



Indian Institute of Technology, Kanpur

End-Term Report 2023-24





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PG-Academics Wing

1. State of the Art Seminars (SOTA):

Conducted specialized session tailored for Ph.D. students to enhance their proficiency in delivering effective State of the Art Seminars (SOTA). These sessions were meticulously designed to focus on both the communication skills of the presenters and the quality of content delivery, aiming to elevate the overall standard of seminars within the academic community.

The workshop components included:

- (i) Communication Skills Enhancement: Emphasized the importance of clear and effective communication during seminars. Provided guidance on verbal articulation, body language and the use of visual aids to enhance overall presentation effectiveness.
- (ii) Structuring Content for Impact: Instructed participants on how to structure SOTA presentations for maximum impact, ensuring a logical flow of information. Offered tips on selecting and presenting relevant content to maintain audience engagement and interest.
- (iii) Mastering Technical Jargon: Assisted participants in navigating and effectively utilizing technical terminology relevant to their research areas. Encouraged the use of layman's terms where appropriate to make complex concepts accessible to a broader audience.
- **(iv) Interactive Practice Sessions:** Facilitated hands-on practice sessions where Ph.D. students could refine their seminar delivery skills. Provided constructive feedback and personalized coaching to each participant to address specific areas of improvement.
- (v) Peer Learning and Collaboration: Encouraged collaboration among Ph.D. students, fostering an environment where they could learn from each other's presentation styles and techniques. Created opportunities for peer-to-peer feedback to promote continuous improvement.

These State of the Art Seminar session aimed to equip Ph.D. students with the necessary tools and skills to deliver impactful and engaging presentations, contributing to the overall academic excellence and knowledge dissemination within the research





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community.

2. Academic Orientation for Y-23 Freshers:

Conducted a comprehensive academic orientation session tailored for Y-23 fresher students, with a focus on equipping them with essential information to navigate their academic journey effectively. The Academic Orientation covered key aspects, ensuring a smooth transition and fostering a clear understanding of academic policies. Highlights of the session included:

- (i) Introduction to Academic Rules: Provided a detailed overview of academic rules and regulations governing various aspects of student life including course requirements, examinations, and grading policies.
- (ii) Termination Policies and Guidelines: Delivered insights into termination policies, elucidating the conditions under which students may face termination and offering guidance on preventive measures to ensure academic success.
- (iii) Role of AnC Managers: Clarified the pivotal role of AnC (Academics and Career) managers in providing academic support, addressing concerns and facilitating communication between students and academic authorities.
- (iv) DPGC Student Nominees' Responsibilities: Outlined the responsibilities and functions of DPGC (Departmental Postgraduate Committee) student nominees, emphasizing their role as advocates for student welfare within the department.
- (v) Interactive Q&A Session: Encouraged active participation through an interactive question-and-answer session, allowing fresher students to seek clarification on any academic-related queries or concerns.
- (vi) Tips for Academic Success: Shared practical tips and strategies for academic success, including effective time management, study techniques and leveraging available resources on campus.
- (vii) Introduction to Academic Resources: Familiarized students with available academic resources on campus, such as libraries, research facilities and online platforms to support their academic pursuits.
- (viii) Building a Supportive Academic Community: Emphasized the importance of fostering a supportive academic community, encouraging collaboration, and seeking assistance when needed.

The Academic Orientation for Y-23 Freshers aimed to provide a solid foundation for new students, ensuring they are well-informed, confident, and equipped to navigate





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the academic landscape at IIT Kanpur.

3. DPGC Student Interviews:

Facilitated and managed DPGC (Departmental Postgraduate Committee) student interviews in collaboration with SPGC (Student Postgraduate Committee) student nominees. The objective was to conduct a comprehensive and fair selection process, ensuring the representation of student voices in departmental decision-making. Key aspects of the DPGC student interviews included:

- (i) Collaboration with SPGC: Worked closely with SPGC student nominees to align the DPGC student interview process with broader student representation goals.
- (ii) Thorough Selection Process: Ensured a thorough and transparent selection process for DPGC student nominees, considering factors such as leadership qualities, communication skills, and a commitment to student welfare.
- (iii) Representation of Student Voices: Emphasized the importance of DPGC student nominees as advocates for the student community, highlighting their role in conveying student concerns and perspectives to the department.
- (iv) Fair and Inclusive Approach: Promoted fairness and inclusivity in the interview process, welcoming candidates from diverse backgrounds and encouraging equal opportunities for all interested students.
- (v) Alignment with Departmental Goals: Aligned the DPGC student interview process with the department's objectives, ensuring that selected nominees would actively contribute to the enhancement of the postgraduate student experience.

The DPGC student interviews aimed to identify passionate and dedicated individuals who would serve as effective representatives, fostering a strong and collaborative relationship between students and the department.

4. Session on Constructing Effective Appeals

I. Collaborative Effort: AnC, in conjunction with SPGC and DPGC student nominees, joined forces to organize a crucial session addressing the concerns of students who had received warnings or termination letters. This collaborative effort underscored the collective commitment to supporting students during challenging academic circumstances.





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- II. **Detailed Guidance:** The session aimed to provide comprehensive guidance to students on how to construct an effective plea. We delved into the intricacies of drafting a persuasive appeal, emphasizing the importance of addressing specific concerns outlined in the warnings or termination letters. By offering detailed insights and strategies, we sought to equip students with the tools necessary to advocate for their academic standing effectively.
- III. Crafting Compelling Pleas: We provided practical advice on how to craft compelling pleas that effectively articulate students' circumstances, challenges, and proposed solutions. This included guidance on structuring the plea, presenting supporting evidence, and demonstrating a genuine commitment to academic improvement.
- IV. Empowering Students: The overarching goal of the session was to empower students with the knowledge and resources needed to navigate the appeals process with confidence and efficacy. By fostering a supportive environment and offering tailored guidance, we aimed to instil students with the resilience and determination to overcome academic challenges and advocate for their academic rights.
- V. **Ensuring Fair Treatment:** Through this initiative, we reaffirmed our commitment to ensuring fair treatment and due process for all students facing academic difficulties. By providing guidance on constructing effective pleas, we sought to uphold principles of transparency, accountability, and procedural fairness within the academic community.

Overall, the collaborative session organized by AnC, SPGC and DPGC student nominees served as a valuable resource for students grappling with warnings or terminations, offering practical guidance and support to navigate these challenging situations effectively.

PG-Research Wing

1. PMRF Guidance Session:

Facilitated an insightful and comprehensive session dedicated to guiding students through the intricacies of the Prime Minister's Research Fellowship (PMRF) program. The session aimed to empower students with a thorough understanding of the PMRF, covering key aspects and offering valuable insights to enhance their application process.

The components of the PMRF Guidance Session included:





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- (i) Overview of PMRF: Delivered a detailed overview of the Prime Minister's Research Fellowship, elucidating its significance and the opportunities it presents for aspiring researchers.
- (ii) Vertical-specific Weightage: Provided detailed information on the weightage assigned to different verticals within the PMRF program, helping students understand the criteria by which their applications would be evaluated.
- (iii) Application Process Demystified: Walked students through the step-by-step application process for PMRF, clarifying any potential ambiguities and addressing common queries.
- (iv) Essential Documentation: Offered guidance on the documentation required for a successful PMRF application, ensuring that students were well-prepared with all necessary materials.
- (v) Tips for Crafting a Strong Application: Shared valuable tips and strategies for preparing a compelling PMRF application, emphasizing elements that could enhance its overall strength.
- (vi) Interactive Q&A Session: Encouraged active participation by allowing students to ask questions and seek clarification on any aspect of the PMRF program.
- (vii) Case Studies and Success Stories: Shared case studies and success stories of individuals who have successfully secured the PMRF, offering inspiration and practical insights to aspiring candidates.

This PMRF Guidance Session played a pivotal role in demystifying the application process, empowering students with the knowledge and confidence needed to pursue this prestigious research fellowship. It aimed to create a pathway for students to contribute meaningfully to research and innovation through the PMRF program.

2. Journal Paper Publishing Session:

The Journal Paper/Research Articles Publishing session was designed to provide participants with practical insights and strategies for publishing their research findings effectively. Participants learned about the various stages of the publication process, from selecting the right journal to formatting their manuscript and navigating the peer-review process. The session covered essential topics such as crafting impactful abstracts, structuring manuscripts for clarity and coherence, and understanding the





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ethical considerations involved in academic publishing. Through interactive discussions and hands-on activities, participants gained valuable tips and techniques for increasing the visibility and impact of their research articles. Additionally, the workshop provided guidance on addressing reviewer feedback and revising manuscripts for publication, empowering participants to navigate the complexities of the publishing landscape with confidence.

3. Understanding the Distinction: Experimental vs. Computational Research

Facilitated an interactive session to elucidate the nuanced differences between experimental and computational research methodologies. The session aimed to equip students with a comprehensive understanding of the distinctive characteristics associated with each approach. Key elements of the session included:

- (i) Interactive Learning: Structured the session as an interactive learning experience, encouraging active participation and engagement from the attendees.
- (ii) Conceptual Framework: Presented a conceptual framework outlining the fundamental differences between experimental and computational research, emphasizing the unique features and methodologies associated with each.
- (iii) Real-world Examples: Illustrated the concepts with real-world examples to provide practical insights into how experimental and computational research are applied in various academic and industrial settings.
- (iv) Decision-Making Insights: Provided insights into the factors influencing the choice between experimental and computational research, helping students make informed decisions based on their research objectives.
- (v) Case Studies: Incorporated relevant case studies to further illustrate the applications, challenges, and advantages of both experimental and computational research paradigms.
- (vi) Q&A Session: Concluded the session with a dedicated question-and-answer segment, allowing students to seek clarification on specific aspects and fostering an open dialogue.

The session aimed to empower students with the knowledge needed to make informed choices regarding their research methodologies, aligning with their academic and professional goals.





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4. Driving Progress: Autonomous Vehicle Research

This session delved into the exciting advancements achieved at IIT Hyderabad's Technology Innovation Hub on Autonomous Navigation (TiHAN) Test Bed, a state-of-the-art facility dedicated to pioneering connected autonomous vehicles. Dr. Digvijay's presentation spotlighted the unique challenges confronting autonomous vehicles in India's dynamic traffic landscapes, emphasizing safety concerns inherent in conventional human-driven vehicles. From navigating diverse and bustling traffic scenarios to addressing safety issues, the talk provided invaluable insights into how autonomous vehicle technologies are ingeniously tackling these challenges, paving the way for a safer and more efficient future on the roads. Additionally, the session will touch upon the "Driving Progress Autonomous Vehicle Research" workshop, which focused on enhancing traffic operations, safety, and highway geometric design. Specifically centered on Intelligent Transportation Systems (ITS) and Naturalistic Driving Studies (NDS), developing ITS solutions to bolster driver and pedestrian safety, particularly at uncontrolled intersections, while also contributing significantly to the implementation of various ITS technologies.

PG-Career Development Wing

1. Core Placement Sessions:

Led and facilitated tailored sessions dedicated to core engineering departments with the primary goal of equipping students with the knowledge and skills necessary to excel in the recruitment processes of core placement companies. These sessions were meticulously designed to provide comprehensive guidance, covering various aspects such as exam preparation strategies, interview techniques and insights into the specific requirements of core companies.

The sessions involved:

- (i) Exam Excellence Strategies: Delivered insights into the specific patterns, formats and topics commonly featured in core companies' recruitment exams.

 Provided strategic approaches and tips for effective exam preparation, ensuring
- students were well-equipped to tackle the challenges posed by these assessments.
- (ii) Interview Mastery Techniques: Offered guidance on mastering core placement interviews, including the types of questions typically asked and the key competencies assessed.

Conducted mock interview sessions to provide practical experience and constructive





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feedback to enhance students' interview performance.

(iii) Understanding Core Company Expectations: Shared in-depth knowledge about the expectations and preferences of core companies when selecting candidates for placements.

Discussed the technical and non-technical skills that are highly valued by core companies during recruitment processes.

(iv) Interactive Q&A Sessions: Encouraged active participation through interactive question-and-answer sessions, providing students with the opportunity to seek clarification on specific concerns or queries related to core placements.

These Core Placement Sessions aimed to empower students with the insights and skills needed to navigate the recruitment processes of core engineering companies successfully. The comprehensive approach ensured that students were well-prepared, confident and competitive in pursuing opportunities within their respective core domains.

2. Non-Core Placement Sessions:

Conducted specialized workshops aimed at preparing students for Non-Core job opportunities, focusing on enhancing their readiness for recruitment processes in this sector. These sessions were carefully curated to offer thorough guidance, encompassing exam preparation tactics, interview strategies, and a deep understanding of the unique demands of Non-Core companies.

The sessions involved:

1. Data Science and Analytics: Provided guidance on developing data driven skills including strategies for building a strong resume and preparing for data sector interviews. Included study materials to aid in cracking data-related interviews and discussed the nuances of approaching data analytics, data engineering, and data science roles, highlighting the differences in required skill sets and job expectations.

Consulting: The sessions for consulting companies aim to provide a holistic understanding of the industry and prepare students for the rigorous recruitment process. They cover diverse topics such as industry insights, case study preparation methodologies, behavioural interview strategies, consulting tools and techniques, and networking guidance. By offering comprehensive guidance on various aspects of consulting careers, including problem-solving frameworks, presentation skills, and recruitment processes, students are equipped with the knowledge and skills necessary to excel in consulting job interviews and secure positions in top consulting firms.





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Finance and Banking: The sessions for finance and banking delve into the intricacies of the financial industry, offering students a comprehensive understanding of key concepts and practices. Topics covered include financial modelling, investment analysis, risk management strategies and banking operations. Through case studies, mock interviews, and practical exercises, students gain hands-on experience and develop critical skills required for roles in finance and banking. The sessions also provide insights into industry trends, regulatory frameworks, and career pathways, enabling students to navigate the competitive recruitment process with confidence and success.

Product Management: The sessions on product management provide students with an in-depth understanding of the product lifecycle, from ideation to launch and beyond. Participants learn essential skills such as market research, product design, project management, and stakeholder communication. Through case studies and interactive exercises, students explore real-world scenarios and develop strategies for defining product requirements, prioritizing features, and driving product innovation. Additionally, the sessions cover agile methodologies, product road mapping, and user experience design, equipping students with the tools and techniques needed to excel in product management roles across diverse industries.

PG-International Relations Wing

1. PhD Abroad Session:

Conducted an extensive session designed to assist students in navigating the process of pursuing PhD programs abroad. The session covered various crucial aspects, providing valuable insights and practical guidance to help students embark on their doctoral journey in international institutions. The key components of the workshop included:

- (i) Understanding the PhD Abroad Landscape: Presented an overview of the global scenario for pursuing a Ph.D., highlighting the diverse opportunities available in different countries and institutions.
- (ii) Application Procedures and Requirements: Guided students through the intricacies of the application process for international Ph.D. programs, elucidating the specific requirements and documentation needed.
- (iii) Selecting the Right Institution and Supervisor: Provided strategies for choosing the most suitable institutions and supervisors for Ph.D. research, considering





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factors such as research interests, faculty expertise, and academic resources.

- (iv) Effective LOR Writing: Offered detailed insights into the art of crafting compelling Letters of Recommendation (LORs) for Ph.D. applications, focusing on the elements that can enhance an applicant's profile.
- (v) Navigating Funding Opportunities: Discussed various avenues for securing funding and scholarships to support Ph.D. studies abroad, ensuring that students were aware of financial resources available to them.
- (vi) Application Timeline and Deadlines: Presented a timeline for the Ph.D. application process, helping students plan and meet deadlines effectively to maximize their chances of successful admission.
- (vii) Interactive Q&A Session: Facilitated an interactive question and answer session, allowing students to seek clarification on specific queries and concerns related to pursuing a Ph.D. abroad.

The PhD Abroad Workshop aimed to empower students with the knowledge and tools necessary to navigate the complexities of international Ph.D. applications, fostering their aspirations for advanced research and academic excellence on a global scale.

2. Postdoc Abroad Workshop:

Conducted an informative workshop focused on providing guidance to students aspiring to pursue Postdoctoral positions abroad. The session covered essential aspects of the Postdoc application process, offering valuable insights and practical tips to facilitate a successful transition to advanced research roles. Key components of the workshop included:

- (i) Understanding Postdoctoral Opportunities Abroad: Presented an overview of the diverse opportunities available for Postdoctoral research in international institutions, emphasizing the significance of this career stage.
- (ii) Application Procedures and Requirements: Guided students through the intricacies of applying for Postdoctoral positions abroad, highlighting specific requirements, documentation, and application protocols.
- (iii) Selecting the Right Institution and Research Group: Provided strategies for choosing suitable institutions and research groups for Postdoctoral work, considering factors such as research alignment, mentorship, and collaborative opportunities.





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- (iv) Effective LOR Writing for Postdoc Applications: Offered detailed insights into crafting impactful Letters of Recommendation (LORs) for Postdoctoral applications, focusing on elements that enhance the applicant's research profile.
- (v) Navigating Funding and Fellowship Opportunities: Discussed various avenues for securing funding and fellowships to support Postdoctoral research abroad, ensuring that students were aware of financial resources available to them.
- (vi) Application Timeline and Deadlines: Presented a timeline for the Postdoc application process, assisting students in planning and meeting deadlines efficiently to maximize their chances of successful placement.
- (vii) Interactive Q&A Session: Facilitated an interactive question and answer session, allowing students to seek clarification on specific queries and concerns related to pursuing a Postdoctoral position abroad.

The Postdoc Abroad Workshop aimed to empower students with the knowledge and tools necessary to navigate the complexities of international Postdoctoral applications, fostering their aspirations for advanced research and academic excellence on a global scale.

3. Workshop on Student Exchange Programs for PG Candidates:

Facilitated an insightful workshop dedicated to PG candidates, shedding light on the intricacies of student exchange programs. The workshop encompassed various aspects, providing valuable guidance and information to enhance the participants' understanding. Key components of the workshop included:

- (i) Introduction to Student Exchange Programs: Offered an overview of the concept of student exchange programs, emphasizing the academic and cultural opportunities they present.
- (ii) Application Process Demystification: Clarified the application procedures, requirements, and timelines associated with participating in student exchange programs, ensuring participants were well-informed.
- (iii) Benefits and Opportunities: Explored the manifold benefits of engaging in student exchange, including exposure to diverse academic environments, cultural immersion, and broadening of perspectives.





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- (iv) Success Stories and Testimonials: Shared success stories and testimonials from students who previously participated in exchange programs, providing first-hand insights into the transformative experiences gained.
- (v) Practical Tips and Challenges: Offered practical tips for a successful application and addressed potential challenges, equipping candidates with the knowledge needed to navigate the process smoothly.
- (vi) Interactive Session: Fostered an interactive environment, encouraging participants to ask questions, share concerns, and engage in discussions to enhance their comprehension.

The workshop aimed to inspire and guide PG candidates in considering and pursuing enriching experiences through student exchange programs, fostering a global perspective within the academic community.

Institute Research Symposium

The Institute Research Symposium (IRS) is a significant research event organized to showcase and promote research endeavours within the institute. It serves as a platform for scholars, researchers, and students to present their latest findings, exchange ideas, and foster interdisciplinary collaboration. IRS typically features keynote speeches, panel discussions, oral presentations, poster sessions, and networking opportunities, covering a wide range of research topics across various disciplines. The impact of IRS is multifaceted. Firstly, it provides researchers with a valuable opportunity to disseminate their work and receive feedback from peers and experts in their respective fields. This feedback mechanism contributes to the refinement and improvement of research projects. Secondly, IRS facilitates knowledge sharing and interdisciplinary dialogue, fostering innovation and collaboration across different academic domains. By bringing together researchers from diverse backgrounds, IRS promotes cross-pollination of ideas and encourages the exploration of novel research directions.

The second edition of the Institute Research Symposium (IRS) in 2023 featured enlightening presentations by eminent speakers. Professor Kantesh Balani from IIT Kanpur discussed the engineering marvels of advanced nanomaterials, spanning aerospace applications, damage-tolerant coatings, super hydrophobicity, and biomimicry. Dr. Sandip Patil, Director of E-Spin Nanotech Pvt. Ltd., delved into the commercial applications of nanofiber technology, emphasizing its potential in energy, biotechnology, and filtration. Professor Yashowanta N. Mohapatra explored the significance of interdisciplinary research, showcasing its role in driving innovations and addressing global challenges. The event included an impactful opening ceremony and

Kapil Sharma

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engaging oral and poster presentations.

Career Connect

CAREER CONNECT, AnC's prestigious annual flagship event, was expertly planned and executed, taking place from April 5–7. This event has been carefully planned to act as a lighthouse of empowerment and inspiration for students, providing them with an array of tools and direction to enable them to pursue their personal, professional, and societal goals with clarity and confidence.

1.Mastering The Art of Writing Good Research Articles: During the Career Connect event, Professor YNM conducted a session focused on "Mastering The Art of Writing Good Research Articles: Best Practices." In this session, attendees learned essential strategies and techniques for crafting high-quality research articles. Professor YNM shared valuable insights into the process of writing research articles, including best practices, common pitfalls to avoid, and tips for effective communication of research findings. Attendees had the opportunity to engage with Professor YNM, ask questions, and gain practical knowledge that would benefit them in their academic and research endeavours. Overall, the session provided valuable guidance and resources to help participants enhance their research writing skills.

- 2. "Exploring the career opportunities after PhD/Masters" The panel discussion on "Exploring The Career Opportunities After PhD/Masters" featured esteemed speakers Dr. Rajeev Jindal and Dr. Shikhar Mishra. During the session, attendees had the opportunity to delve into the various career pathways available to individuals holding advanced degrees such as PhDs and Masters. Dr. Jindal and Dr. Mishra shared their insights and experiences, shedding light on diverse career trajectories beyond academia. They discussed potential career opportunities in industries, research institutions, government organizations, and the private sector, emphasizing the value of advanced degrees in today's job market. The panellists also addressed questions from the audience, providing valuable advice and guidance to students exploring their post-graduate career options. Overall, the panel discussion offered attendees valuable insights into the myriad career paths available after completing their PhD or Masters programs, empowering them to make informed decisions about their professional futures.
- 3. "MATLAB Workshop": The MATLAB Workshop provided participants with a comprehensive overview of MATLAB's industrial applications and practical uses. The workshop covered various key topics aimed at enhancing participants' understanding





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and proficiency in using MATLAB for industrial purposes.

- Introduction to MATLAB for Industrial Uses: Participants were introduced to the fundamental concepts of MATLAB and its relevance in industrial settings. The session focused on basic MATLAB functionalities, syntax, and data manipulation techniques commonly used in industrial applications.
- Hands-on overview of Engineered System & Model-Based Design: This session
 provided participants with hands-on experience in applying MATLAB for
 engineered system modelling and design. Participants learned how to use
 MATLAB's powerful modelling tools to simulate and analyse complex engineering
 systems, emphasizing the principles of model-based design.
- Robotics and AI: Participants explored the intersection of MATLAB, robotics, and artificial intelligence (AI). The session covered MATLAB's capabilities in robotics applications, including robot kinematics, dynamics, and control algorithms. Additionally, participants gained insights into using MATLAB for AI-related tasks such as machine learning and deep learning in robotics.
- Hands-on overview of AI for Computer Vision: In this practical session, participants learned how to leverage MATLAB for computer vision applications. They were introduced to MATLAB's computer vision toolbox and guided through hands-on exercises to implement various computer vision algorithms for image processing, object detection, and recognition.

Overall, the MATLAB Workshop equipped participants with the knowledge and skills needed to leverage MATLAB effectively in industrial settings, covering essential topics ranging from basic functionalities to advanced applications in engineered systems, robotics, AI, and computer vision.

4. "Analytics Workshop": During the Analytics Workshop, participants were introduced to the fundamentals of data visualization and analysis using Tableau software. The workshop aimed to enhance participants' skills in leveraging data visualization tools for interpreting and communicating insights from complex datasets. Through hands-on exercises and demonstrations, attendees learned how to create interactive dashboards, design effective visualizations, and perform exploratory data analysis. The workshop covered various Tableau features and functionalities, enabling participants to gain practical experience in data visualization techniques. Overall, the workshop provided a comprehensive introduction to Tableau analytics, empowering participants to harness the power of data visualization for informed decision-making and data-driven storytelling.





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Future Initiatives:

In the future, we plan to integrate the ACM SIGCHI group with AnC to increase the participation of students working on real impactful projects and to ease the development of various solutions that are needed by various authorities and gymkhana. Established in 2023 through discussions with ACM India and the CSE Department at IIT Kanpur, ACM SIGCHI (Special Interest Group in Computer Human Interaction) is advised by Sruti Ma'am. The group aims to consolidate HCI research for interdisciplinary collaboration and to create socially impactful real-world projects focused on developing and redesigning technology. To date, the group has hosted a national event with Techkriti (Human Centric Design Challenge) and is involved in significant projects such as JalJeevan Mission (portable water to over 100,000 homes), Samvad Saathi (a regional language chatbot), Giving Eyes (real-time captioning tool in collaboration with CDAP IITK), AdultSkool (a tool to empower the unskilled with basic numeric skills), and Unmute Tech (a media-retrieval system to combat alcohol addiction in the Korava speaking tribe).

Acknowledgement:

As my tenure as the General Secretary of the Academics and Career Council (PG) comes to a close, I want to express my sincere gratitude to each and every member of the core team of AnC. I also want to thanks Mr. Shreyank Goel, Mr. Utkarsh Gupta, SPGC and DPGC student nominees, academic senate student nominees and all individuals who have supported and collaborated with me during this journey. Together, we have achieved significant milestones and made meaningful contributions to the welfare and development of our fellow students.