WORKSHOP/SEMINARS /CONFERENCES ON RESEARCH METHODOLOGY, IPR AND ENTREPRENEURSHIP

2021-22



R. D. ENGINEERING COLLEGE

Approved by AICTE New Delhi & Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow

Ref	Date
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Notice

All faculty/staff/students are hereby informed that college is going to organize an international conference on "Recent Trends In Engineering And Technology (CRTET-22)"

under the aegis of iqac on 25TH – 26th March, 2022 for two days. The venue for conference will be Conference hall B-block.

All are invited to sent your research paper as per the given schedule. We are longing to your highly cooperation.

Thanks

Dr. Dharamveer Singh

Convene

Cc:

- 1. Chairman sir (for kind information)
- 2. Director
- 3. Dy. Director
- 4. Registrar
- 5. IQAC
- 6. All Dean
- 7. All HOD





9TH KM Mile Stone on NH-58 Delhi Meerut Road Duhai Ghaziabad-201206 (U.P)

Phone: 0120-2679301,02,03,04 Fax: 0120-2679300

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R. D. ENGINEERING COLLEGE

Approved by AICTE New Delhi & Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow Report on Conference

Name of activity: International Conference on "Recent Trends In Engineering And Technology

(CRTET-22)"Duration: Two days Organized By: RD Engineering College Chief Patron: Dr Rakesh Sharma

Convener: Dr Dharamveer Singh

Honorable chief guest of Inaugural function,

Dr. Kumar Krishen, (Former Principal Chief Technologist Johnson Space Centre, NASA, USA) Guest of honor, Dr.Rajkumar (Chairperson & Professor, Deptt. Of Mech Engg, YMCA- Fridabad) Guest of honor, Dr.KKS Bhatia (Professor IIT Roorkee, Ex Vice-Chancellor Poornima University) Our Chairperson of Institute, Smt Nutan Sharma Ji.

Our group advisor, W/Cdr. K K Tiwari

And all the delegates,

This is organized by the RD Engg College Ghaziabad. For this conference we have chosen 3 main themes and around 50 sub themes. Papers have been invited from different places, National, International and almost we have covered entire country. For publication of the accepted papers we have tied up with Journals in which are UGC Approved Journals. So this is the major part of the conference.

This conference will run for 2 days & we have organized 6 technical sessions including the parallel sessions, 4 keynote lectures and 6 invited talks. The first key note speaker is Dr Ravi Shankar, Scientist, University of Utah, USA (Online). He will deliver a key note lecture on biomedical. The 2nd key note speaker is Dr. Anil Kumar, Prof DTU, Delhi, and the title of his talk is Solar Dryer. The 3th key note speaker is Dr. Preeti Chugh, Adjunct Prof RDEC, and the title of his talk is material related to Science. The 4rd key note speaker is Mr.Gaurav Kumar, Manager BEL, and the title of his talk is design of electromechanical system.

Our invited speakers are:

- I" one is Dr. Ashok Kumar Yadav, from Raj kumar goel Institute of Technology, He will deliver a talk on biodesel and IC engine,
- 2nd Dr. Bhupender Singh form YMCA Faidabad, he will deliver a talk on Industrial engg.
- 3rd one is Dr. Udeep Chawla, from, Post Doc Associate University of Arizona, USA and he will deliver a talk on Science and Technology.
- 4th one is Dr.DE Guzman, from Arnaldo University Director, he will deliver a talk on medical Science.
- 5th one is Dr. Shailendra Bhadoria, from Senior Cardiontensivist Surgeon, Max BLK Delhi Title of his talk is on medical science (online)

I would like to thank my organizing team and student volunteers for un-tiring efforts to make this conference as one of the memorable one. I hope their program will provide you a great learning experience. R.D. Engineering College

Thanks

Dr. Dharamveer Singh

9TH KM Mile Stone on NH-58 Delhi Meerut Road Duhai Ghaziabad-201206 (U.P)

Duhai, Ghaziabad

Phone: 0120-2679301,02,03,04 Fax: 0120-2679300

Email: info@rdec.in

Website: www.rdec.in

R&D

Subject: Invitation: Keynote Lecture at International Conference at RD Engineering College, Ghaziabad, India, 25TH – 26th March, 2022

Dear Mr. Prabhat Vyas

DGM-BEL, Ghaziabad

Greetings from RD Engineering College, Ghaziabad!

Trust this email finds you well.

I am writing to invite you as a (**Keynote speaker**) at the International Conference organized by RD Engineering College (with IQAC), Ghaziabad, India on "**Recent Trends In Engineering And Technology (CRTET-22)**" from , **25**TH – **26**th **March, 2022** at the college premises.

This is the first International Conference organized by the college after COVID pandemic. The conference will cover research paper presentation on key disciplines in the field of science, technology and humanities. It will foster R&D ecosystem at the campus and nearby areas. The Conference will provide International Research exposure to the students and faculty at the Institute and help in building a network of global scientists and promote collaborations among them.

I humbly request you to confirm your acceptance as a [Keynote speaker] for International Conference.

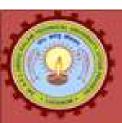
Thanking you

Dr. Pankaj Singh

Director-Research & Chief Coordinator







International Conference

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"Recent Trend In Engineering and Technology(CRTET-20)"

March25-26, 2022

Organized by-R D Engineering College Ghaziabad

The conference seeks to improve university collaboration in the fields of science and engineering as well as international education. The conferences offer a suitable setting for discussions and oral presentations of all papers submitted, it is expected that one or more authors will attend a conference if their paper is accepted for publication and give an oral presentation of their work. Through Open Access publications, Academics Conference Group International, a global organizer of scientific conferences and activities, provides a global reach. In order to educate the general population about science and technology, the conference has been crucial. Students, libraries, research centers, academic institutions, research scientists, and the industry were the primary beneficiaries of this knowledge exchange.

IMPORTAL	NT DATES
Last date for obstroct submission	12 March, 2022
Last date for final paper submission	05 March, 2022
Registration Closing	19 March 2022

Chief Patron- Dr. Rakesh Sharma
Patron- Dr. Sanjeev Sharma
Convener — Dr. Dharamveer Singh
Conference Committee
Mr. Jaideep Kumar, Deptt. CS & Engg. RDEC
Dr. Amit Gupta, Deptt. Applied Science. RDEC



R D Engineering College, Ghaziabad **Under the Aegis of IQAC**



Organizing

International Conference on

Recent Trends In Engineering & Technology (CRTET-22)

Venue - Conference Hall, R D Engineering College, Ghaziabad

Website: www.rdec.in, E-Mail: info@rdec.in

Date - 25th & 26th March 2022



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PATRON Mr. Shannant Charms Vice President



PATRON Br. Saniore Sharma Birector N.D. Engineering College



CHIEF COORDINATOR Dr. Pankai Kamar Sinch Brandia - Manazarah R B Engineering College



Convener Dr. Bharatteer Lingle Stand Heaterch & Severapment

KEY NOTE SPEAKERS





Professor ISM Displiced fix-Director K.N. Modi. Modinagar



Former Professor MINNIT Attababad Ex Director



Professor - IIT Roorkee Poornima Inleursity, Jalpur





R. D. Engineering College, Ghaziabad "RECENT INNOVATIONAL IN SCIENCE, TECHNOLOGY & HUMANITIES (RISTH-22)" Date of conference: 25TH & 26TH March 2022

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R. D. Engineering College, Ghaziabad

9th km stone, Delhi-Meerut Road, Ghaziabad, U.P., India



INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ENGINEERING AND TECHNOLOGY- CRTET-2022

This is to certify that Mr./Ms./Dr./Prof. Ashtha Kumari attended the International Conference on RECENT

TRENDS IN ENGINEERING AND TECHNOLOGY- CRTET-2022 held on 25th to 26th March 2022, organized by

R. D. Engineering College, Ghaziabad (UP)-201206, India.

R.D. Engineen Duhai, Gha

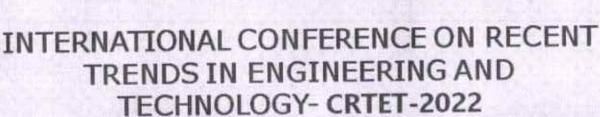
Dr. Dharamveer Singh Convenor & Head R&D R.D. Engg. College

Dr. Sanjeev Sharma Director R.D. Engg. College Dr. Rakesh Sharma Chief Patron R.D. Engg. College



R. D. Engineering College, Ghaziabad

9th km stone, Delhi-Meerut Road, Ghaziabad, U.P., India



This is to certify that Mr./Ms./Dr./Prof. RAJ KUMAR has given Invited Talk in the International

Conference on RECENT TRENDS IN ENGINEERING AND TECHNOLOGY- CRTET-2022 held on 25th to 26th

March 2022, organized by R. D. Engineering College, Ghaziabad (UP)-201206, India.

Director R.D. Engineering Colle Duhai, Ghaziabad

Dr. Dharamveer Singh

Convenor & Head R&D R.D. Engg. College Dr. Sanjeev Sharma

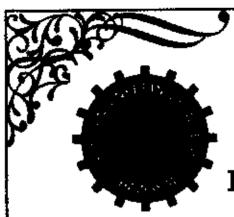
Director

R.D. Engg. College

Dr. Rakesh Sharma

Chief Patron

R.D. Engg. College



R. D. Engineering College, Ghaziabad

9th km stone, Delhi-Meerut Road, Ghaziabad, U.P., India



INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ENGINEERING AND TECHNOLOGY- CRTET-2022

This is to certify that Mr./Ms./Dr./Prof. Mohd. Hood attended the International Conference on RECENT

TRENDS IN ENGINEERING AND TECHNOLOGY-CRTET-2022 held on 25th to 26th March 2022, organized by

R. D. Engineering College, Ghaziabad (UP)-201206, India.

Dr. Dharamveer Singh Convenor & Head R&D R.D. Engg. College

Dr. Sanjeev Sharma Director R.D. Engg. College Dr. Rakesh Sharma Chief Patron R.D. Engg. College



College Code: 231

R.D. ENGINEERING COLLEGE

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under the aegis of IQAC

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Notice

All the Faculty/staff/students are hereby informed that we are excited to announce a webinar on "Communicate the IPR Policy to Various Stakeholders and the Inventors of the Institution, Students in General" on 21th August, 2021 at 10:00 A.M. The venue for conference will be Conference Hall A-block.

This seminar is designed to provide valuable insights and knowledge on imparting knowledge and understanding of the patent filing processes and intellectual property rights (IPR) procedures.

All are invited to send your research paper as per the given schedule. We are longing to your highly cooperation.

Thanks

Dr. Pankaj Kumar Singh

Convener

Cc:

- Chairman Sir(for kind information)
- 2. Director
- 3. Dy. Director
- 4. Registrar
- 5. IQAC
- 6. All Dean
- All HOD

Director R.D. Engineering College Duhal, Ghaziabad



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R.D. ENGINEERING COLLEGE

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Activity Report

Title of the Event: Webinar on "Communicate the IPR Policy to Various Stakeholders and the Inventors of the Institution, Students in General"

Date: August 21, 2021

Resource Person: Dr. Udeep Chawla

Objectives: The primary objectives of the webinar were to disseminate information about the Intellectual Property Rights (IPR) Policy to various stakeholders within RD Engineering College, Ghaziabad. Specifically, the focus was on enhancing awareness among inventors, faculty members, and students regarding the importance of IPR, its implications, and the role it plays in fostering innovation and protecting intellectual creations.

Description of Activities/Event: The webinar commenced at 10:00 AM with a warm welcome to all participants. The organizing committee expressed their gratitude to the attendees for their active participation in this crucial session. The event started with an introduction to the significance of Intellectual Property Rights and its relevance in an educational institution like RD Engineering College.

The first segment of the webinar was dedicated to providing an overview of the IPR Policy adopted by the institution. The legal and ethical aspects of intellectual property were discussed, emphasizing the need for strict adherence to the policy by all stakeholders. The resource person, an expert in intellectual property law (name intentionally left blank), delivered an insightful presentation on the intricacies of IPR and its application in an educational setting.

The session included a detailed explanation of patents, trademarks, copyrights, and trade secrets. Real-world examples were cited to elucidate the potential impact of IPR on innovation and economic development. The resource person underscored the role of inventors in safeguarding their creations and encouraged active participation in the patent filing process.

Following the presentation, a Q&A session allowed participants to seek clarification on specific aspects of the IPR Policy. The interactive nature of this segment facilitated a deeper understanding of the policy's implications. Faculty members, researchers, and students actively engaged with the resource person, demonstrating a keen interest in comprehending the nuances of intellectual property.

The webinar also featured success stories of inventors within the institution who had successfully navigated the process of obtaining patents for their innovations. These stories served as inspiration,

Director

R.D. Engineering College

Duhai, Ghaziabad



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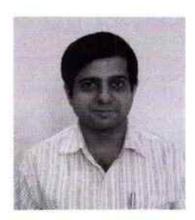
showcasing the tangible benefits of protecting intellectual property. Such examples motivated attendees to consider the IPR landscape as a valuable resource for both personal and institutional growth.

Conclusion: The webinar concluded with a recapitulation of key points discussed during the session. Participants were urged to incorporate the knowledge gained into their research and creative endeavors. The institution reiterated its commitment to providing necessary support and resources to facilitate the protection of intellectual property.

The event served as a pivotal platform for fostering a culture of innovation and awareness about intellectual property rights within RD Engineering College. By communicating the IPR Policy effectively, the institution aims to create an environment where ideas are not only generated but also protected, contributing to the growth of both individuals and the institution as a whole.

R College

Dr Udeep Chawla(IPR Consultant)



Dr. Udeep Chawla (PhD, University of Arizona, USA) is currently the Director, Jagriti Tinkering Center, Delhi and working as a consultant with Elpis Analytix. Before this, Dr. Chawla worked as Postdoctoral Scholar at University of Kentucky, Lexington, USA, He finished his Ph.D from University of Arizona. Tucson, USA, Dr. Chawla has about 7 years of teaching experience at University of Arizona. In addition, he also got an opportunity to deliver special lecture at BASIS School, Tucson, AZ. Dr. Chawla has got high-impact research papers and a couple of US patents during his Ph.D. Dr. Chawla has got some international awards like Biophysical Society (BPS) Travel Award. He has mentored several students during his doctoral and post-doctoral studies, which includes high school students recruited via KEYS program to promote STEM (Science, Technology, Engineering, Mathematics) education at the University. Dr. Chawla joined IICE, IISER Bhopal to promote the entrepreneurship culture among the students at the institute and its vicinity. Dr. Chawla has conducted Entrepreneurship workshop at Sagar Public School, Bhopal. He has been invited at IEEE Young Professional Engagement series to deliver an online lecture globally on Nuts and Bolts on transforming Skills to Start-up. He has also conducted seminar on "How to be a Student Entrepreneur and Build a Start-up" and hands on training workshop on "Entrepreneurship and Start-up Opportunities Using 3D Printing Technologies" at IISER Bhopal. He has been invited as a judge at Career College, Bhopal for Ideathon 2.0 Waster to Wealth completion. He has been on advisory of several startups and has guided them on how to succeed

> Director Director



College Code: 231

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Sr. no.	Name of Participants
1.	NITIN SHARMA
2.	MEENU GUPTA
3.	SACHIN MITTAL
4.	PANKAJ PANDEY
5.	AJEET SINGH
6.	DILIP BHARATI
7.	PANKAJ SINGH
8.	DEEPAK SIROHI
9.	JAIDEEP KUMAR
10.	SURAJ SINGH
11.	PRABHASH SINGH
12.	BRAHM MISHRA
13.	SHALBHA CHAUDHARY
14.	SUBHAS VERMA
15.	ANKIT KUMAR
16.	VIVEK TYAGI
17.	CHIRAG SHARMA
18.	ATUL SHARMA
19.	SUSHIL KUMAR
20.	KUMAR KAUSHIK

Director

R.D. Engineering College

Duhai, Ghaziabad



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Date.											
Date.	٠	٦	•	۰	٠	٠	*	**	٠	٠	

Notice

All the Faculty/staff/students are hereby informed that we are excited to announce a webinar on "Training on Future Endeavors: Patent Filing Processes and IPR Procedures" on 4th September, 2021 at 10:00 A.M. The venue for conference will be Conference Hall A-block.

This seminar is designed to provide valuable insights and knowledge on imparting knowledge and understanding of the patent filing processes and intellectual property rights (IPR) procedures.

All are invited to send your research paper as per the given schedule. We are longing to your highly cooperation.

Thanks

Dr. Pankaj Kumar Singh

Convener

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- 1. Chairman Sir(for kind information)
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Director College

Duhal, Ghaziabad



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Activity Report

Title of the Event: Webinar on "Identify prospective inventions, innovations, Service improvement ideas and Copy rights."

Date: September 4, 2021

Resource Person: Prof. Anupam Saxena

Objectives: The webinar organized by RD Engineering College, Ghaziabad, aimed to provide a platform for participants to enhance their understanding of identifying prospective inventions, innovations, service improvement ideas, and copyrights. The specific objectives included:

- Understanding the Concept of Inventions and Innovations: Participants were expected to grasp
 the fundamental differences between inventions and innovations and explore how these
 concepts contribute to technological advancements.
- Identifying Service Improvement Ideas: The session aimed to guide participants in recognizing
 opportunities for improving existing services, fostering a mindset of continuous improvement in
 various sectors.
- Insights into Copyright Protection: The webinar aimed to educate attendees about the importance of copyright protection and how individuals and organizations can safeguard their creative works.

Description of Activities/Event: The webinar kicked off with an inaugural address by the college authorities, emphasizing the significance of staying updated with the latest developments in technology and intellectual property rights. The participants, comprising students, faculty, and industry professionals, eagerly awaited the insights from the yet-to-be-revealed resource person.

The first session delved into the distinctions between inventions and innovations. The resource person, a seasoned expert in intellectual property law and technology management, elucidated the process of ideation, patent filing, and the journey from an idea to a marketable product. Practical examples and case studies were presented, allowing the audience to connect theoretical concepts with real-world applications.

The second part of the webinar focused on identifying service improvement ideas. The resource person shared methodologies to assess and enhance the quality of services across various domains, emphasizing the role of feedback loops and customer-centric approaches. Engaging discussions

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unfolded as participants shared their experiences and challenges in implementing service improvements within their respective industries.

The final segment of the event revolved around copyright protection. The resource person navigated through the intricacies of copyright law, shedding light on the rights bestowed upon creators and the procedures for securing and enforcing those rights. The participants gained insights into the evolving landscape of digital copyrights and the challenges posed by the internet era.

The interactive nature of the webinar encouraged active participation, with attendees posing questions and engaging in fruitful discussions. The event concluded with a closing address, expressing gratitude to the resource person and the participants for their valuable contributions.

Conclusion: The webinar successfully achieved its objectives by providing a comprehensive understanding of inventions, innovations, service improvement ideas, and copyright protection. Participants left with enriched knowledge and a newfound appreciation for the importance of intellectual property in the rapidly evolving technological landscape. The event not only fostered learning but also facilitated networking among attendees, paving the way for potential collaborations and future endeavors.

Director College R.D. Enginearing College Pulhai, Ghaziabad



ANUPAM SAXENA MRICS

- REAL ESTATE PROFESSIONAL
- ACADEMICIAN
- MOTIVATOR AND MENTOR
- INDUSTRY ADVISOR

Anupam brings with him over 32 years of experience of industry and academics. Having completed his Masters in Computer Engineering from USSR, Anupam spent a decade in computerizing India in the 1990s, while India had just ventured into computerization. In a very eventful for India decade, Anupam worked with Dell, Toshiba, Packard Bell, DTK and other leading global computer brands, making computers affordable for even a common man.

From year 2000, Anupam ventured into Real Estate and Construction Sector, with his first project being a Mega-IT Park in Gandhinagar, Gujarat – INFOCITY, Gandhinagar, which was developed in JV with Govt. of Gujarat. Anupam joined as a GM (Mktg.) and gradually rose to the position of CEO of this first of its kind IT Park in India. Since then, he has been involved in various capacities with Infocity in Mohali, large residential townships in Ludhiana, Mohali and Panchkula, an IT SEZ in Faridabad, and IT Park in Noida.

In 2015, Anupam joined RICS School of Built Environment, Amity University to pursue his passion of mentoring future leaders for the Built Environment Industry and till October 2022 was managing the School of Real Estate in the capacity of Associate Dean and Director.

In a recent move, Anupam has now taken up the role of Head - University Partnerships and Early Engagement (India) with RICS (Royal Institution of Chartered Surveyors, UK) and in this role shall be engaging with students and help them become employable for the Built Environment Sector, a cause close to his heart.

Anupam is also a founder Charter Member of TiE Gujarat Chapter and has been involved with various start-ups as a mentor and motivator promoting Innovation and Entrepreneurship in India. During his stay in the School of Built Environment, he ran an Incubator Programme and mentored quite a few students in their start-up journey.

Anupam is an avid traveller, having travelled across India and many countries and enjoys music and cooking in his free time.

+91 99105 88544

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anupamsaxena@hotmail.com

(61) Anupam Saxena, MRICS | LinkedIn

Director College Dunal, Ghaziabad



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