



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

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3.3.2 Paint Technology

Institute-Industry Interaction on “OPPORTUNITIES DURING AND AFTER GRADUATION”

By

Mr. Ritesh Mitra (Entrepreneur)

Report of the Event

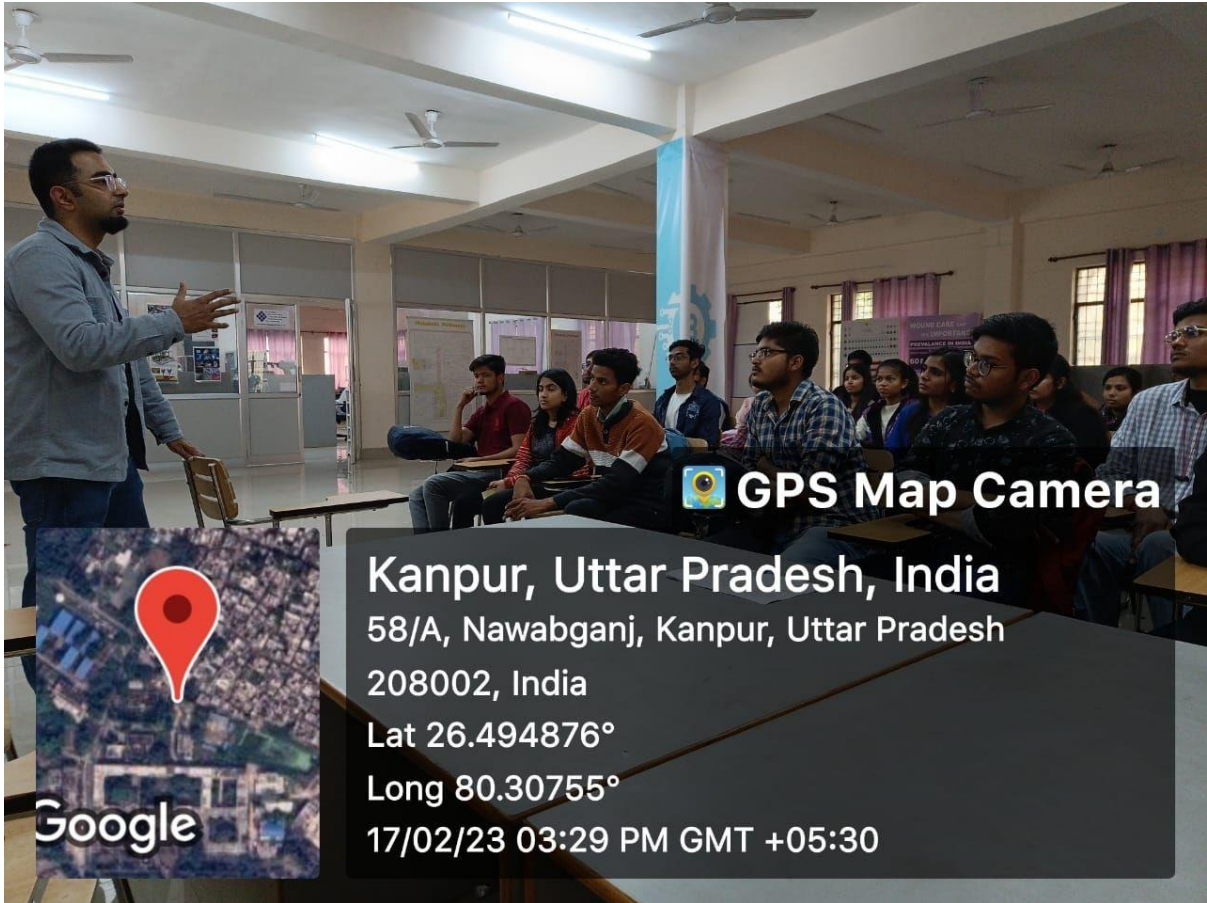
Under the **Institute-Industry Interaction** program, Mr. [Ritesh Mitra](#) (B.Tech.) Paint Tech. 2008 Batch) interacts with [B.Tech.](#) Students of [Paint Technology Department-HBTU Kanpur](#). The program started with a welcome address by Mrs. [Radha Sachan](#), Assistant Professor, of [Paint Technology Department-HBTU Kanpur](#).

Mr. [Ritesh Mitra](#) discussed about "**OPPORTUNITIES DURING AND AFTER GRADUATION**" on 17th Feb 2023 at Atal Incubation Hub, HBTU Kanpur.

He made aware that - Throughout your college years you will have to make many choices and view these choices as opportunities. Don't allow yourself to be burdened with problems. They are really only challenges. Train yourself from the start to put your time and energy into finding solutions to your challenges, not in complaining. You must adjust your attitude and retrain your thought process.

He also taught students "How he dealt with things in his time".





9th PACT Vision Seminar

2nd Announcement

9th PACT VISION SEMINAR
CELEBRATING SILVER JUBILEE

**A NATIONAL SEMINAR
ON
Advances in Frontiers of Paint
& Printing Ink Technology**

during
March 18-19, 2023 (Saturday-Sunday)

organized by
Paint and Coating Technologists' Association (PACT)
In association with
Department of Paint Technology, HBTU Kanpur
Co-sponsored by
Printing Ink Technologist Alumni (PITA)

VENUE
**RADHAKRISHNAN AUDITORIUM, EAST CAMPUS
HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR-208 002**

Report of the Event

A two days National Seminar on “Advances in Frontiers of Paints and Printing Inks Technology” was held on 18-19 March 2023 in HBTU Kanpur. On the first day inaugural ceremony Of 9th PACT VISION SEMINAR includes:

- 1) Lighting of Lamp
- 2) Saraswati Vandana
- 3) Ganesh Vandana

- 4) Welcome address by Dr. Pramod Kumar Co-Chairman, Seminar and Vice President, PACT
- 5) About Program by Dr. P. K. Kamani (Organizing Secretary, Hon. Gen. Secretary, PACT)
- 6) About the Department by Dr. Arun Maithani, Co-Chairman, Seminar and HoD, Paint Tech. Deptt.
- 7) Presidential Address by Dr. S.C. Srivastava, Chairman, Seminar and President, PACT
- 8) Blessings by Mr. G. B. Singh, Guest of Honour and MD, Anupam Colours and Chemicals Industries, Mumbai
- 9) Release of Souvenir
- 10) PACT - PINNACLE Awards Felicitation Ceremony to Veteran Harcourtians of Paint Fraternity
- 11) Keynote Address by Dr. S.C. Srivastava (MD, K.Tech. India Ltd., Mumbai)
- 12) Blessings & Words of Wisdom by Prof. Samsher Chief Guest & Patron, Hon'ble VC, HBTU-K
- 13) Memento Felicitation
- 14) Vote of Thanks by Mrs. Radha Sachan, Asstt. Prof. Paint Tech. (Convenor- Seminar)
- 15) National Anthem

Followed by keynote lecture, Motivational talk and technical session.





9th PACT VISION SEMINAR

CELEBRATING SILVER JUBILEE



MOTIVATIONAL TALK

" The Power of Positive Mindset "

MARCH 18-19, 2023

- Proud alumnus of Paint Technology (B. Tech. 1995 Batch).
- TEDx speaker | Motivational speaker
- Winner of 116 awards.
- Delivered >500 talks.
- Executive Coach
- Advisory Council member of 3 universities and 4 colleges.
- Global Brand Ambassador of Procurement League, USA.

Venue- SHATABDI BHAWAN WEST CAMPUS HBTU
KANPUR.

   @ PACT






AMIT PANDEY

Chief Executive Officer
at PinCap

Meet him at the PACT SEMINAR the two day fest of Paint And Coating Technologists' Association HBTU.


Next day there were technical lectures delivered by various speaker:



YANSEFU

EMPOWERED WITH INNOVATION

REVOLUTIONIZING PRINTING AND LAMINATION - FORMULATING POLYURETHANE RESINS FOR INDIAN AND GLOBAL MARKETS



*Presented by
Mr. JK Sharma and Mr. Neelakamal Mohapatra*

YANSEFU INKS AND COATINGS PRIVATE LIMITED

*in Collaboration with
(9th PACT VISION SEMINAR
RADHAKRISHNAN AUDITORIUM, HBTU-K)*



Institute-Industry Interaction on “Executive excellence: Inspiring leadership in corporate world”

By

Mr. Gunendra Pal, Managing Director of Sika India Pvt. Ltd



Department of Paint Technology Institute Industry Interaction Program



EXECUTIVE EXCELLENCE

INSPIRING LEADERSHIP IN
THE CORPORATE WORLD



Keynote Speaker :

Mr. Gunendra Pal Singh

(1992 Batch PT)

(M.D, Sika India Pvt. Ltd.)

September 29th, 2023

Start at 3:00 pm

New Auditorium,
H.B.T.U Kanpur



Report of the Event

The session was held on **29, Sep 2023** at new Auditorium, HBTU East Campus with Mr. Gunendra Pal Singh, the Managing Director of Sika India Pvt. Ltd., was nothing short of phenomenal! Mr. Singh's expertise and insights into the industrial landscape were truly enlightening. Our students and faculty had the privilege of learning from an industry stalwart, and it's safe to say, they have gained a treasure trove of knowledge.

His extensive experience and deep understanding of the industry served as a guiding light for all of us. From the latest trends to the intricacies of the field, Mr. Singh shared invaluable wisdom that will undoubtedly shape our careers in the paint technology sector.

This session exemplified the power of industry-academia collaboration, and we're excited to apply these learnings to our professional journeys.





Webinar on “Innovation in Material Science”

By

Dr. Jatin Sethi, Ph.D.

R&D Manager at **Metsä Spring Oy**, Helsinki



Department of Paint Technology Institute Industry Interaction Program



INNOVATION IN MATERIAL SCIENCE

Scan QR to join



Keynote Speaker :

Dr. Jatin Sethi

(2009 Batch PT)

R&D Manager, Spring Oy
Helsinki



📅 November 28th, 2023

🕒 2:00-3:00 P.M.

📍 Hybrid Mode (Google Meet)

Meet Link:-
<https://meet.google.com/yjg-esmw-vhs>



Report of the Event

The Paint Technology Department-HBTU Kanpur organized a webinar on November 28th, 2:00-3:00 PM at Room no. 201, HBTU Kanpur. Our keynote speaker, Dr. Jatin Sethi, Ph.D. a 2009 HBTU Kanpur graduate in Paint Technology and currently the R&D Manager at **Metsä Spring Oy**, Helsinki, delve into the fascinating world of innovation in material science. He discussed about his innovation in Material Science and enlightens the students about opportunities and challenges in the Material Science field.

**Expert Lecture on
Role of Minerals in Surface Coatings
By
Dr. P. K. Kamani
Alumnus, Paint Technology Batch 1981
Ex-Professor, Paint Technology department HBTU Kanpur**



Department of Paint Technology



Lecture by Alumni on the occasion of HBTU Foundation Day



Dr. P. K. Kamani

Batch- 1981 PT

Retired Professor,
Paint Technology
Department

**Topic:- Incredible Role of
Minerals in Surface Coatings**



Mr. M. I. Khan

Batch- 1977 PT

Self Employed

**Topic:- Corrosion and its
prevention**



25th Nov, 2023



201, Seminar Hall,
Paint Technology
Department



12:00 to 2:00 P.M.



The lecture held on 25.11.2023 at Room No. 201, HBTU Kanpur, started with the welcome of expert by Head of department. Dr. Kamani discussed the importance of minerals in coatings formulations, alongwith the types of Minerals Used in Surface Coatings.



He discussed the role of pigments in providing color, opacity, and durability to coatings. Different types of fillers (calcium carbonate, talc, silica, etc.), functions of fillers in improving coating properties such as hardness, scratch resistance, and corrosion resistance. He also covered the following points:

- Influence of Minerals on Coating Properties:
- Compatibility with other coating components
- Selection Criteria for Minerals in Coatings Formulations
- Factors influencing mineral selection (cost, performance requirements, environmental considerations)
- Case studies demonstrating the importance of mineral selection in specific coating applications
- Recent Developments and Trends
- Advancements in mineral processing techniques for coatings applications
- Emerging mineral-based additives for enhancing coating performance
- Sustainable practices in mineral sourcing and utilization
- Future Directions and Challenges
- Potential areas for further research and innovation



Through meticulous analysis, the lecture underscored how minerals influence key coating attributes, spanning physical, mechanical, and chemical domains. Dr. Kamani navigated through selection criteria, elucidating the intricate balance between performance requirements, cost considerations, and environmental imperatives.

Additionally, the lecture delved into recent advancements and burgeoning trends, envisioning a future marked by sustainable mineral utilization and collaborative innovation. As Dr. Kamani concluded, the discourse left an indelible mark, emphasizing the indispensable role of minerals as cornerstone elements in the intricate tapestry of surface coatings.

Drawing from contemporary developments, Dr. Kamani envisioned a landscape of innovation, characterized by sustainable mineral sourcing practices and collaborative endeavors aimed at pushing the boundaries of coating technology. As the discourse concluded, it left a lasting impression, underscoring the indispensable nature of minerals as the bedrock of surface coatings, poised at the intersection of science, engineering, and environmental stewardship.

Students of 2nd, 3rd, and final year B.Tech and M.Tech. students attended the session, and got benefitted.

**Expert Lecture on
Role of Minerals in Surface Coatings**

By

Mr. M. I. Khan

Alumnus, Paint Technology Batch 1977

Self Employed

Mr. M. I Khan, with an extensive 45 years of industrial and teaching experience, delivered an insightful lecture on the critical topic of "Corrosion and its Prevention" to an attentive audience comprising students and faculty of the Paint Technology department. With a wealth of knowledge accumulated over decades of practical involvement in industry and academia, Mr. Khan brought a unique perspective to the discourse, blending theoretical foundations with real-world applications.



The lecture commenced with a comprehensive overview of corrosion, elucidating its underlying mechanisms and the detrimental effects it poses to various materials, particularly metals. Drawing from his vast industrial experience, Mr. Khan illustrated the pervasive nature of corrosion across diverse sectors, ranging from infrastructure and transportation to manufacturing and energy production.



As the lecture progressed, Mr. Khan delved into the intricate factors influencing corrosion, including environmental conditions, material composition, and operational stresses. Through engaging examples and case studies, he underscored the multifaceted nature of corrosion phenomena, highlighting the interplay of chemical, electrochemical, and mechanical processes. Moreover, Mr. Khan elucidated the economic ramifications of corrosion, emphasizing its staggering cost implications on global industries and economies. This comprehensive understanding served as a precursor to the core focus of the lecture: strategies for corrosion prevention and mitigation.

With meticulous detail, Mr. Khan elucidated an array of preventive measures, encompassing both passive and active corrosion protection techniques. Passive methods, such as coatings, inhibitors, and alloy selection, were meticulously analyzed, with Mr. Khan drawing upon his teaching expertise to simplify complex concepts and facilitate deeper comprehension among

the audience. Furthermore, active corrosion protection strategies, including cathodic protection and impressed current systems, were explored in depth, with practical insights gleaned from Mr. Khan's extensive industrial background lending invaluable credibility to the discourse.

Throughout the lecture, Mr. Khan emphasized the paramount importance of interdisciplinary collaboration in addressing corrosion challenges effectively. He underscored the synergistic relationship between materials science, chemistry, engineering, and environmental studies in devising holistic corrosion management strategies. Additionally, Mr. Khan highlighted the pivotal role of research and development in advancing corrosion science, advocating for continuous innovation to stay ahead of evolving corrosion threats in an ever-changing industrial landscape.

In a particularly engaging segment of the lecture, Mr. Khan shared illuminating anecdotes and firsthand experiences from his professional journey, offering invaluable wisdom and practical guidance to aspiring paint technologists. His anecdotes not only provided relatable context but also instilled a sense of inspiration and motivation among the audience, fostering a deeper appreciation for the multifaceted challenges and opportunities inherent in the field of corrosion control.

As the lecture drew to a close, Mr. Khan reiterated the overarching message of resilience and adaptability in combating corrosion, urging students and faculty alike to embrace a proactive mindset grounded in scientific inquiry and innovation. He emphasized the transformative potential of the Paint Technology department in shaping future generations of corrosion experts, equipped with the knowledge, skills, and passion to tackle one of the most pressing challenges facing modern society.

In summary, Mr. M. I Khan's lecture on "Corrosion and its Prevention" epitomized a harmonious blend of theoretical rigor, practical wisdom, and inspirational storytelling. Through his unparalleled expertise and unwavering passion for the subject, Mr. Khan succeeded in imparting not only knowledge but also a profound sense of purpose to his audience, leaving an indelible mark on the hearts and minds of all who attended.