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## From The Editor's Desk

### Dear Readers,

I am delighted to present the latest edition of our quarterly periodical, underscoring our commitment to keeping you well-informed and engaged in the dynamic realm of aviation. In this edition, you will find two featured articles. One highlights forthcoming innovations supporting eco-friendly aviation, while the other delves into the region's aviation history, providing a captivating journey back to its origins.

Our primary focus in the article "Waste to Wings" is on Sustainable Aviation Fuel (SAF). Amidst the challenges of a dynamic world, we explore how the aviation industry contributes to decarbonizing aviation by adopting alternative fuel systems, while keeping intact the safety of our aircraft.

The article titled "Wings of Time" takes you on an enthralling expedition through Pakistan's Aviation History. This article, aptly named "Black Hangar – commonly known by locals as Kala Chapra," inaugurates a series promising more insightful articles about the rich history of aviation in Pakistan in future issues.

Additionally, we are excited to share highlights from the 8<sup>th</sup> Experience Sharing Event and a comprehensive full-day Seminar on Continuing Professional Development (CPD). These events provide vibrant platforms, uniting the brightest minds in aviation, fostering the exchange of knowledge and expertise that propels our industry forward.

This edition also reflects on two significant events at CATI in the third quarter of 2023: the spirited celebration of "Independence Day" and the reverent observance of the birth of our Holy Prophet during "Maulood-e-Nabi Milad."

We trust that you will find this issue both informative and engaging. Your valuable feedback and ideas for future editions are eagerly awaited, as your support and readership are instrumental in propelling us forward on this continually learning journey. We extend a warm invitation to our esteemed readers to contribute articles, of 1,500 – 2,000 words, enabling us to showcase your insights and experiences.



Thank you for being an integral part of the aviation community.

Happy reading.

With Regards,

Nawaz Ahmed Sipra, Chief Editor



# FROM WASTE TO WINGS SUSTAINABLE AVIATION FUEL

## DE-CARBONISING THE AVIATION INDUSTRY

In March 2023, the U.S. Government Accountability Office released a report on SAF, which recommended that federal agencies should track progress toward ambitious federal goals for SAF production and use. In June 2023, the World Economic Forum announced its annual list of breakthrough technologies with the greatest potential to make a positive impact on the world. One of the technologies on the list was sustainable aviation fuel, which was recognized for its role in powering a sustainable, clean-energy future. Boeing is aiming to purchase 4.8 million gallons of SAF by 2023. So why SAF is becoming important for the world? the answer is "reduced carbon emissions"



**Background:** Aviation industry is dependent on Jet Fuel because of its unique energy density. However, with the industry projected to double in size, reaching nearly 8 billion passengers by 2050, there are growing concerns regarding carbon footprint and its impact on the environment.

To address these concerns, several companies are developing Sustainable Aviation Fuels using various sources of Advanced Biofuels and Renewable Fuels of Non-Biological Origins (RFNBOs). These fuels are mixed with traditional aviation fuel and undergo testing and certification to be recertified as 'Jet-A' or 'Jet-A1' fuel, readily available for transportation and use.



ICAO & SAF: ICAO facilitates production of SAF through four mainstreams.

### 1. Global Standards

Under the umbrella of CORSIA (Carbon Off-setting Reduction Scheme for International Aviation), ICAO has set standards for Low Carbon Fuels and Life cycle methodologies. 126 states have voluntarily become part of ICAO's CORSIA program.

Sustainable Aviation Fuel (SAF) is made mostly from sustainable feedstocks such as cooking oil, animal waste oil, solid waste from homes and businesses such as packaging, paper, textiles and food scraps which otherwise go to landfills or incineration. Use of SAF can make a profound reduction of up to 80% in carbon emissions as compared to traditional Jet fuel.

### 2. ICAO's LTAG

ICAO's Long-Term Global Aspirational Goal (LTAG) aims to achieve net-zero carbon emissions in international aviation. To meet this objective, the organization has identified three key factors: technical, operational, and fuel-related measures. Among these, SAF (Sustainable Aviation Fuel) stands out as the most promising solution for reducing the carbon footprint in the aviation sector.

The use of three types of fuels - SAF, LCAF, and non-drop fuels such as hydrogen or electricity - is proposed by the report to achieve this ambitious objective. SAF production is expected to meet aviation demand by 2044,



based on factors such as feedstock availability, cost, and CO2 reduction. By 2050, CO2 reductions may reach up to 50%, and potentially 88% by 2070.

### 3. ICAO's Assistance, Capacity-building & Training for SAF (ACT-SAF)

program supports the transition to sustainable aviation fuels. Currently, 89 states are involved in this program, which provides guidance on conducting feasibility studies, identifying priority pathways for SAF production, and offering recommendations on an action plan.



### 4. Outreach and Information

ICAO is continuously monitoring, stock-taking and publishing data on SAF tracking tools, SAF guide and Global Framework.



107 airports  
distributing SAF



11 approved  
Conversion  
processes



42 Feedstocks  
Recognised  
Under ICAO

**Challenges:** One of the significant challenges associated with Sustainable Aviation Fuel (SAF) is its production cost, which is up to 4 times higher than traditional jet fuel. However, some recent advancements, such as the utilization of human waste to create standard fuel, have been promising. Nevertheless, continuous production, supply, and regulatory approvals necessitate long-term development and investment in the infrastructure to ensure the steady supply of feedstock to production plants at an industrial scale.

A single passenger on return flight between Islamabad and Karachi, using traditional Jet Fuel, roughly contributes 11,000 Kg of fuel burn translating to approximately 220 Kg of CO2 emissions.

Pakistan and SAF: Pakistan is undoubtedly one of the most climate stricken countries. Pakistan is also the fifth-largest population globally, presenting a unique opportunity to invest in feedstock harvesting. We can install feedstock collection facilities in major cities like Karachi, Lahore, Hyderabad. Pakistan currently struggles in waste management measures. This waste could lead to the production of biofuels for SAF consumption while also opening the possibility for Pakistan to export feedstock to other countries. By utilizing our waste products, we can generate foreign exchange, thus making efficient use of our waste by turning it into a resource. Becoming the part of ICAO's ACT-SAF program, we can play an active role saving our environment.

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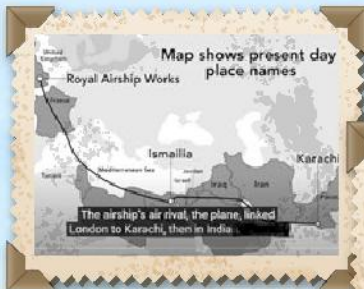
# WINGS OF TIME: A Journey through Pakistan's Aviation History

## Black Hanger- the lost Aviation Heritage (Kala Chapra at Karachi Airport)

Author

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Ex Senior Air Traffic Controller / Ex Senior Instructor ATS



**Karachi remains a crucial link** in this air transport chain by the British Empire to keep it united as the Royal Air force's Drigh Airfield (Now PAF Base Faisal) and Karachi Aerodrome as important support facility were available in the area.



**Preparations were made years in advance** to accommodate the giant airship. **Three large hangars** were constructed in the world to house it and **one of those was in Karachi** (which became known as Kala Chapra to the locals). The construction of hanger commenced in 1927 and completed in August 1929.



**Lieutenant-Commander H W Watt**, attached with the Royal Airship Works, Cardington, for training to take charge of, aero planes and Airships at Karachi which was under the administrative control of the Government of Royal India. In **August 1929** He took up all **the British Aviation setup at Karachi by appointment as the Chief Aerodrome Officer Karachi** and also to make all of the local arrangements for the forthcoming India flight of R 101.



**As a part of "Imperial Airship Scheme 1924-1930"** two airships were built, one (R 100) by a private company and the other (R101) by the **Royal Airship Works**. The Airship No. R100 operated between England and Canada in 1929 whereas the Airship No. R101 have the capacity to transport 200 persons, specially developed was **planned to fly from RAF Cardington Airfield in Bedfordshire England, to Karachi in October 1930.**

**Main Railway** track from Karachi to Peshawar passes close to the site of **hanger for Airship**. The Railway station closed to the hanger was named as **Air ship** in the 1920s **before the Karachi airport was built**. Later its name was changed to Airport Halt, the station now a days is simply called '**Airport**'. Even today, the **road which connects Shahrah-e-Faisal and Gulistan-e-Johar** is called the **Kala Chapra road** by some old-timers, and the local bus stop on main Shahrah-e-Faisal still goes by the same name **KALA CHAPRA.**



In **1952**, the **Government of Pakistan decided** to bring down the black hanger but the structure managed to survive till **1960** when it was finally agreed to proceed with dismantling and steel was **used on Railway structures and bridges across Pakistan**. This brought an end to this unique piece of civil engineering in Pakistan and become part of aviation history. **Presently this area is under the use of PIA Precision Engineering complex at Karachi Airport.**







## CHARAAGH SAY CHARAAGH JALTA HAI

### Illuminating Pathways from the Experiences of the Experienced

Amid the serene atmosphere of CATI Hyderabad, the 8<sup>th</sup> Experience Sharing Platform (ESP) unfolded on September 21<sup>st</sup>, 2023. Evolving into a harmonious convergence of wisdom and inspiration, the event brought together aviation leaders, guests, and enthusiastic participants on a shared journey. Their objective was to share valuable insights, ignite motivation, and foster an enduring passion for knowledge and development. The session witnessed a noteworthy gathering of aviation enthusiasts, trainees, educators, and officials both from HQCAA and airports, creating a vibrant and memorable event. Additionally, this gathering provided a meaningful platform for the current and future managers, offering them the opportunity to meet and glean wisdom from wealth of experience of their retired leaders. The event received the esteemed presence of Air Vice Marshal Jamal Arshad, the former Additional Director General of the Pakistan Civil Aviation Authority. He not only graced the occasion as the Chief Guest but also took the stage as a keynote speaker. Alongside him were two other notable retired figures in the aviation industry, who have made significant contributions to the growth and development of civil aviation in Pakistan: Mr. N. A. Jaffery, the former Director of CAA, and Mr. Zahid Hussain Khan, also a former Director of CAA. The trio, with their extensive expertise and invaluable experiences, shared profound insights, enlightening the audience with their profound understanding of the field.

It has been a tradition of each ESP, to pay a collective tribute to our colleagues who have departed this world for their eternal abode. In ESP-8, we commemorated the following officers

- Mr. Tariq Mehmood (Ex-DCATI)
- Mr. Ishtiaq Ahmed (Ex- Sr. Additional Director RFFS)
- Mr. Muhammad Ibraheem (Ex- Sr. Supdt.)

Concluding the captivating session of the 8<sup>th</sup> Experience Sharing Platform (ESP), Director of CATI, Mr. Sumair Saeed, extended heartfelt gratitude to the Chief Guest, Air Vice Marshal Jamal Arshad, and other esteemed keynote speakers for enriching the audience with their invaluable experiences. Reflecting on the mind-blowing insights shared during the event, Mr. Saeed reaffirmed his unwavering commitment to instigating positive transformations within CATI. He expressed enthusiasm for the continuation of such impactful and fruitful events, aiming to foster continuous learning and growth within the aviation community. The Director's closing remarks resonated with the spirit of collaboration, knowledge exchange, and the collective pursuit of excellence that characterized the entire ESP gathering, leaving an inspiring and lasting impression on all participants.



In a moment brimming with pride and enthusiasm, Mr. Sumair Saeed, Director of CATI, inaugurated the highly anticipated 8<sup>th</sup> Experience Sharing Platform (ESP). He warmly welcomed esteemed keynote speakers and the enthusiastic audience. In his opening remarks, he expressed deep appreciation, stating, "As the Director of CATI, it brings me immense pleasure to extend a wholehearted welcome to our distinguished guests who have graced this momentous occasion. We are honored to have Air Vice Marshal Jamal Arshad, former Additional Director General of Pakistan Civil Aviation Authority, as our esteemed Chief Guest. His exemplary leadership, extensive experience, and dedication to the aviation industry have left an indelible mark. Furthermore, I welcome Mr. N.A. Jaffery, and Mr. Zahid Hussain Khan former Directors of CAA, both celebrated for their significant contributions. Their competence, methodical approach, and dedicated work ethic have greatly advanced the Civil Aviation Authority." We express our sincere gratitude to these keynote speakers for sharing their invaluable experiences and enlightening presentations, and fostering collaboration within the aviation community.



Mr. N.A. Jaffery, a distinguished Air Traffic Controller, has significantly influenced the aviation industry through key roles like Director of Operations and Director of CATI in Pakistan CAA. Renowned for pragmatic decision-making, his recent speech covered CAA's history and current management challenges, emphasizing effective training and learning from seasoned professionals. Stressing the irreplaceable nature of situational handling techniques, he underscored the need for in-depth knowledge and adherence to rules in managerial decisions. In addressing conflicts, Mr. Jaffery advocated an open-minded and compassionate approach, asserting kindness is more effective than rigidity. He prioritized organizational benefit in leadership, even if it contradicts personal preferences. Towards the end, he further advocated shielding employees from punitive actions against inadvertent mistakes, fostering value and ownership for enhanced morale. He also emphasized the importance of collaboration with other agencies. His insightful speech offers a fresh perspective on management, poised for personal and professional growth through these strategies. Mr. Jaffery not only showcased expertise but also provided invaluable guidance on effective management and conflict resolution, earning admiration for his seasoned leadership.



In his esteemed career, Mr. Zahid Hussain, a seasoned Air Traffic Controller and renowned ATS instructor, held various roles, showcasing impeccable expertise. Addressing the audience, he highlighted challenges faced by CAA in 1979 due to the introduction of new wide-bodied aircraft and the subsequent surge in air traffic. During this period, the existing Air Traffic Control (ATC) and technological facilities within the Civil Aviation Authority (CAA) struggled to cope with the escalating volume of air traffic. Notably, the coverage of Very High Frequency (VHF) communication was unreliable, prompting reliance on High-Frequency (HF) communication through HF operators. Mr. Hussain emphasized the critical importance of never making assumptions, particularly in the domain of ATC. He underscored the necessity for competency-based training, the establishment of a structured framework for Unmanned Aerial Vehicle (UAV) flying, and the implementation of refresher training programs. His thought-provoking speech delved into various aspects of ATC, addressing the challenges posed by the introduction of new aircraft, the limitations of existing communication systems, and the indispensable need for ongoing training and competency assessments in the ever-evolving field of air traffic control. The audience greatly appreciated the insightful and comprehensive nature of Mr. Hussain's presentation.

Air Vice Marshal Jamal Arshad, renowned for his excellence as a Fighter Pilot and adept management in various leadership roles, served with distinction as Additional DGCAA at PCAA. His visionary leadership and steadfast commitment have indelibly shaped organizational success. A trailblazer, AVMA Arshad seamlessly blends strategic vision and proven expertise, leaving an enduring impact. Serving as Additional DGCAA in PCAA, he underscored the paramount importance of three key factors for organizational success: Integrity, Professional Excellence, and Teamwork. He described integrity as the noble trait of doing the right thing even when unsupervised. Additionally, he emphasized that professional excellence can be cultivated through quality training and the sharing of experiences among colleagues. Stressing the significance of teamwork, Mr. Arshad highlighted the importance of assembling a team with a diverse mix of skills and knowledge, asserting that this diversity is a recipe for success. Beyond his insightful management philosophy, Mr. Arshad underscored the significance of hard work, provided it aligns with the right methodologies to yield desired outcomes. Additionally, he highlighted the role of effective listening as a pivotal trait for a good manager, contributing significantly to rational decision-making by understanding the core issues at hand. In his succinct yet impactful speech, Mr. Jamal Arshad shared his extensive experience with the audience, emphasizing the key principles that contribute to organizational success.



As the curtains gracefully fell on the 8<sup>th</sup> Experience Sharing Platform (ESP), the session undeniably honored its commitment, guiding participants through a captivating odyssey enriched with a wealth of experiences and invaluable insights generously shared by esteemed speakers. The event unfolded as a rare and enriching opportunity for the audience to broaden their horizons, gaining profound perspectives that undoubtedly contribute to their personal and professional development. The gatherings, like ESP, stand as indispensable pillars in enhancing our understanding of various subjects, serving as poignant reminders of the significance of consistently organizing similar events in the future. Through these endeavors, we ensure enduring growth and continued learning for all those involved. Beyond being educational opportunities, such gatherings become moments of inspiration, fostering a sense of community and shared knowledge that transcends the event itself. In conclusion, the 8<sup>th</sup> ESP resoundingly achieved its mission, leaving an enduring impression on the attendees and reinforcing the importance of perpetuating these valuable gatherings to promote ongoing growth and learning. As we bid farewell to yet another successful platform, we eagerly anticipate the continued impact and inspiration it will impart, echoing the sentiments of shared knowledge and community spirit long after the event has concluded.





## ELEVATING AVIATION ENGINEERS EXCELLENCE Fostering Engineering Excellence Through Continued Professional Development Seminar

From the fragile wings of the Wright brothers to the marvels of supersonic technology, we have experienced a spectrum of innovations. The thunderous roar of thrust reversers decelerates our descent to embrace the runway. Upon the wheels' gentle contact with the tarmac, applause resonates from the heavens towards the safe landing. These milestones in aviation have been accomplished through a continual journey of effort, learning, and training.

The Civil Aviation Training Institute (CATI) in Hyderabad, a prominent institution dedicated to cultivating aviation professionals across diverse domains, is also a notable Professional Engineering Body (PEB) in the aviation sector. Registered under the Pakistan Engineering Council (PEC), CATI takes on the responsibility of sustaining the learning process through the organized execution of Continuing Professional Development (CPD) Seminars at regular intervals. Over the past 15 months, CATI has successfully organized five seminars as part of its CPD Program, each packed with valuable knowledge and expertise.

The 6<sup>th</sup> CPD seminar took place on August 22, 2023, focusing on the theme

"Application of Business Intelligence in Service Industries." Engr. M. Ahsan Malik, Former Director

Technical Services at CAA, graced the event as the Chief Guest, adding distinction to the occasion.

In his welcome address during the seminar's opening, the Director of CATI Engr Sumair Saeed extended a warm greeting to all participants and distinguished guests. Expressing gratitude for their presence, he emphasized the institute's commitment to fostering continuous learning and professional development in the aviation field. The Director highlighted the significance of the chosen theme and encouraged active participation and engagement throughout the seminar. His opening remarks set a positive tone for the event, reinforcing the dedication to providing valuable insights and knowledge to the aviation community. During the seminar, four speakers shared their expertise on diverse topics, covering distinct areas of significance. The presentations collectively enriched the event with a comprehensive exploration of key areas in the aviation and service industries. A concise overview of the covered topics is outlined below.



**Engineer,  
M. Ahsan Malik,  
Former Director  
Technical Services  
CAA**

the chief guest of the event spurred his thoughtful insights regarding the importance of BI in aviation based on his rich experience in aviation. He appreciated the conduct of these literary seminars invoking staunchness and thrive to reach next level of luminosity. We were honored to delve deep into the use of BI in service industry through a series of enlightening presentations. Our erudite speakers accentuated latest developments in ever evolving sector of aviation encompassing business intelligence influences in aviation industry, CNS facilities, and IT-based systems. These in-depth sessions have paved way to support and promote a data driven approach to manage the business activities in an effective and efficient manner. I extend my profound gratitude and appreciation to our speakers for their extensive knowledge, rich experience and dedication to unroll their brilliant ideas. Implementing the learnings in these seminar will help participant to identify challenges, test solutions, and inform business scale-up. Finally, I would like to appreciate the speakers, organizers and participants for the echoing accomplishment of CPD seminar. Let us continue to build upon the foundation laid here, fostering a culture of continuous learning and collaboration. May the insights gained here guide us in navigating the complexities of our respective domains, and may our collective efforts contribute to a brighter, more sustainable future.



**Benefits, challenges, best practices and future trends in BI for services industries  
Speaker: Mr. Faisal Iqbal Shiekh  
Ex-Sr. Joint Director IT, CAA**

The presentation highlighted the vital role of Business Intelligence and data management tools. The speaker showcased proficiency in using these tools to shape data for informed decision-making, aligning with current trends. In a world of complexity and uncertainty, leveraging reliable data empowers confident and precise decision-making. Adopting a data-driven approach not only improves decision reliability but also establishes transparency and accountability.



**Application of Business Intelligence tools in Airport Management  
Speaker: Mr. Nawaz Ahmed Sipra, Additional Director CAA / Chief School of ANS**

The speaker overviewed transformative changes in airport management through BI tools like Tableau, Microsoft Power BI, Qlikview, SAP Business Objects, and Yellowfin BI. These tools provide actionable insights, improving decision-making and operational efficiency in a dynamic environment. The specific BI tool choice depends on unique requirements. In summary, integrating BI tools facilitates data-driven decisions, enhances efficiency, and creates a seamless, passenger-friendly airport environment.

In closing remarks, Director CATI extends sincere gratitude to our Guest, Engr. M. Ahsan Malik, and all the speakers for their invaluable the 6<sup>th</sup> CPD seminar. The event has been enriching, offering insights into and technologies in aviation. Participants have gained practical fostering improved decision-making and operational efficiency. We collaborative effort in making this seminar a resounding success, commitment to excellence in aviation education.



**Business Intelligence and its importance in Airline Industry  
Speaker: Mr. Waqas Ahmed,  
Dy. General Manager BI & Analytics, PIA**

The speaker emphasized that adopting business intelligence (BI) tools in the airline industry markedly improves decision-making, operational efficiency, and overall competitiveness in a dynamic environment. BI enables airlines to strategically use data, responding effectively to market changes and customer demands. BI tools prove beneficial in areas such as data integration, centralized reporting, passenger flow analysis, flight operations management, revenue optimization, resource management, and customer experience enhancement.



**Benefits of Energy Management System in Service Industry  
Speaker: Mr. Zaheer Uddin Managing Director  
ELV IMS Engineering Pvt. Ltd.**

The speaker focused on integrating an Energy Management System (EMS) into a Business Intelligence (BI) framework, emphasizing its various organizational benefits. This integration enhances data visibility, transparency, cost-effectiveness, efficiency, predictive analysis, and facilitates carbon footprint reduction. Conclusively, the speaker highlighted that integrating an EMS with BI not only improves energy efficiency but also offers valuable insights for strategic decision-making, cost savings, and sustainable business practices.

esteemed Chief contributions to the latest trends knowledge, appreciate the furthering our



**Application of BI in Human Resource System  
Speaker: Mr. Zeeshan Hussain Sr. Deputy  
Director IT, CAA**

The insightful demonstration revealed diverse BI applications in HR systems, capturing participants' keen interest. Benefits encompass analyzing recruitment data for talent acquisition, using predictive analytics to forecast needs and optimize hiring, and employing performance analytics for data-driven decisions on promotions and development opportunities. Integrating BI into HR systems empowers professionals and leaders to make strategic, data-driven decisions, enhancing overall success.



**Integrated Building Management System (IBMS)  
Speaker: Engr. Athar M. Khan Deputy Director  
ES(Mechanical), CAA**

The speaker emphasized the importance of Integrated Building Management System (IBMS) as a centralized control system that optimizes facility management by integrating various building systems. This comprehensive approach monitors, controls, and automates functions such as HVAC, lighting, security, and fire safety, promoting efficiency, sustainability, and occupant comfort. IBMS creates a unified and intelligent approach to building management, enhancing overall occupant experience.





### Independence day Celebrations at CATI

The spirit of patriotism soared high at the Civil Aviation Training Institute (CATI) as the 76th anniversary of Pakistan's independence was celebrated in a ceremony filled with pride, unity, and reverence on 14<sup>th</sup> August 2023. On this auspicious occasion, employees of CATI and their families, alongside their children, gathered to pay tribute to the cherished day of freedom. The event commenced with a solemn flag hoisting ceremony and reading out the message of DGCAA on the occasion. The stirring notes of the national anthem echoed through the auditorium, uniting the audience in a shared appreciation of the motherland and its cherished freedom. It was a moment that encapsulated the

essence of being Pakistani. The heart-warming celebrations continued with a carefully planned program that featured patriotic anthems and national songs. The audience was treated to the voices of national heroes like Quaid-e-Azam and Allama Iqbal, whose inspirational speeches enthused the deepest sentiments of love and devotion to Pakistan. The highlight of the celebration was a spirited quiz for the children. Young minds engaged in a friendly competition, demonstrating their knowledge of Pakistan's history, culture, and heroes. The winners were recognized and applauded, instilling a sense of pride and accomplishment in the youth. As the event concluded, the echoes of applause and the warmth of shared experiences lingered, leaving a lasting impression on everyone present. The celebration of Pakistan's 76<sup>th</sup> Independence Day at CATI was a heart-warming and unforgettable event.



### Observance of Milad un Nabi ﷺ at CATI

On September 28, 2023, the Civil Aviation Training Institute (CATI) was filled with devotion and reverence as it celebrated Eid Milad Un Nabi, a significant event in the Islamic calendar. The day was marked by a special Mehfil-e-Milad, a religious gathering where scholars and attendees gathered to honor and reflect upon the life and teachings of the Holy Prophet Muhammad (peace be upon him). The entire CATI premises were beautifully illuminated for this auspicious occasion. The Mehfil Milad was a serene and spiritual affair, creating an atmosphere of tranquility and unity. Renowned religious scholars graced the event, delivering meaningful sermons and reciting Hamd (praise) and Naat (poetry praising the Prophet) to inspire everyone present. The

occasion was a heartfelt opportunity for reflection and celebration, bringing together the CATI community in a spirit of shared reverence. Attendees, including both staff and students, soaked in the peaceful ambiance, gaining insights into the teachings of the Prophet and fostering a sense of unity. CATI's commitment to acknowledging and celebrating significant cultural and religious events was evident in the sincere observance of Eid Milad Un Nabi. The event provided a meaningful pause in the daily routine, allowing for spiritual enrichment and a collective celebration of the Prophet's legacy. The illuminated CATI campus reflected not only the physical light but also the illumination of hearts and minds during this special occasion.

### News & Snippets

CATI has initiated upgrading its mosque facilities, concentrating on enhancing the prayer area, improving ablution facilities, and installing a modern Public Address System (PAS). This effort aims to establish a more comfortable and inviting space, accommodating a larger number of Namazis for prayers. Upon project completion, Namazis will enjoy a tranquil mosque ambiance, with a serene and spiritually enriching experience.

Mosque Renovation

**Exciting News!** CATI is revamping its cafeteria for a fresh look and an expanded menu. Anticipate a vibrant space offering a variety of snacks, tea, coffee, and juices. This upgrade will ensure a more delightful experience, providing an enhanced selection to its guests. Stay tuned for the unveiling of a revitalized cafeteria, where tasty treats meet a welcoming ambiance for our trainees and staff.

Renovation of Cafeteria

CATI is in the process of establishing a new volleyball court near the sports complex and Officers Club. This initiative is designed for both trainees and staff, aiming to enhance physical well-being and provide a healthy work-life balance. Positioned amidst these recreational hubs, the forthcoming court will encourage community engagement, offering a positive outlet for physical activities. Anticipated benefits include fostering a dynamic environment, contributing to the overall well-being of our trainees and staff.

A Playful Addition in Progress

#### Activities Planned For 4<sup>th</sup> Quarter 2023:

- **07-11-2023:** 7<sup>th</sup> CPD on the topic "Building Team Excellence"
- **07-12-2023:** 9<sup>th</sup> Experience Sharing Platform (ESP)

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