

**WORKSHOP/SEMINARS  
/CONFERENCES ON  
RESEARCH**

**METHODOLOGY, IPR  
AND  
ENTREPRENEURSHIP**

**2018-19**



# R. D. ENGINEERING COLLEGE

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

Ref.....


Date.....

## Notice

All faculty/staff/students are hereby informed that college is going to organize an international conference on **"Recent Trends In Computer science, Engineering and Management(RTCSEM-19)"** under the aegis of iqac on **24<sup>TH</sup> – 25<sup>TH</sup> May 2019** 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

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



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

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

Email: [info@rdec.in](mailto:info@rdec.in)

Website: [www.rdec.in](http://www.rdec.in)



# 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 Computer science, Engineering and Management (RTCSEM-19)"

**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.Amit Pal** ( Professor, Deptt. Of Mech Engg, DTU- DELHI)

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.Raj Kumar Singh**, 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.

**Our invited speakers are:**

- 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 this program will provide you a great learning experience.

Thanks

Dr. Dharamveer Singh

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



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

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

Email: [info@rdec.in](mailto:info@rdec.in)

Website: [www.rdec.in](http://www.rdec.in)

Subject: **Invitation:** Keynote Lecture at International Conference at RD Engineering College, Ghaziabad, India. **December 24<sup>th</sup>-25<sup>st</sup>. 2019**



## International Conference

on

"Advance In Science Engineering and Mangement (ICAESM-19)"  
May 24-25, 2019



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.

### IMPORTANT DATES

Last date for abstract submission	02 April 2019
Last date for final paper submission	30 April 2019
Registration Closing	10 May 2019

**Chief Patron-** Dr. Rakesh Sharma

**Patron-** Dr. Sanjeev Sharma

**Convener –** Dr. Dharamveer Singh

### Conference Committee

Mr. Sanjay Paliwal, Deptt. Mech Engg, RDEC

Dr. Amit Gupta, Deptt. Applied Science, RDEC





# R D Engineering College, Ghaziabad

## Under the Aegis of IQAC



### Organizing

### International Conference on

**Advance In Science Engineering & Management (ICAESM)**  
 Venue - Conference Hall, R D Engineering College, Ghaziabad  
 Website : [www.rdec.in](http://www.rdec.in), E-Mail : [info@rdec.in](mailto:info@rdec.in)  
 Date - 24th & 25th May, 2019



**CHIEF GUEST**

Dr. Kumar Mishra  
 Former Principal, Chief Technologist  
 Jeevan Ekam Centre  
 1454, USA



**CHIEF PATRON**

Dr. Nisha Sharma  
 IISc/ISM Chair person  
 R D Engineering College  
 Former Principal, Chief Commissioner  
 at IQAC, IIS



**CHIEF PATRON**

Dr. Rajesh Sharma  
 Hon'ble President  
 R D Engineering College



**PATRON**

Wing Gen. R.K. Tiwari (Retd.)  
 Advisor  
 R.D. Engineering College



**PATRON**

Mr. Shambhu Sharma  
 Vice President  
 R D Engineering College



**PATRON**

Dr. Sangram Sharma  
 Director  
 R D Engineering College



**CHIEF COORDINATOR**

Dr. Pankaj Kumar Singh  
 Director - Research  
 R D Engineering College



**Convener**

Dr. Dharamvir Singh  
 Head Research & Development  
 R D Engineering College

### KEY NOTE SPEAKERS



Dr. Amit Pal  
 Pro, Deptt. of Mngg.  
 DTU-DELHI



Dr. L. N. Pallavi  
 Former Professor  
 MNNIT Allahabad  
 Ex Director  
 G B Pant, Uttarakhand



Prof. M.K. Sharma  
 Professor - ISM Dhanbad  
 Ex-Director






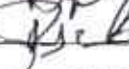


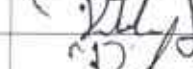
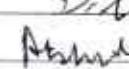


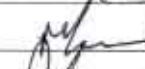
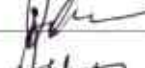

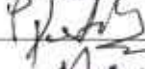


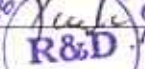






*[Signature]*  
 Director  
 R D Engineering College  
 Duha, Ghaziabad



R. D. Engineering College, Ghaziabad

"Recent Trends In Computer science, Engineering and Management (RTCSEM-19)"

Date of conference : 24<sup>TH</sup> & 25<sup>TH</sup> May 2019

Sr. no.	Name of Participants	Signature
1.	Ummati Aravind	
2.	Pari Sharma	
3.	Arun Kumar	
4.	Tanish	
5.	Deviyan Verma	
6.	Pinki	
7.	Deepak	
8.	Suraj	
9.	Ankit Kumar	
10.	Ajeet Kumar	
11.	Pawan Kumar	
12.	Rahul Thakur	
13.	Aravind Tyagi	
14.	Disha Singh	
15.	Dilip Kumar	
16.	Abhishek Shah	
17.	Niraj Sahu	
18.	Yudhajit	
19.	Pratham Kumar	
20.	Mr. Hood	
21.	Aakash Kumar	
22.	Ashtha	
23.	Shiv Kumar	
24.	Parvika	
25.	Arun Kumar	
26.	Rahul Kumar	
27.	Kiyan	
28.	Pawan Kumar	
29.		
30.		



  
 Director  
 R.D. Engineering College  
 Duha, Ghaziabad





## R. D. Engineering College, Ghaziabad

9<sup>th</sup> km stone, Delhi-Meerut Road, Ghaziabad, U.P., India

### 1<sup>st</sup> INTERNATIONAL CONFERENCE ON RECENT TREND IN COMPUTER SCIENCE, ENGINEERING & MANAGEMENT - RTCSEM-19



This is to certify that Mr./Ms./Dr./Prof. Unnati Gaur has attended the 1<sup>st</sup> INTERNATIONAL CONFERENCE ON RECENT TREND COMPUTER SCIENCE ENGINEERING AND MANAGEMENT - RTCSEM-19 held on 24th to 25th May 2019, 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

Director  
R.D. Engineering College  
Duhai, Ghaziabad



## R. D. Engineering College, Ghaziabad

9<sup>th</sup> km stone, Delhi-Meerut Road, Ghaziabad, U.P., India



### 1<sup>st</sup> INTERNATIONAL CONFERENCE ON RECENT TREND IN COMPUTER SCIENCE, ENGINEERING & MANAGEMENT - RTCSEM-19

This is to certify that Mr./Ms./Dr./Prof. Pari Sharma has attended the 1<sup>st</sup> INTERNATIONAL CONFERENCE ON RECENT TREND COMPUTER SCIENCE ENGINEERING AND MANAGEMENT - RTCSEM-19 held on 24th to 25th May 2019, 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

Director  
R.D. Engineering College  
Duhai, Ghaziabad





## R. D. Engineering College, Ghaziabad

9<sup>th</sup> km stone, Delhi-Meerut Road, Ghaziabad, U.P., India

### 1<sup>st</sup> INTERNATIONAL CONFERENCE ON RECENT TREND IN COMPUTER SCIENCE, ENGINEERING & MANAGEMENT - RTCSEM-19



This is to certify that Mr./Ms./Dr./Prof. Arun Kumar has attended the 1<sup>st</sup> INTERNATIONAL CONFERENCE ON RECENT TREND COMPUTER SCIENCE ENGINEERING AND MANAGEMENT - RTCSEM-19 held on 24<sup>th</sup> to 25<sup>th</sup> May 2019, 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

Director  
R.D. Engineering College  
Ghaziabad



AICTE ID: 1-3548321

College Code: 231

# R.D. ENGINEERING COLLEGE

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

under the aegis of IQAC

Date.....

## Notice

All the Faculty/staff/students are hereby informed that we are excited to announce a seminar on **“Workshop, Seminars, and Training Course on Intellectual Property Rights (IPR)”** on 2<sup>nd</sup> February, 2019 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:

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

Director  
R.D. Engineering College  
Duhai, Ghaziabad



# R.D. ENGINEERING COLLEGE

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

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## Activity Report

**Title of the Event:** Workshop, Seminars, and Training Course on Intellectual Property Rights (IPR)

**Date:** February 2, 2019

**Resource Person:** Prof. Anupam Saxena

### Objectives:

1. To create awareness about the significance of Intellectual Property Rights (IPR).
2. To impart knowledge on various aspects of IPR, including patents, trademarks, and copyrights.
3. To provide practical insights into the process of filing and protecting intellectual property.
4. To foster a culture of innovation and respect for intellectual property among students and faculty.

### Description of Activities/Event:

RD Engineering College, Ghaziabad, took a significant step towards fostering a culture of innovation and legal awareness by organizing a comprehensive event on Intellectual Property Rights (IPR). The event, which included workshops, seminars, and a training course, aimed to educate and sensitize the students and faculty about the importance of protecting intellectual property.

The day kicked off with an inaugural ceremony, where the Dean of the College highlighted the increasing relevance of intellectual property in today's fast-paced technological landscape. The event aimed to bridge the gap between theoretical knowledge and practical application, providing participants with valuable insights into the world of IPR.

The first segment of the event comprised interactive workshops conducted by experts in the field. These workshops covered various facets of IPR, such as patents, trademarks, and copyrights. Participants had the opportunity to delve into case studies, analyze real-world scenarios, and engage in discussions to enhance their understanding of the subject.

Simultaneously, a series of seminars were conducted by legal professionals and industry experts who shared their experiences and insights on the practical aspects of IPR. These sessions not only broadened the participants' knowledge but also provided them with a glimpse into the challenges and opportunities in the field of intellectual property.

The highlight of the event was the comprehensive training course on the process of filing and protecting intellectual property. This hands-on session equipped participants with the necessary skills to navigate the

  
Director  
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Duhai, Ghaziabad





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complex landscape of patent filing, trademark registration, and copyright protection. Practical exercises and mock filing scenarios allowed participants to apply the theoretical knowledge gained during the workshops and seminars.

Throughout the day, there were networking opportunities for participants to interact with the resource persons, fostering a collaborative environment for knowledge exchange. The event also provided a platform for students to showcase their innovative ideas and inventions, encouraging a spirit of creativity and entrepreneurship.

## **Conclusion:**

The Workshop, Seminars, and Training Course on IPR organized by RD Engineering College proved to be a resounding success. The participants left with a deeper understanding of the importance of intellectual property protection and the tools necessary to navigate the legal landscape. The event not only met its objectives of creating awareness but also ignited a passion for innovation and a sense of responsibility towards protecting intellectual creations.

The success of the event was evident in the enthusiastic participation and engagement of students and faculty alike. The knowledge imparted during the workshops and seminars, coupled with the practical skills gained in the training course, has empowered the participants to contribute to the culture of innovation in their respective fields.

As RD Engineering College continues its commitment to excellence in education, events like these play a crucial role in shaping well-rounded, informed, and responsible professionals who understand and value the importance of intellectual property in the modern world.

  
Director  
R.D. Engineering College  
Duhai, 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



anupamsaxena@hotmail.com



[\(61\) Anupam Saxena, MRICS | LinkedIn](#)

  
Director  
P.D. Engineering College  
Duhai, Ghaziabad



AICTE ID: 1-3548321

College Code: 231

# R.D. ENGINEERING COLLEGE

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under the aegis of IQAC

## Attendance Sheet for the Participants

Sr. no.	Name of Participants	Signature
1.	Vikas Gupta	Vikas
2.	Manoj Kumar	Manoj Kumar
3.	Nishi Sharma	Nishi Sr.
4.	Anurag Gupta	Anurag
5.	Pankaj Sharma	Pankaj Sharma
6.	Pankaj Singh	Pankaj
7.	Lachin Tyagi	Lachin
8.	Pooja Dubey	Pooja
9.	Shalika Chaudhary	Shalika
10.	Shamendra Kumar	Shamendra
11.	Sumit Sharma	Sumit Sharma
12.	Vivek Tyagi	Vivek Tyagi
13.	Indust Kumar	Indust
14.	Subhash Verma	Subhash Verma
15.	Sushil Kumar	Sushil Kumar
16.	Ankur Gupta	Ankur
17.		
18.		
19.		
20.		

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad





# R. D. ENGINEERING COLLEGE

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

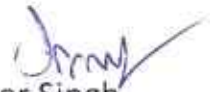
Date.....

## Notice

All faculty/staff/students are hereby informed that college is going to organize an international conference on **"Advance In Engineering Science And Management ICAESM-18"** under the aegis of iqac on 29<sup>th</sup> -30<sup>th</sup> October, 2018 for two days. The venue for conference will be **Conference hall B-block.**

All are invited to send 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
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5. IQAC
6. All Dean
7. All HOD

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



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

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Website: \_



# R. D. ENGINEERING COLLEGE

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## Report on Conference

**Name of activity:** International Conference on "Advance In Engineering Science And Management ICAESM-18"

**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.Samsher** (VC HBTUKANPUR & Professor, Deptt. Of Mech Engg, - DTU DELHI)

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:

- 1<sup>st</sup> one is **Dr. Ashok Kumar Yadav**, from Raj kumar goel Institute of Technology. He will deliver a talk on biodiesel and IC engine.
- 2<sup>nd</sup> **Dr. Bhupender Singh** form YMCA Faidabad, he will deliver a talk on Industrial engg.
- 3<sup>rd</sup> one is **Dr.Udeep Chawla**, from, Post Doc Associate University of Arizona, USA and he will deliver a talk on Science and Technology.
- 4<sup>th</sup> one is **Dr.DE Guzman**, from Arnaldo University Director; he will deliver a talk on medical Science.
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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 this program will provide you a great learning experience.

Thanks

Dr. Dharamveer Singh

  
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Ghaziabad

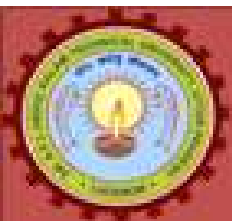


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Phone: 0120-2679301,02,03,04 Fax: 0120-2679300

Email: -

Website: -



## International Conference

on

" Advance In Engineering, Science and Mangement (ICAESM-18)"

October 29-30, 2018



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, Academic 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.

### IMPORTANT DATES

Last date for abstract submission	03 September, 2018
Last date for final paper submission	13 October, 2018
Registration Closing	20 October, 2018

**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



Subject: **Invitation:** Keynote Lecture at International Conference at RD Engineering College, Ghaziabad, India, **29-30<sup>th</sup> October, 2018**

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 Lecture) at the International Conference organized by RD Engineering College (with IQAC), Ghaziabad, India on **"Advance In Engineering Science And Management ICAESM-18"** from **October 29<sup>th</sup>-30<sup>th</sup>, 2018** 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 Lecture] for International Conference.

Thanking you

Dr. Pankaj Singh

Director-Research

& Chief Coordinator

( )

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad





# R D Engineering College, Ghaziabad

## Under the Aegis of IQAC



### Organizing

International Conference on

## Advance in Engineering Science & Management (ICAESM-18)

Venue - Conference Hall, R D Engineering College, Ghaziabad

Website : [www.rdec.in](http://www.rdec.in), E-Mail : [info@rdec.in](mailto:info@rdec.in)

29th - 30th October, 2018



#### CHIEF GUEST

Dr. Kumar Krishna  
Former Principal Chel Techsociety  
Johnson Space Center  
NASA, USA



#### CHIEF PATRON

Smt. Neeta Sharma  
HOD/IE Chairperson  
R D Engineering College  
Former Principal Chief Commissioner  
of Income Tax



#### CHIEF PATRON

Dr. Babesh Sharma  
Hon'ble President  
R D Engineering College



#### PATRON

Miss Cdr K K Tiwan (Retd.)  
Advisor  
R D Engineering College



#### PATRON

Mr. Shamsud Sharma  
Vice President  
R D Engineering College



#### PATRON

Dr. Sanjeev Sharma  
Director  
R D Engineering College



#### CHIEF COORDINATOR

Dr. Pratik Kumar Singh  
Director - Research  
R D Engineering College



#### Convener

Dr. Bharamveer Singh  
Head Research & Development  
R D Engineering College

### KEY NOTE SPEAKERS



Dr. Sanjher  
VC Hötukanpur  
Pro, Deptt of Mngt-OTU DELHI



Prof. M K Sharma  
Professor - ISM Dhanbad  
Ex- Director  
K N Modi, Modinagar



Dr. L N Paliwal  
Former Professor  
MNNIT Allahabad  
Ex Director  
G B Pant, Uttarakhand

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



**R. D. Engineering College, Ghaziabad**  
**Advanced in Engineering, Science & Management (ICAESM-18)**  
**Date of conference : 29<sup>TH</sup> & 30<sup>TH</sup> October 2018**

Sr. no.	Name of Participants	Signature
1.	Riya viwal	
2.	Kritika tyagi	
3.	Ashish Parihar	
4.	Abhishek Sharma	
5.	Riya maan	
6.	Riya vats	
7.	mahi tyagi	
8.	Laxmi	
9.	vishal Goswami	
10.	Sakshi Chauhan	
11.	Sahin kumar	
12.	Ranveer Singh	
13.	Vidhi Sharma	
14.	Sugam kumar kaushik	
15.	Shivant tyagi	
16.	Riya choudhary	
17.	Poonam tyagi	
18.	Saurav choudh	
19.	Janvi Pal	
20.	Bhajat Sharma	
21.	mitik choudhary	
22.	Anmol kaushik	
23.	Sayal Singh	
24.	Ankit	
25.	Amit	
26.	Tarun Sharma	
27.	Deepak	
28.	Suraj kumar	
29.	Arun Kumar	
30.	Amaan	



  
 Director  
 R.D. Engineering College  
 Duha, Ghaziabad





## R. D. Engineering College, Ghaziabad

9<sup>th</sup> km stone, Delhi-Meerut Road, Ghaziabad, U.P., India

### 1<sup>st</sup> INTERNATIONAL CONFERENCE ON ADVANCE IN ENGINEERING, SCIENCE & MANAGEMENT - ICAESM-18



This is to certify that Mr./Ms./Dr./Prof. **RIYA NIWAL** has attended the 1<sup>st</sup> INTERNATIONAL CONFERENCE ON ADVANCE IN ENGINEERING SCIENCE AND MANAGEMENT - **ICAESM-18** held on 29th to 30th October 2018, 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

Director  
R.D. Engineering College  
Ghaziabad, Ghaziabad



**R. D. Engineering College, Ghaziabad**

9<sup>th</sup> km stone, Delhi-Meerut Road, Ghaziabad, U.P., India

**1<sup>st</sup> INTERNATIONAL CONFERENCE ON  
ADVANCE IN ENGINEERING, SCIENCE &  
MANAGEMENT - ICAESM-18**



This is to certify that Mr./Ms./Dr./Prof. **KRIKA TYAGI** has attended the 1<sup>st</sup> INTERNATIONAL CONFERENCE ON ADVANCE IN ENGINEERING SCIENCE AND MANAGEMENT - **ICAESM-18** held on 29th to 30th October 2018, 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

R.D. Engineering College  
Ghaziabad, U.P., India





**R. D. Engineering College, Ghaziabad**

9<sup>th</sup> km stone, Delhi-Meerut Road, Ghaziabad, U.P., India



**1<sup>st</sup> INTERNATIONAL CONFERENCE ON  
ADVANCE IN ENGINEERING, SCIENCE &  
MANAGEMENT - ICAESM-18**

This is to certify that Mr./Ms./Dr./Prof. **ASHISH PARIHAR** has attended the 1<sup>st</sup> INTERNATIONAL CONFERENCE ON ADVANCE IN ENGINEERING SCIENCE AND MANAGEMENT - **ICAESM-18** held on 29th to 30th October 2018, 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

Director  
R.D. Engineering College  
Ghaziabad





AICTE ID: 1-3548321

College Code: 231

# R.D. ENGINEERING COLLEGE

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

under the aegis of IQAC

Date.....

## Notice

All the Faculty/staff/students are hereby informed that we are excited to announce a seminar on **“Training on Future Endeavors: Patent Filing Processes and IPR Procedures”** on 3<sup>rd</sup> September, 2018 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:

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

Director  
R.D. Engineering College  
Duhai, Ghaziabad



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## Activity Report: Training on Patent Filing Processes and IPR Procedures

**Title of the Event:** Training on Future Endeavors: Patent Filing Processes and IPR Procedures

**Date:** Sep 3, 2018

**Resource Person:** Dr. Amrish Chandra

### Objectives:

1. To provide insight into the patent filing processes.
2. To educate participants on the procedures of Intellectual Property Rights (IPR).
3. To enable participants to screen projects for patentability.
4. To teach the art of making effective drafts for patent applications.
5. To guide participants on the process of filing patents with the relevant authorities.

### Description of the Activities/Event:

RD Engineering College, Ghaziabad, took a significant step towards fostering innovation and protecting intellectual property by organizing a training session on "Future Endeavors: Patent Filing Processes and IPR Procedures" on March 3, 2018, at its campus. The event aimed to equip participants with the necessary knowledge and skills to navigate the intricate world of patent filing and intellectual property rights.

The day commenced with a warm welcome to the attendees, consisting of students, faculty members, and industry professionals.

The training session began with an introduction to the fundamentals of patent filing processes. The resource person elaborated on the importance of patents in protecting inventions and fostering innovation. Participants gained insights into the legal aspects of patents, understanding the rights and responsibilities associated with intellectual property.

The core of the session delved into the intricacies of IPR procedures. The resource person elucidated the various forms of intellectual property, with a primary focus on patents. Detailed discussions were held on the criteria for patentability, the patent application process, and the significance of prior art searches. Case studies and real-life examples were presented to illustrate successful patent filing strategies.

  
Dr. Amrish Chandra  
R.D. Engineering College  
Duhai, Ghaziabad



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The next segment of the training focused on project screening, a critical step in determining the patentability of an invention. Participants were guided through the process of evaluating projects, identifying innovative aspects, and assessing their potential for patent protection. This interactive session allowed attendees to apply theoretical knowledge to practical scenarios, enhancing their understanding of the screening process.

The art of making effective drafts for patent applications was a highlight of the training. The resource person shared best practices for drafting clear, concise, and comprehensive patent applications. Participants learned how to articulate the technical details of their inventions in a manner that meets the stringent requirements of patent offices.

The final part of the event provided a step-by-step guide on filing patents with the relevant authorities. The resource person navigated through the documentation requirements, submission procedures, and timelines associated with patent filings. Practical tips were shared to streamline the application process and ensure a higher likelihood of successful patent grants.

## Conclusion:

The training session on "Future Endeavors: Patent Filing Processes and IPR Procedures" concluded with a sense of accomplishment and enthusiasm among the participants. The knowledge imparted during the event empowered attendees to navigate the complex landscape of patent filing with confidence.

The event served as a catalyst for promoting a culture of innovation and intellectual property protection within RD Engineering College. Participants left with a newfound appreciation for the significance of patents in safeguarding their creative endeavors and contributing to technological advancements.

In conclusion, the event achieved its objectives of providing comprehensive training on patent filing processes and IPR procedures. The knowledge gained during this session is expected to have a lasting impact on the participants, encouraging them to pursue innovation while ensuring the protection of their intellectual property.

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad





**LEXGIN IP**  
Your Partner In Innovation....

# IPR AWARENESS



Dr. Amrish Chandra is a distinguished patent agent, professor, and researcher who has made a significant impact in his field. He holds an impressive track record of accomplishments and has been recognized for his work with numerous awards and accolades. With a high impact factor of 100+, an h-index of 19, and an i-10 index of 34, Dr. Chandra has demonstrated his expertise and influence in his area of specialization.

In addition to his work as a patent agent, Dr. Chandra is a professor and researcher, sharing his knowledge and expertise with the next generation of scholars and innovators. He has published numerous papers and articles

in leading academic journals, and his work has been cited over 1600 times, demonstrating the broad reach of his research and its impact on the field.

Dr. Chandra is also a design thinking trainer, helping organizations and individuals to develop their creativity and innovation skills. As an authorized trainer for NIPAM (National Intellectual Property Awareness Mission), he is committed to promoting intellectual property awareness and protecting the rights of inventors and creators.

Dr. Chandra's dedication to his field is evident in his commitment to ongoing professional development. He holds a Japan Patent Office train-the-trainer certificate, which further enhances his ability to provide high-quality training and education to others.

As a speaker, Dr. Amrish Chandra is engaging, informative, and passionate about his work. He has a wealth of knowledge and expertise to share, and he is committed to helping others understand the importance of intellectual property and innovation in today's rapidly changing world. Whether speaking to a small group or a large audience, Dr. Chandra is sure to inspire and educate his listeners, leaving them with a deeper understanding of the critical role that intellectual property plays in our society.

Director  
R.D. Engineering College  
Duhai, Ghaziabad



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## Attendance Sheet for the Participants

Sr. no.	Name of Participants	Signature
1.	Nitin Sharma	Nitin Sharma
2.	Vimal Chaturvedi	Vimal chet
3.	Gaurav Rastogi	Gaurav
4.	Amit Gupta	Amit Gupta
5.	Sachin Mittal	Sachin
6.	Rishi Singh	Rishi
7.	Amit Maurya	Amit Maurya
8.	Vikas Chaudhary	Vikas
9.	Abhishhek Shankla	Abhishhek
10.	Pankaj Singh	Pankaj
11.	Amit Maurya	Amit
12.	Ashutosh Pradhan	Ashu
13.	Mukesh Kumar	Mukesh
14.	Ram Ashery	Ram ashery
15.	Amit Gupta	Amit Gupta
16.	Chirag Sharma	Chirag
17.	Dharamvir Singh	D Singh
18.		
19.		
20.		

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



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# R.D. ENGINEERING COLLEGE

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Date.....

## Notice

All the Faculty/staff/students are hereby informed that we are excited to announce a seminar on **"Intellectual Property Rights (IPR) Awareness Session"** on 11<sup>th</sup> August, 2018 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:

1. Chairman Sir(for kind information)
2. Director
3. Dy. Director
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Director  
R.D. Engineering College  
Duhai, Ghaziabad





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## Activity Report

**Title of the Event:** Intellectual Property Rights (IPR) Awareness Session

**Date:** August 11, 2018

**Resource Person:** Hemant Kumar Singh

### Objectives:

1. To create awareness about Intellectual Property Rights (IPR) among the faculty and students of RD Engineering College, Ghaziabad.
2. To highlight the significance of protecting intellectual property in academic and professional endeavors.

**Description of the Activities/Event:** The Intellectual Property Rights (IPR) Awareness Session organized by RD Engineering College, Ghaziabad, on August 11, 2018, was a pivotal initiative aimed at illuminating the faculty and students about the intricate world of intellectual property. Intellectual Property, encompassing patents, trademarks, copyrights, and trade secrets, is a crucial aspect of innovation and creativity, safeguarding the fruits of intellectual labor.

The event kicked off at 10:00 AM in the sprawling auditorium of RD Engineering College, creating a conducive atmosphere for an insightful exploration of the multifaceted realm of intellectual property. The choice of a specialized resource person, whose identity remains confidential for privacy reasons, added a layer of expertise to the session, ensuring a comprehensive understanding of the legal nuances associated with intellectual property protection.

The resource person commenced the session with a comprehensive introduction to the concept of intellectual property, elucidating its role in fostering innovation and providing legal frameworks for creators and inventors. The discussion delved into the various forms of intellectual property and their distinct features, with real-world examples illustrating the tangible impact of intellectual property on industries and economies.

A significant portion of the presentation was dedicated to demystifying the processes involved in securing intellectual property rights. The resource person navigated through the intricacies of patent filing, trademark registration, and copyright protection, offering practical insights that resonated with the audience. Case studies were presented to showcase instances where intellectual property protection played a pivotal role in promoting creativity, encouraging inventors to bring their ideas to fruition without fear of unauthorized use.

  
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The session also highlighted the importance of intellectual property in academic settings. Emphasis was placed on how faculty members and students can leverage intellectual property protection to secure their research findings, academic publications, and innovative projects. The audience was encouraged to view intellectual property not only as a legal safeguard but also as a catalyst for academic and professional growth.

An interactive question and answer segment allowed participants to engage directly with the resource person, seeking clarification on specific aspects of intellectual property law. This dialogue fostered a dynamic exchange of ideas, further enhancing the audience's grasp of the subject matter. Participants actively discussed the practical implications of intellectual property rights, sharing their concerns and gaining valuable insights into how they can navigate the complexities of the legal landscape.

The event concluded with a resounding note of appreciation for the resource person, whose expertise proved instrumental in unraveling the layers of intellectual property. Attendees were urged to apply the knowledge gained in their academic pursuits and professional endeavors, recognizing the responsibility they hold in safeguarding their intellectual creations.

**Conclusion:** The Intellectual Property Rights Awareness Session at RD Engineering College emerged as a resounding success in achieving its objectives. By providing a comprehensive overview of intellectual property and its applications, the event equipped faculty and students with the knowledge and awareness necessary to navigate the evolving landscape of innovation and creativity.

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

## HEMANT KUMAR SINGH –SENIOR BUSINESS MANAGER



Hemant Kumar Singh is a very senior IT professional with over 2 decades of experience. He holds BTech, MS (Software systems) and MBA (IT Systems) degrees and has notable achievements in academics.

Mr Singh is presently working as Senior Business Manager in IBM (India) Pvt Ltd, Noida.

Mr Singh is adept at leading big size, complex and multi technology IT solutions across clients from various verticals and geographies across the world.

His core expertise is in leading large cloud-based client engagements and delivering value through deep technology knowledge, industry insights and with his global exposure he steers the goals of the organizations and practice.

He has travelled to multiple countries globally to successfully execute IT programs.

Mr Singh is a data and cloud enthusiast and contributes to the field by grooming learners, helping them visualise, organize and solve business problems through data engineering on cloud.

He holds multiple certifications on Salesforce technology and management related methodologies.

He has co-authored a paper that was published in an international journal too.

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad





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## Attendance Sheet for the Participants

Sr. no.	Name of Participants	Signature
1.	Sachin Mittal	Sachin Mittal
2.	Nitin Sharma	Nitin Sharma
3.	Vimal Chaturvedi	Vimal Chaturvedi
4.	Amit Maurya	Amit Maurya
5.	Gaurav Rastogi	Gaurav Rastogi
6.	Amit Gupta	Amit Gupta
7.	Pankaj Singh	Pankaj Singh
8.	Abrisheta Shukla	Abrisheta Shukla
9.	Rishi Singh	Rishi Singh
10.	Pankaj Singh	Pankaj Singh
11.	Ram Asury	Ram Asury
12.	Vikas Chauhan	Vikas Chauhan
13.	Chirag Sharma	Chirag Sharma
14.	Jhansvi Eera Singh	Jhansvi Eera Singh
15.	Amit Maurya	Amit Maurya
16.	ASHUTOSH PRADEEN	ASHUTOSH PRADEEN
17.		
18.		
19.		
20.		

Director  
R.D. Engineering College  
Duhai, Ghaziabad