lecture on "IPR and Overview of Patent Filing and Grant Process in India" by Ms. Pooja Rawal on July 17, 2021
- Expert Talk on "Social Media Marketing and Customer Engagement" by Mr. Vikas Mangla, Founder and CEO of Digital ROI, Pune, on June 10, 2022
- National Seminar on Emerging Trends in Management Practices on April 20, 2022

9. Based on feedback from teachers, a Faculty Development Program on Outcome-Based Education was organized from July 12, 2022, to July 16, 2022.

10. Based on the feedback received from teachers and students, following extra topics are included:

- Topics: The nature of intense brand relationships and brand communities and brand equity matrices in subject Strategic Brand Management (MM-305).
- Topics: New labour codes to ensure better governance at organisations and recommendations of seventh pay commission for government sector employees in India in subject Compensation & Reward Management (HRM-305).
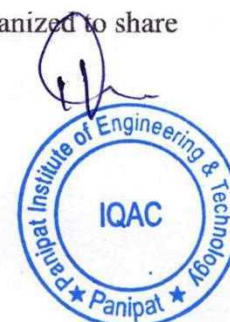
Panipat Institute of Engineering & Technology

Department of Computer Applications (MCA)

Action Taken Report

Session 2020-21

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1. As per the student and alumni's suggestion, the department has organized the following additional events aimed at showcasing students' competence in computing.

    -   Blind c organized on 3rd of May 2022.
    -   DCA Quest conducted from 22 Dec-24 Dec, 2021.

2. As per student, alumni and employer's suggestion, Communication and technical skill activities organized by department. These are following:

    -   Code Quotient, with 50 students.
    -   Confluence training and development with 140 students.
    -   The Computing Skills Development Program for the Advanced Level from 07-09-2021 to 18-09-2021

3. As per the student and alumni's suggestion, department arranged a short-term, hands-on courses focused on emerging technology.

    -   Python for Data Science from 22 Jan-12 Mar, 2022 (32 hours) with 56 students.

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    -   Workshop on the topic Importance of Data Analytics in industry on 25 June,2022.
    -   Seminar on Communication Skills and Social Etiquettes on 30th August 2021.

5. As per student and teacher's suggestion, a total of 336 books purchased for BCA of 27 titles.

6. As per student, teachers and alumni's suggestion following alumni talk organized to share their experiences regarding live projects.

    -   By Payal Sharma on 8 sep,2021
    -   By Ashish Arora on 20 sep,2021

Panipat Institute of Engineering & Technology

Department of Mechanical Engineering

Action Taken Report

Session 2020-2021

Year-end report as a summary of action taken during session 2021-2022 for feedback received from stakeholders during the session 2020-2021.

1. Based on the received suggestions from students, teachers, alumni and employers indicated the need of value-added courses along with current curriculum as follows:
   a) "Digital manufacturing in Idea lab I" was conducted from 20 Sept. to 25 Sept. 2021.
   b) "Electric vehicle dynamics" was conducted from 27 Jan 2022 to 2 Feb 2022.

2. As per feedback received from the students and alumni the following contents were delivered beyond the syllabus:
   a) "Different modes of boiling" were covered in heat transfer in subject.
   b) "Fundamentals of electric vehicle" was introduced in the subject of automobile engineering

3. In response to feedback students and alumni, following workshops were conducted:
   a) "Robotrix 3.0" from April 29th to 30th,2022.
   b) 3D modeling using Auto-CADon 3rd Nov, 2021.

4. Based on the received suggestion from the teachers, suggestions were given for the inclusion of advanced domains like EV, Robotics and 3D printing into the curriculum of B. Tech. (Honors) in BOS (Kurukshetra University Kurukshetra) meeting held on 20th July 2021.

5. With reference to the suggestions received from the students, faculty and alumni, classroom (C-204) was outfitted with interactive screen.

6. Based on the students and alumni feedback received, an expert lecture on topic "Role of research and development in industry" was conducted on 2nd November 2021.

Panipat Institute of Engineering & Technology

Department of Pharmacy
Action Taken Report
Session 2021-2022

Year-end report as a summary of action taken during session 2021-2022 for feedback received from stakeholders during the session 2020-2021

1. As per suggestions received by students and teachers, following webinars were organized and field experts were invited to deliver knowledge to the students about various perspectives of pharmacy field:

- An international webinar on "Orienting Pharmacy Students Towards Patient-centered Care" with IPA-CPD & IPA-SF on dated 31.07.2021 was organized in which Dr. Yulia Trisna (VP, FIP, Indonesia), Mrs. Majiri Gharat (VP, IPA) explained the importance of stock of medicines, and patient centered care.

- An online webinar on HPTLC for "Quality Control of Herbs" was organized on 06.01.2022 in which Dr. Manjusha Phanse (Anchrome, India) explained and gave the live demo on Quality control of Herbs using HPTLC.

- An online webinar on "In-silico ADME modelling in drug discovery process" was organized in which Dr. (Prof.) Harish Dureja gave the expert talk on drug discovery process on 18.01.2022.

2. As per suggestions received by teachers, following reputed pharmacy journals and reference books in departmental library were arranged to offer guidance and sufficient knowledge to the students in all aspects of academics:

- Indian journal of pharmaceutical Education and Research,
- Journal of hospital Pharmacy,
- Cronicle Pharma Biz,
- Express Pharma,
- International Journal of pharmacology Research,
- International Journal of Innovative Drug Discovery.

- Remington "Science and Practice of Pharmacy"
- Vogel' s "Textbook of Practical Chemistry"

3. As per suggestions received by Teachers, a Pharma Summit was organized to introduce the students to various ideas and innovations in the field of Pharmacy. In this session, Dr. Ajit Dua, CEO, Punjab Biotechnology incubator was one of the speakers who apprised students about government funding available for students and budding entrepreneurs on 15.04.2022.

4. As per suggestions received by teachers, a value-added course was included such as "Yoga and Medication" from 17-01-2022 to 16-03-2022 to impart subjective knowledge to students.

5. As per suggestion received by teacher, a Brookfield viscometer LMDV-100 was purchased for Pharmaceutics lab to enhance students' practical skills.

Panipat Institute of Engineering & Technology
Department of Textile Engineering
Action Taken Report
Session 2020-2021

Year-end report as a summary of action taken during session 2021-2022 for feedback received from stakeholders during the session 2020-2021

1) On the Basis of feedback received from students, faculty and alumni, following topics were also taught in the subject of Yarn Manufacturing-III:
   a) Air-Jet yarn production calculations
   b) Friction spun yarn production calculation
   c) Core yarn spinning

2) As per the feedback received from faculty, alumni and employer following value-added courses are organized by the department:
   a) Carpet Technology

3) Based on the feedback received from students and alumni department has organized following:
   a) Visit to Nonwoven Tech-Asia Exhibition on 18th Dec. 2021.
   b) Industrial visit to Ess Kay Enterprises on 27th March 2022.